Graphic Era (Deemed to be) University

Citation overview of 6186 documents (2014-2024)

h-index = 64 (Of the 6186 documents considered for the h-index, 64 have been cited at least 64 times.)

							<2022	2022	2023	2024	subtotal	>2024	total
Publication Year	Document Title	Authors	ISSN	Journal Title	Volume	Issue	13749	8409	15131	1647	25187	0	38936
2024	A Novel Image Registration Framework for Monitoring Diabetic Retinopathy Progression with Genetic Algorithm-Based Image Alignment	Patil P., Sarwate R., Mishra A.K., Goyal H.R.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Evaluating the Effectiveness of Bat Algorithm in Optimizing Deep Learning Models for Parkinson's Disease Classification	Parmar H., Kakade S.V., Savitha C.K., Vimal V., Kumar P.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	A Hybrid Particle Swarm Optimization-Neural Network Approach for Parkinson's Disease Diagnosis from MRI Images	Phadtare C., Patange A.P., Preethi, Sahoo A.K., Choudhary A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Predicting Coronary Artery Disease Risk with Metaheuristic-Enhanced Machine Learning Models	Shelke A.B., John D., Chauhan D.K., Singh D.P.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Hybrid Genetic Algorithm and Deep Learning Approach for Lung Nodule Detection and Classification in Chest X-rays	Gudur A., Patil V., Jain A., Garg N.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Optimizing Deep Learning Architectures for Diabetic Retinopathy Screening: A Comparative Study between Differential Evolution and Genetic Algorithm	Shirke D.B., Khot R., Kumar G.S., Gupta A., Singh V.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Framework for Cloud Based Document Management System with Institutional Schema of Database	Ahmad A.Y.A.B., Kumari D.K., Shukla A., Deepak A., Chandnani M., Pundir S., Shrivastava A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Detection and classification of leaf blast disease using decision tree algorithm in rice crop	Vishwakarma S., Chilwal B.		Mathematics and Computer Science	2		0	0	0	0	0	0	0
2024	A comparative review of protein and starch characteristics and end-use quality of soft and hard wheat	Shevkani K., Katyal M., Singh N.	2772753X	Food Chemistry Advances	4		0	0	0	0	0	0	0
2024	A novel synchronized data-driven composite scheme to enhance photovoltaic (pv) integrated power system grid stability	Shrivastava D.R., Siddiqui S.A., Verma K., Singh S., Alotaibi M.A., Malik H., Nassar M.E.	23524847	Energy Reports	11		0	0	0	0	0	0	0
2024	Application of an intelligent fuzzy logic based sliding mode controller for frequency stability analysis in a deregulated power system using OPAL-RT platform	Begum B., Jena N.K., Sahu B.K., Ray P., Bajaj M., Singh A.R., Blazek V.	23524847	Energy Reports	11		0	0	0	0	0	0	0
2024	Algae: A promising and sustainable protein-rich food ingredient for bakery and dairy products	Bhatnagar P., Gururani P., Parveen A., Gautam P., Chandra Joshi N., Tomar M.S., Nanda M., Vlaskin M.S., Kumar V.	3088146	Food Chemistry	441		0	0	0	0	0	0	0
2024	Rheology of bolus as a wet granular matter – Influence of saliva on rheology of polysaccharide gel beads	Nishinari K., Ishihara S., Nakauma M., Funami T., Zhu C., Zhang K., Yang N., Gamonpilas C., Fang Y., Moritaka H., Peyron M.-A., Nitta Y., Takemasa M., Goh Suk Meng A., Singh N.	0268005X	Food Hydrocolloids	150		0	0	0	0	0	0	0
2024	Crafting the techno-functional blocks for Metaverse - A review and research agenda	Johri A., Sayal A., N C., Jha J., Aggarwal N., Pawar D., Gupta V., Gupta A.	26670968	International Journal of Information Management Data Insights	4	1	0	0	0	0	0	0	0
2024	Inertial sensor aided motion blur kernel estimation for cooled IR detector	Singh K.S., Diwakar M., Singh P., Garg D.	1438166	Optics and Lasers in Engineering	175		0	0	0	0	0	0	0
2024	Corrosion behavior of 304 stainless steel in supercritical water	Zhang X., Fan J., Krolczyk G.M., Zhang X., Ren L., Gupta M.K., Chen S., Li Z.	8968446	Journal of Supercritical Fluids	206		0	0	0	0	0	0	0
2024	Influence of MWCNTs, ZnO, and boric acid nanomaterial blend on the tribological and thermal properties of lithium grease	Prasad D.K., Tiwari S., Amarnath M., Chelladurai H., Vardhaman B.S.A., Suresh B., Ramkumar J., Gupta M.K.	0301679X	Tribology International	192		0	0	0	0	0	0	0
2024	Precisely designed NIR based conjugated framework as a solid state emitter for selective recognition of cyanide ion in solid state and cancer cells	Kiran, Ranolia A., Rani P., Joshi G., Kumar R., Kumar S., Kumar P., Singh S., Sindhu J.	10106030	Journal of Photochemistry and Photobiology A: Chemistry	449		0	0	0	0	0	0	0
2024	An efficient self-attention-based conditional variational auto-encoder generative adversarial networks based multipath cross-layer design routing paradigm for MANET	Shanmugham K., Rangan R., Dhatchnamurthy S., Pundir S.	9574174	Expert Systems with Applications	238		0	0	0	0	0	0	0
2024	Transparent superhydrophobic coating for copper metal and study of surface morphology and antimicrobial characteristics	Rajput A., Mishra A., Ali A., Goswami R., Bhatt N.	9277757	Colloids and Surfaces A: Physicochemical and Engineering Aspects	684		0	0	0	0	0	0	0
2024	Literature-based screening and bibliometric analysis of the chemical composition, antioxidant and antimicrobial potential of essential oils isolated from Allium genus: 23 years of investigation	Gargi B., Singh P., Painuli S., Rai N., Semwal P., Cruz-Martins N., Sharma R.	26671425	Pharmacological Research - Modern Chinese Medicine	10		0	0	0	0	0	0	0
2024	Impact of liquid whey and barley flour fortification on the physicochemical, microbial, and sensory characteristics of buns stored in different packaging materials	Dobhal A., Awasthi P., Srivastava S., Dutta A., Shahi N.C., Kumar A., Ahmad A.H., Sharma S., Kumar S.	27722759	Measurement: Food	13		0	0	0	0	0	0	0
2024	Micro-algae: Revolutionizing food production for a healthy and sustainable future	Naik B., Mishra R., Kumar V., Mishra S., Gupta U., Rustagi S., Gupta A.K., Preet M.S., Bhatt S.C., Rizwanuddin S.	26661543	Journal of Agriculture and Food Research	15		0	0	0	0	0	0	0

2024	Comprehensive review of sustainable utilization of Arenga obtusifolia Griff. as a food	Akhtar S., Gupta A.K., Varshney A., Rawat M., Choudhary A., Kandpal R., Jha A.K., Mishra S., Naik B., Kumar V., Ranjan R., Rather M.A., Rustagi S., Preet M.S.	26661543	Journal of Agriculture and Food Research	15		0	0	0	0	0	0	0
2024	Tool wear and its mechanism in turning aluminum alloys with image processing and machine learning methods	Korkmaz M.E., Gupta M.K., Celik E., Ross N.S., Gunay M.	0301679X	Tribology International	191		0	0	0	0	0	0	0
2024	A Channel Financing Policy for an EOQ Model of Fast-Moving Consumer Goods with Fuzzy Approach	Pant M., Rajput N., Sharma S., Chauhan A.	26622556	Operations Research Forum	5	1	0	0	0	0	0	0	0
2024	A survey on safeguarding critical infrastructures: Attacks, AI security, and future directions	Raval K.J., Jadav N.K., Rathod T., Tanwar S., Vimal V., Yamsani N.	18745482	International Journal of Critical Infrastructure Protection	44		0	0	0	0	0	0	0
2024	Optimal cloud service provider selection: An MADM framework on correlation-based TOPSIS with interval-valued q-rung orthopair fuzzy soft set	Zulqarnain R.M., Garg H., Ma W.-X., Siddique I.	9521976	Engineering Applications of Artificial Intelligence	129		0	0	0	0	0	0	0
2024	Optimal tasks assignment policy in multi-task multi-attempt missions	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	243		0	0	0	0	0	0	0
2024	Physicochemical properties and shelf-life study of pearl millet flour and Sapota powder fortified buns	Wilson I., Hasan S., Ahmad S., Sachdeva T., Singh S., Kumar V., Kohli D., Uniyal P., Tomar M.S., Kumar S.	27722759	Measurement: Food	13		0	0	0	0	0	0	0
2024	Do personality traits influence the user's behavioral intention to adopt and use Open Government Data (OGD)? An empirical investigation	Rizun N., Alexopoulos C., Saxena S., Kleiman F., Matheus R.	7365853	Telematics and Informatics	87		0	0	0	0	0	0	0
2024	An enhanced consortium blockchain diversity mining technique for IoT metadata aggregation	Chithaluru P., Al-Turjman F., Dugyala R., Stephan T., Kumar M., Dhatterwal J.S.	0167739X	Future Generation Computer Systems	152		0	0	0	0	0	0	0
2024	Exploring the potential of novel Bacillus sp. G6: Isolation, characterization, and optimization of biosurfactant production from oil-contaminated soil	Rawat G., Kumar V., Kumar A., Naik B., Saris P.E.J., Khan J.M., Kumar V.	1677322	Journal of Molecular Liquids	396		0	0	0	0	0	0	0
2024	Low temperature operable and high performing Pd-ZnO thin films sputtered at room temperature for ultrafast detection of CO gas	Godiwal R., Gangwar A.K., Kumar A., Gupta G., Singh P.	9253467	Optical Materials	148		0	0	0	0	0	0	0
2024	Thermal instability of Tri-hybrid Casson nanofluid with thermal radiation saturated porous medium in different enclosures	Ismail, Bhadauria B.S., Kumar A., Rawat S.K., Yaseen M.	5779073	Chinese Journal of Physics	87		0	0	0	0	0	0	0
2024	Removal of emergent pollutants: A review on recent updates and future perspectives on polysaccharide-based composites vis-à-vis traditional adsorbents	Nayak A., Chaudhary P., Bhushan B., Ghai K., Singh S., Sillanpaa M.	1418130	International Journal of Biological Macromolecules	258		0	0	0	0	0	0	0
2024	Critical review on the formations and exposure of polycyclic aromatic hydrocarbons (PAHs) in the conventional hydrocarbon-based fuels: Prevention and control strategies	Sekar M., T R P.	456535	Chemosphere	350		0	0	0	0	0	0	0
2024	Uncertainty determination and reduction through novel approach for industrial IOT	Dev D.R., Biradar V.S., Chandrasekhar V., Sahni V., kulkarni P., Negi P.	26659174	Measurement: Sensors	31		0	0	0	0	0	0	0
2024	Transfer learning approach to reduce similar IOT sensor data for industrial applications	Ramesh K., Rajarao B., Chaudhari H.E., Angel Latha Mary S., Venkataraesh M., Dhiman T.K.	26659174	Measurement: Sensors	31		0	0	0	0	0	0	0
2024	Develop the ubiquitous computing wearable IoT devices using IoT-distributed framework	Ashok J., Purushothaman S., Pandey P.S., Praveena K., Pandey C., Muralidharan J.	26659174	Measurement: Sensors	31		0	0	0	0	0	0	0
2024	IoT sensor data retrieval and analysis through cloud environment for effective power management	Ch S., K U., Yadav R.K., K.V D.S., N.P D., Sharma P.	26659174	Measurement: Sensors	31		0	0	0	0	0	0	0
2024	Recognition and implementation of the smart manufacturing systems in industrial sectors for evolving industry 4.0	Kler R., Ashish, Nimmagadda P., Navarajan J., Chauhan D., Babu G.R.	26659174	Measurement: Sensors	31		0	0	0	0	0	0	0
2024	Assessment of multi-source satellite products using hydrological modelling approach	Mahanta A.R., Rawat K.S., Kumar N., Szabo S., Srivastava P.K., Singh S.K.	14747065	Physics and Chemistry of the Earth	133		0	0	0	0	0	0	0
2024	Photocatalytic degradation of noxious p-nitrophenol using hydrothermally synthesized stannous and zinc oxide catalysts	Pandey S., Singh A., Kumar A., Tyagi I., Karri R.R., Gaur R., Javadian H., Verma M.	14747065	Physics and Chemistry of the Earth	133		0	0	0	0	0	0	0
2024	The role of texture in the palatability and food oral processing	Nishinari K., Peyron M.-A., Yang N., Gao Z., Zhang K., Fang Y., Zhao M., Yao X., Hu B., Han L., Mleko S., Tomczynska-Mleko M., Nagano T., Nitta Y., Zhang Y., Singh N., Suk Meng A.G., Pongsawatmanit R., Gamonpilas C., Moritaka H., Kohyama K., Yoshimura M., Hirashima M., Takemasa M., Tsutsui K., Su L.	0268005X	Food Hydrocolloids	147		0	0	1	0	1	0	1
2024	Engineering of hollow mesoporous Fe-graphitic carbon Nitride@CNTs for superior electrocatalytic oxygen reduction reaction	Kumar A., Gupta R.K., Ubaidullah M., Al-Enizi A.M., Pandit B., Nangan S., Jagadeesha Angadi V., Yasin G.	162361	Fuel	357		0	0	0	0	0	0	0
2024	A review on design alteration in microchannel heat sink for augmented thermohydraulic performance	Bhandari P., Rawat K.S., Prajapati Y.K., Padalia D., Ranakoti L., Singh T.	20904479	Ain Shams Engineering Journal	15	2	0	0	1	1	2	0	2
2024	Landslide hazard zones differentiated according to thematic weighting: Road alignment in North Sikkim Himalayas, India	Koley B., Nath A., Saraswati S., Bhattacharya S., Ray B.C., Choudhury T., Um J.-S.	23663294	Spatial Information Research	32	1	0	0	0	0	0	0	0

2024	Hybrid PSO-GWO algorithm for reliability redundancy allocation problem with Cold Standby Strategy	Bhandari A.S., Kumar A., Ram M.	7488017	Quality and Reliability Engineering International	40	1	0	0	1	0	1	0	1
2024	Electrochemical investigation of β-MnO2 octahedral microparticles decorated micro-sized silicon	Juyal S., Mishra A., Gill F.S., Agarwal V., Juneja P., Prasad B., Chandra S., Parveen A.	134686	Electrochimica Acta	475		0	0	0	0	0	0	0
2024	E®ect of Thompson and Troian slip on CNT-Fe3O4/kerosene oil hybrid nano°uid °ow over an exponential stretching sheet with Reynolds viscosity model	Gupta T., Pandey A.K., Kumar M.	2179849	Modern Physics Letters B	38	2	0	0	0	1	1	0	1
2024	Climate change-derived environmental and physical factors influencing the socioeconomic development in the Himalayan region	Thapliyal A., Kimothi S., Dumka U.C., Chandra Das I.	139351	Environmental Research	241		0	0	0	0	0	0	0
2024	Stakeholders' Response to IFRS adoption/ convergence on accounting quality and disclosures: A bibliometric review of Scopus database	Bathla S., Sharma A.K., Kandpal V.	24058440	Heliyon	10	1	0	0	0	0	0	0	0
2024	Effect of reinforcement particles and multipass of friction stir processing on microstructure and mechanical properties of aluminium alloy	Ansari A.J., Bansal G., Rizvi S.A.H.	0167577X	Materials Letters	355		0	0	0	0	0	0	0
2024	Li Salt Assisted Highly Flexible Carbonaceous Ni3N@polyimide Electrode for an Efficient Asymmetric Supercapacitor	Adalati R., Sharma S., Sharma M., Kumar P., Bansal A., Kumar A., Chandra R.	15306984	Nano Letters	24	1	0	0	0	0	0	0	0
2024	A decade of USFDA-approved small molecules as anti-inflammatory agents: Recent trends and Commentaries on the "industrial" perspective	Mehta V., Dwivedi A.R., Ludhiadch A., Rana V., Goel K.K., Uniyal P., Joshi G., Kumar A., Kumar B.	2235234	European Journal of Medicinal Chemistry	263		0	0	0	0	0	0	0
2024	Performance assessment of Sn-based lead-free solder composite joints based on extreme learning machine model tuned by Aquila optimizer	Dele-Afolabi T.T., Ahmadipour M., Azmah Hanim M.A., Oyekanmi A.A., Ansari M.N.M., Sikiru S., Kumar N.	9258388	Journal of Alloys and Compounds	970		0	0	0	0	0	0	0
2024	Structural analysis of paper substrate for flexible microfluidics device application	Yadav S., Singh K., Gupta A., Kumar M., Sharma N.N., Akhtar J.	13565362	Microelectronics International	41	1	0	0	0	0	0	0	0
2024	Critical challenges of integrating OPEX strategies with I4.0 technologies in manufacturing SMEs: a few pieces of evidence from developing economies	Joshi S., Sharma M., Bartwal S., Joshi T., Prasad M.	17542731	TQM Journal	36	1	0	1	4	1	6	0	6
2024	Investigating the barriers to Quality 4.0 adoption in the Indian manufacturing sector: insights and implications for industry and policy-making	Roy Ghatak R., Garza-Reyes J.A.	0265671X	International Journal of Quality and Reliability Management			0	0	0	0	0	0	0
2024	A review on metal/metal oxide nanoparticles in food processing and packaging	Joshi N.C., Negi P.B., Gururani P.	12267708	Food Science and Biotechnology			0	0	0	0	0	0	0
2024	Synergistic interaction between hydrocolloids and kinnow peel biowaste for the development of edible fillers using response surface methodology	Bisht B., Lohani U.C., Nanda M., Kumar S., Vlaskin M., Dsouza A., Joshi S., Kumar V.	16147499	Environmental science and pollution research international	31	2	0	0	0	0	0	0	0
2024	Estimation of background radiation in the indoor air in geo-sensitive zones of the Garhwal Himalaya, India	Prasad G., Singh K.P., Kimothi S., Chandra S., Ramola R.C.	2365731	Journal of Radioanalytical and Nuclear Chemistry			0	0	0	0	0	0	0
2024	Spatial clustering-based parametric change footprint pattern analysis in Landsat images	Raj A., Minz S., Choudhury T.	17351472	International Journal of Environmental Science and Technology			0	0	0	0	0	0	0
2024	Nanozymes: advance enzyme-mimicking theragnostic tool: a review	Pant G., Singh S., Choudhary P.K., Ramamurthy P.C., Singh H., Garlapati D., Singh J., Kumar G., Khan N.A., Zahmatkesh S.	1618954X	Clean Technologies and Environmental Policy			0	0	0	0	0	0	0
2024	Hybrid Data Science Approaches to Predict the Academic Performance of Students	Malik S., Malik S.	18761100	Lecture Notes in Electrical Engineering	1105		0	0	0	0	0	0	0
2024	An Analysis of the Effects of the COVID-19 Pandemic on Women's Anxiety and Depression Symptoms	Jothimani K., Kulkarni V.R., Punitha S.	18761100	Lecture Notes in Electrical Engineering	1105		0	0	0	0	0	0	0
2024	Impact of information systems (IS) infusion on Open Government Data (OGD) adoption	Matheus R., Alexopoulos C., Rizun N., Loukis E., Saxena S.	23985038	Digital Policy, Regulation and Governance			0	0	0	0	0	0	0
2024	A new method for the characterization and type detection of voltage sag using active voltage component	Yadav P., Thakur P., Bansal R.C.	2286203	International Journal of Modelling and Simulation			0	0	0	0	0	0	0
2024	NDDSM: Novel Deep Decision-Support Model for Hate Speech Detection	Kumar A., Kumar S.	2662995X	SN Computer Science	5	1	0	0	0	0	0	0	0
2024	Fabrication of antireflective superhydrophobic coating for self-cleaning solar panels and study of energy efficiency	Mishra A., Gill F.S., Bhatt N., Rathod A.P.S., Rajput A.	10706631	Physics of Fluids	36	1	0	0	0	0	0	0	0
2024	Experimental analysis of dust composition impact on Photovoltaic panel Performance: A case study	Fatima K., Faiz Minai A., Malik H., Garcia Marquez F.P.	0038092X	Solar Energy	267		0	0	0	0	0	0	0
2024	A Novel Image Captioning Approach Using CNN and MLP	Sharma S., Tomar V., Yadav N., Aggarwal M.	23673370	Lecture Notes in Networks and Systems	796		0	0	0	0	0	0	0
2024	Prediction of Particulate Matter (PM2.5) for Industrial Area Based on Naive Bayes Classifier	Pant A., Pant K., Pathak N., Ram M.	23673370	Lecture Notes in Networks and Systems	786		0	0	0	0	0	0	0
2024	Intelligent Surveillance System Using Deep Learning	Yadav R., Gupta A., Fulara V., Verma M., Yadav V., Rawat R.	23673370	Lecture Notes in Networks and Systems	786		0	0	0	0	0	0	0
2024	Semi-Supervised Clustering-Based DANA Algorithm for Data Gathering and Disease Detection in Healthcare Wireless Sensor Networks (WSN)	Sinha A., Aljrees T., Pandey S.K., Kumar A., Banerjee P., Kumar B., Singh K.U., Singh T., Jha P.	14248220	Sensors	24	1	0	0	0	0	0	0	0
2024	DSLSTM: a deep convolutional encoder–decoder architecture for abnormality detection in video surveillance	Roka S., Diwakar M.	13867857	Cluster Computing			0	0	0	0	0	0	0
2024	A Comprehensive Review on STATCOM: Paradigm of Modeling, Control, Stability, Optimal Location, Integration, Application, and Installation	Sharma S., Gupta S., Zuhaib M., Bhuria V., Malik H., Almutairi A., Afthanorhan A., Hossaini M.A.	21693536	IEEE Access	12		0	0	0	0	0	0	0

2024	Improvement in Voltage Stability of the System Due to Increased Penetration of Electric Vehicles Using Distributed Solar Photovoltaic Sources	Deshmukh S., Islam S., Iqbal A., Ansari M.F.	18761100	Lecture Notes in Electrical Engineering	1086		0	0	0	0	0	0	0
2024	An Intelligent System for Furfural Estimation in the Power Transformers	Nezami M.M., Hashem H., Equbal M.D., Khan M.J., Ansari M.F., Mustafa E.E.	18761100	Lecture Notes in Electrical Engineering	1086		0	0	0	0	0	0	0
2024	Microgrid Systems with Classical Primary Control Techniques—A Review	Kumar S., Yashaswini H.K., Sharma N., Bajaj M.	18761100	Lecture Notes in Electrical Engineering	1086		0	0	0	0	0	0	0
2024	Design of PID-Tuned Controller for Automatic Voltage Regulator for Frequency Stability in Thermal Power Plant	Ansari M.F., Iqbal A., Nezami M.M.	18761100	Lecture Notes in Electrical Engineering	1086		0	0	0	0	0	0	0
2024	Spot Pricing in Cloud Computing: A Comprehensive Survey of Mechanisms, Strategies, and Future Directions	Purohit N., Srivastava P., Tripathi V., Mohd N.	23673370	Lecture Notes in Networks and Systems	791		0	0	0	0	0	0	0
2024	Sliding wear behaviour of micro-sized Kota stone dust reinforced epoxy composites using Taguchi method and Grey Wolf optimisation algorithm	Gupta G., Rajput V., Ayachit B., Satpathy M.P., Pati P.R., Mishra V., Agrawal A.	9544062	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science			0	0	0	0	0	0	0
2024	Salivary microbiomes: a potent evidence in forensic investigations	Yadav S., Kumari P., Sinha A., Tripathi V., Saran V.	1547769X	Forensic Science, Medicine, and Pathology			0	0	0	0	0	0	0
2024	Numerical Simulation-Based Performance Assessment of Pile Group Placed over Buried Utility Tunnel	Srivastava A., Kothari S., Jawaid S.	22286160	Iranian Journal of Science and Technology - Transactions of Civil Engineering			0	0	0	0	0	0	0
2024	Valorisation of ceramic insulator waste in rendering mortar for enhanced mechanical, durability and sustainability performance	Garg N., Shrivastava S.	23644176	Innovative Infrastructure Solutions	9	1	0	0	0	0	0	0	0
2024	An efficient node localization and failure node detection in the MANET environment	Dewangan K.P., Bonde P., Raja R., Chatterjee J.M.	10184864	Telecommunication Systems			0	0	0	0	0	0	0
2024	Microwave-assisted Synthesis and Photocatalytic Activities of TiO2 Nanoparticles	Ahmad W., Mishra A., Kumar S., Rana R., Arora A.	21505578	Nano Biomedicine and Engineering	16	1	0	0	0	0	0	0	0
2024	Association between social media use and students' academic performance through family bonding and collective learning: The moderating role of mental well-being	Zhang X., Abbas J., Shahzad M.F., Shankar A., Ercisli S., Dobhal D.C.	13602357	Education and Information Technologies			0	0	0	0	0	0	0
2024	Strategy planning for sustainable biodiesel supply chain produced from waste animal fat	Singh S.K., Chauhan A., Sarkar B.	23525509	Sustainable Production and Consumption	44		0	0	0	0	0	0	0
2024	Evolutionary trends of carbapenem-resistant and susceptible Acinetobacter baumannii isolates in a major tertiary care setting from North India	Bansal K., Saroha T., Patil P.P., Kumar S., Kumar S., Singhal L., Gautam V., Patil P.B.	15671348	Infection, Genetics and Evolution	117		0	0	0	0	0	0	0
2024	Adsorption studies on chitosan/bagasse nanocomposite surface for the elimination of hazardous Cr (VI) from wastewater	Goswami R., Mishra A.	25396293	Asia-Pacific Journal of Science and Technology	29	1	0	0	0	0	0	0	0
2024	FATEH: A NOVEL FRAMEWORK FOR INTERNET-OF-THINGS-BASED SMART AGRICULTURE MONITORING SYSTEM	Singh P., Singh K.D., Kaur R., Singh D., Tripathi V.		Precision Agriculture for Sustainability: Use of Smart Sensors, Actuators, and Decision Support Systems			0	0	0	0	0	0	0
2024	A novel framework for capacitated SDN controller placement: Balancing latency and reliability with PSO algorithm	Singh G.D., Tripathi V., Dumka A., Rathore R.S., Bajaj M., Escorcia-Gutierrez J., Aljehane N.O., Blazek V., Prokop L.	11100168	Alexandria Engineering Journal	87		0	0	0	0	0	0	0
2024	In-silico studies of phytoconstituents of Bacopa monnieri and Centella asiatica with Crystal structure of Myelin Oligodendrocyte Glycoprotein against primary demyelination in Multiple Sclerosis	Gupta A., Roy A., Raja V., Rustagi S., Malik S., Verma D.	23214635	Journal of Integrated Science and Technology	12	3	0	0	0	0	0	0	0
2024	Prediction of Breast Cancer Using Convolution Neural Network	Aditya Pai H., Pareek P.K., Suresh Kumar A., Guru Prasad M.S.	18761100	Lecture Notes in Electrical Engineering	1104		0	0	0	0	0	0	0
2024	Characterization of biosurfactant produced through co-utilization of substrates by the novel strain Pseudomonas aeruginosa NG4	Sankhyan S., Kumar P., Sonkar M., Pandit S., Ranjan N., Ray S.	18788181	Biocatalysis and Agricultural Biotechnology	55		0	0	0	0	0	0	0
2024	Investigation of conical passive solar still by incorporating energy metrics, efficiency, and sensitivity analyses for sustainable solar distillation	Singh G., Singh P.K., Saxena A., Kumar N., Singh D.B.	9596526	Journal of Cleaner Production	434		0	0	0	0	0	0	0
2024	A Comprehensive Review of Sensor-Based Smart Packaging Technology	Aniruddha Prabhu B.P., Dani R., Abdullah K.H., Sharma T., Bhatt C., Chauhan R.	18761100	Lecture Notes in Electrical Engineering	1097		0	0	0	0	0	0	0
2024	Assessment of Online Teaching Using Statistical and Unsupervised Learning Methods	Bisht R.K., Jasola S., Bisht I.P., Lohumi Y.	18761100	Lecture Notes in Electrical Engineering	1097		0	0	0	0	0	0	0
2024	Revolutionizing education: Artificial intelligence empowered learning in higher education	Rahiman H.U., Kodikal R.	2331186X	Cogent Education	11	1	0	0	0	0	0	0	0
2024	Deciphering the metabolic signatures of Trigonella microgreens as a function of photoperiod and temperature using targeted compound analysis and non-targeted UHPLC-QTOF-IMS based approach	Kumar A., Singh N., Joshi R.	9639969	Food Research International	176		0	0	1	0	1	0	1
2024	Hydrothermal synthesis of MoS2 with tunable band gap for future nano-electronic devices	Berwal P., Rani S., Sihag S., Singh P., Dahiya R., Kumar A., Sanger A., Mishra A.K., Kumar V.	13877003	Inorganic Chemistry Communications	159		0	0	0	0	0	0	0
2024	An Internet of Things-Integrated Home Automation with Smart Security System	Sayeduzzaman M., Hasan T., Nasser A.A., Negi A.		Automated Secure Computing for Next-Generation Systems			0	0	0	0	0	0	0
2024	Evaluating the Effectiveness of Heart Disease Prediction	Mishra J.S., Meqdad M.N., Sharma A., Deepak A., Gupta N.K., Bajaj R., Pokhariya H.S., Shrivastava A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	5s	0	0	0	0	0	0	0
2024	Detecting Fake Information Dissemination using Leveraging Machine Learning and DRIMUX with B-LSTM	Kaneti V.R., Venkatesan M., Sharma H., Bodhankar A., Bajaj R., Ganesh Kumar R., Pokhariya H.S., Deepak A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	5s	0	0	0	0	0	0	0

2024	Artificial Intelligence Perspective Framework of the Smart Finance and Accounting Management Model	Ahmad A.Y.A.B., Tiwari A., Nayeem M.A., Biswal B.K., Satapathy D.P., Kulshreshtha K., Bordoloi D.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	4s	0	0	0	0	0	0	0
2024	Utilizing Machine Learning for Speech Emotion Recognition	Prithi M., Sankari M., Shinde J.P., Kumar R., Deepak A., Pokhariya H.S., Shrivastava A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	4s	0	0	0	0	0	0	0
2024	Machine Learning-Based Detection of Cyber Defamation in Social Networks	Tharanidharan S., Al-Makki N.A.-N.M., Kumar N.K., Boddukoori D., Sharma H., Pokhariya H.S., Shrivastava A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	4s	0	0	0	0	0	0	0
2024	Breaking seed dormancy for sustainable food production: Revisiting seed priming techniques and prospects	Chandel N.S., Tripathi V., Singh H.B., Vaishnav A.	18788181	Biocatalysis and Agricultural Biotechnology	55		0	0	0	0	0	0	0
2024	Automated Grading of Diabetic Retinopathy Severity Using Convolutional Neural Networks and Particle Swarm Optimization-Based Hyperparameter Tuning	Paranjape G., Rohit K., Mishra A.K., Goyal H.R.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Enhancing Breast Cancer Detection in Mammography Using Firefly Algorithm-Based Image Enhancement Techniques	Gudur R., Pati P., Bhatt C., Kukreti S.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Parkinson's Disease Progression Prediction Using Longitudinal Imaging Data and Grey Wolf Optimizer-Based Feature Selection	Patil S.C., Mane D.A., Singh M., Garg P., Desai A.B., Rawat D.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Utilizing Convolutional Neural Networks for Image-Based Crop Classification System	Kavitha E., Jadhav H.M., Goyal V., Deepak A., Pokhariya H.S., Sharma B.D., Shrivastava A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Optimizing Cardiac Image Registration for Coronary Artery Disease Assessment: A Simulated Annealing Approach	Pawar P.S., Shelke A.B., Bordoloi D., Rawat R.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Image-Based Coronary Artery Disease Diagnosis Using Differential Evolution and Texture Analysis	Pawar P.S., Shelke A.B., Nisha C.S., Singh A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	Optimizing Computed Tomography Image Reconstruction Parameters for Improved Lung Cancer Diagnosis with Grey Wolf Algorithm	Gudur R., Tamboli A.I., Garg A., Sharma M.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	A Comparative Study of Simulated Annealing and Ant Colony Optimization for Optimizing MRI-Based Alzheimer's Disease Classification	Cherian I., Tamboli A.I., Pandey A., Manchanda M., Verma G.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3	0	0	0	0	0	0	0
2024	Early Detection of Alzheimer's Disease Using Fuzzy C-Means Clustering and Genetic Algorithm-Based Feature Selection from PET Scans	Cherian I., Alate M., Desai A.B., Prajna M.R., Rawat D.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3	0	0	0	0	0	0	0
2024	Longitudinal Assessment of Alzheimer's Disease Progression Through Structural MRI Analysis and Firefly Algorithm-Based Biomarker Identification	Ediga P., Patil V., Desai A.B., Singh P.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	3s	0	0	0	0	0	0	0
2024	BIOGENIC SYNTHESIS OF SILVER NANOPARTICLES USING ESSENTIAL OIL OF AERIAL PART OF Cyclospermum leptophyllum AND THEIR APPLICATION IN COLORIMETRIC DETERMINATION OF METALLIC IONS	Gonfa Y.H., Tadesse M.G., Kabeto S.A., Tessema F.B., Bachheti A., Chaubey K.K., Bachheti R.K.	10113924	Bulletin of the Chemical Society of Ethiopia	38	1	0	0	0	0	0	0	0
2024	Investigation of coupling effect on the evolution of Richtmyer-Meshkov instability at double heavy square bubbles	Singh S., Jalleli D.T.	16747348	Science China: Physics, Mechanics and Astronomy	67	1	0	0	0	0	0	0	0
2024	Tribology of Spray Formed Aluminium-Based Materials	Raja N., Gautam G., Maurya S.K., Sharma A., Singh S., Singh A.K., Pandey R.	26623161	Springer Proceedings in Materials	37		0	0	0	0	0	0	0
2024	Real-time monitoring and measurement of energy characteristics in sustainable machining of titanium alloys	Gupta M.K., Korkmaz M.E., Yilmaz H., Sirin, Ross N.S., Jamil M., Krolczyk G.M., Sharma V.S.	2632241	Measurement: Journal of the International Measurement Confederation	224		0	0	0	0	0	0	0
2024	Assessing the eradication potential of fungal biofilms using acacia gum/PVA nanofibers functionalized with geraniol-β cyclodextrin inclusion complex	Gupta P., Mishra P., Verma N., Alhariry J., Kumar C., Prasad R., Poluri K.M.	17732247	Journal of Drug Delivery Science and Technology	91		0	0	0	0	0	0	0
2024	Nanocellulose: A comprehensive review investigating its potential as an innovative material for water remediation	Goswami R., Singh S., Narasimhappa P., Ramamurthy P.C., Mishra A., Mishra P.K., Joshi H.C., Pant G., Singh J., Kumar G., Khan N.A., Yousefi M.	1418130	International Journal of Biological Macromolecules	254		0	0	0	0	0	0	0
2024	Image Processing based Robotic Car for Agricultural Ploughing using Machine Learning Approach	Deepak A., Sharma K., Naik G.R., Shah D.U., Modi G., Poonguzhali S., Singh D.P.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	2s	0	0	0	0	0	0	0
2024	Emission characteristics of diesel engines fuelled with B20 with different DPF, DOC and EGR arrangements	Nagaprasad K.S., Banapurmath N.R., Madhu D., Soudagar M.E.M., Mujtaba M.A., Kalam M.A., Vadlamudi C., Krishnappa S.	1430750	International Journal of Ambient Energy	45	1	0	0	0	0	0	0	0
2024	Genetic-neural optimization approach for gas metal arc welding of dissimilar aluminium alloys of AA5083-O/AA6061-T6	Verma R.P., Pandey K.N., Mittal G.	25888404	International Journal of Lightweight Materials and Manufacture	7	1	0	0	0	0	0	0	0
2024	Enhanced corrosion resistance properties of 15Al-85Zn coating by post-treatment with sodium hexa-meta phosphate in saline solution	Singh J.K., Lee H.-S.	0010938X	Corrosion Science	226		0	0	0	1	1	0	1
2024	Recent updates on nano-phyto-formulations based therapeutic intervention for cancer treatment	Wahi A., Bishnoi M., Raina N., Singh M.A., Verma P., Gupta P.K., Kaur G., Tuli H.S., Gupta M.	9650407	Oncology Research	32	1	0	0	0	0	0	0	0
2024	Reliability Analysis of Load Bearing Capacity of Single Pile Placed Adjacent to Existing Buried Conduit or Utility Tunnel	Malhotra M., Srivastava A.	23662557	Lecture Notes in Civil Engineering	373		0	0	0	0	0	0	0

2024	Microwave Assisted Green Extraction of Pectin from Citrus maxima Albedo and Flavedo, Process Optimization, Characterisation and Comparison with Commercial Pectin	Arora S., Kataria P., Ahmad W., Mishra R., Upadhyay S., Dobhal A., Bisht B., Hussain A., Kumar V., Kumar S.	19369751	Food Analytical Methods	17	1	0	0	0	0	0	0	0
2024	Simulation of transient dynamic response of a locomotive considering its flexibility and rigidity	Sharma R.C., Palli S., Dharmana L., Sharma S.K., Sharma A., Kharola A., Sharma N.	9574565	Noise and Vibration Worldwide	55	1-2	0	0	0	0	0	0	0
2024	Recent Advancements and Challenges of Abrasive Jet Machining: A Review	Kandpal B.C., Singh S.P., Johri N., Nafees K., Raghav A.S., Arshad, Gupta A.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2024	Nanotechnology-driven improvisation of red algae-derived carrageenan for industrial and bio-medical applications	James J., Verma M., Sharma N.	9593993	World Journal of Microbiology and Biotechnology	40	1	0	0	0	0	0	0	0
2024	Innovations and advances in enzymatic deconstruction of biomass and their sustainability analysis: A review	Singh S., Morya R., Jaiswal D.K., Keerthana S., Kim S.-H., Manimekalai R., Prudencio de Araujo Pereira A., Verma J.P.	13640321	Renewable and Sustainable Energy Reviews	189		0	0	0	0	0	0	0
2024	An intelligent technique for network resource management and analysis of 5G-IoT smart healthcare application	Gupta N., Juneja P.K., Sharma S., Garg U.	26305046	Journal of Autonomous Intelligence	7	1	0	0	0	0	0	0	0
2024	Experimental investigations on PVA/chitosan and PVA/chitin films for active food packaging using Oxytenanthera abyssinica lignin nanoparticles and its UV-shielding, antimicrobial, and antiradical effects	Worku L.A., Tadesse M.G., Bachheti A., Pandey D.P., Chandel A.K., Ewuntu A.W., Bachheti R.K.	1418130	International Journal of Biological Macromolecules	254		0	0	0	1	1	0	1
2024	Bismuth Ferrite Nanoparticle-Blended Carbon Soot-Based Cathode for Enhanced Power Production in Microbial Fuel Cell	Vempaty A., Sahni M., Pandit C., Pandit S., Mathuriya A.S., Chauhan S., Singh M., Vyas P.	3615235	Journal of Electronic Materials	53	1	0	0	0	0	0	0	0
2024	Powder agglomeration processes of bulk materials – A state of the art review on different granulation methods and applications	Szulc A., Skotnicka E., Gupta M.K., Krolczyk J.B.	325910	Powder Technology	431		0	0	0	0	0	0	0
2024	Heterogeneous photocatalytic degradation of antiviral drug didanosine mediated by rose bengal and TiO2 nanoparticles	Ahmad W., Kumar S., Verma M.	9106340	Analytical Sciences	40	1	0	0	0	0	0	0	0
2024	CE-VNE: Constraint escalation virtual network embedding algorithm assisted by graph convolutional networks	Zhang P., Luo Z., Kumar N., Guizani M., Zhang H., Wang J.	10848045	Journal of Network and Computer Applications	221		0	0	0	0	0	0	0
2024	Artificial Intelligence and Deep Learning Based Agri & Food Quality and Safety Detection System	Divyashree D., Abbaa S.H., Chauhan Y., Paliwal M.K., Pant K., Vidhate D.A., Shrivastava A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	1s	0	0	0	0	0	0	0
2024	An Effective Twitter Spam Detection Model using Multiple Hidden Layers Extreme Learning Machine	Maithili K., Prabhakara Rao T., Ambhika C., Divya Y., Supriya B.Y., Sundar R., Rao T., Balajee J.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	1s	0	0	0	0	0	0	0
2024	A Intelligent Hybrid Bio-Inspired (Raft Consensus-Foraging Hum-mingbird) for Distributed Storage System of Academic Information	Shilpa V.J., Sharma R.R., Kumar R., Pant K., Deepak A., Ray D.K.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	1s	0	0	0	0	0	0	0
2024	Design of Software Reliability Growth Model for Improving Accuracy in the Software Development Life Cycle (SDLC)	Kadam A.K., Krishna K.H., Varshney N., Deepak A., Pokhariya H.S., Hegde S.K., Patil V.H.	21476799	International Journal of Intelligent Systems and Applications in Engineering	12	1s	0	0	0	0	0	0	0
2024	Optimal task aborting and sequencing in time constrained multi-task multi-attempt missions	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	241		0	0	0	0	0	0	0
2024	Allocation and activation of resource constrained shock-exposed components in heterogeneous 1-out-of-n standby system	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	241		0	0	0	0	0	0	0
2024	Plant-based protein as an alternative to animal proteins: A review of sources, extraction methods and applications	Thakur S., Pandey A.K., Verma K., Shrivastava A., Singh N.	9505423	International Journal of Food Science and Technology	59	1	0	0	0	1	1	0	1
2024	MultiFeNet: Multi-scale feature scaling in deep neural network for the brain tumour classification in MRI images	Agrawal T., Choudhary P., Shankar A., Singh P., Diwakar M.	8999457	International Journal of Imaging Systems and Technology	34	1	0	0	0	0	0	0	0
2024	A Systematic Survey on Implementation of Fuzzy Regression Models for Real Life Applications	Khan M., Kumar R., Aledaily A.N., Kariri E., Viriyasitavat W., Yadav K., Dhiman G., Kaur A., Sharma A., Vimal S.	11343060	Archives of Computational Methods in Engineering	31	1	0	0	0	0	0	0	0
2024	ACKS-IA: An Access Control and Key Agreement Scheme for Securing Industry 4.0 Applications	Mishra A.K., Wazid M., Singh D.P., Das A.K., Roy S., Shetty S.	23274697	IEEE Transactions on Network Science and Engineering	11	1	0	0	2	0	2	0	2
2024	Review on microalgae protein and its current and future utilisation in the food industry	Bhatnagar P., Gururani P., Singh N., Gautam P., Vlaskin M.S., Kumar V.	9505423	International Journal of Food Science and Technology	59	1	0	0	0	0	0	0	0
2024	A Genetic-Algorithm-Based Dynamic Transmission of Data for Communicable Disease in IoMT Environment	Singh S., Nandan A.S., Sikka G., Malik A., Kumar N.	23274662	IEEE Internet of Things Journal	11	1	0	0	0	0	0	0	0
2024	Morphological, Functional, and Physico-Chemical Properties of Non-Conventional Starch Derived from Discarded Immature Apples	Makroo H.A., Manzoor N., Rather J.A., Ashraf Q.S., Gupta A.K., Bora J., Naqash F., Jabeen A., Majid D., Dar B.N.	389056	Starch/Staerke	76	1-2	0	0	0	1	1	0	1
2024	Novel Use of Cellulose Based Biodegradable Nano Crystals in the Machining of PPS Composites: An Approach Towards Green Machining	Sap S., Usca U.A., Tarih Y.S., Yar A., Kuntoglu M., Gupta M.K.	22886206	International Journal of Precision Engineering and Manufacturing - Green Technology	11	1	0	0	1	2	3	0	3
2024	Insights into the non-targeted metabolomic profile, rheological, functional and structural characteristics of rice bran and pulse protein isolates	Kumar A., Joshi R., Awasthi T., Singh N.	9505423	International Journal of Food Science and Technology	59	1	0	0	1	0	1	0	1
2024	A nomadic multi-agent based privacy metrics for e-health care: a deep learning approach	Dhasarathan C., Shanmugam M., Kumar M., Tripathi D., Khapre S., Shankar A.	13807501	Multimedia Tools and Applications	83	3	0	0	0	0	0	0	0
2024	RRV-BC: Random Reputation Voting Mechanism and Blockchain Assisted Access Authentication for Industrial Internet of Things	Zhang P., Yang P., Kumar N., Hsu C.-H., Wu S., Zhou F.	15513203	IEEE Transactions on Industrial Informatics	20	1	0	0	0	0	0	0	0

2024	Deep learning algorithm performance evaluation in detection and classification of liver disease using CT images	Manjunath R.V., Ghanshala A., Kwadiki K.	13807501	Multimedia Tools and Applications	83	1	0	0	0	0	0	0	0
2024	Synthesis of Pectin and Eggshell Biowaste-Mediated Nano-hydroxyapatite (nHAp), Their Physicochemical Characterizations, and Use as Antibacterial Material	Thakur P., Arivarasan V.K., Kumar G., Pant G., Kumar R., Pandit S., Pant M., Singh A., Gupta P.K.	2732289	Applied Biochemistry and Biotechnology	196	1	0	0	0	0	0	0	0
2024	Anti-cancer Activity of Biogenic Nat-ZnO Nanoparticles Synthesized Using Nyctanthes arbor-tristis (Nat) Flower Extract	Chabattula S.C., Gupta P.K., Govarthanan K., Varadaraj S., Rayala S.K., Chakraborty D., Verma R.S.	2732289	Applied Biochemistry and Biotechnology	196	1	0	0	0	1	1	0	1
2024	Optimization of long-term storage stability of Kusum biodiesel using herbal anti-oxidant	Pali H.S., Sharma A., Kumar N., Singh Y.	21906815	Biomass Conversion and Biorefinery	14	2	0	0	4	0	4	0	4
2024	Reliability analysis of m-out-of-r-within-k-out-of-n system	Tyagi S., Kumar A., Ram M.	3610918	Communications in Statistics: Simulation and Computation	53	2	0	0	0	0	0	0	0
2023	Processing on polylactic acid and its applications	Rakesh P.K., Ranakoti L., Pokhriyal M., Bhatt S., Bahuguna V.		Polylactic Acid Composites: Sustainable Biocomposites			0	0	0	0	0	0	0
2023	A novel survival analysis of machine using fuzzy ensemble convolutional based optimal RNN	Sankaranarayanan S., Gunasekaran E., shaikh A., Govinda Rao S.	9574174	Expert Systems with Applications	234		0	0	0	0	0	0	0
2023	Mpro Inhibition: A comparative In silico Therapeutics from Native Indian Plant Species	Apoorva, Yadav P., Singh P., Jha S.K.	22846808	Letters in Applied NanoBioScience	12	4	0	0	0	0	0	0	0
2023	Dynamic Behaviour of Railway Vehicle under Bump and Pothole Track Irregularities	Sharma R.C., Palli S., Bhardawaj S., Jha A.K., Duppala A., Sharma N., Sharma S., Dhiman N.	9753060	International Journal of Vehicle Structures and Systems	15	4	0	0	0	0	0	0	0
2023	Finite Element Analysis of Two Disk Rotor System used in Automobile Turbochargers	Bhardawaj S., Jha A.K., Sharma R.C., Palli S., Lokanadham D., Sharma N., Dhiman N.	9753060	International Journal of Vehicle Structures and Systems	15	4	0	0	0	0	0	0	0
2023	Ultracapacitor as selectable energy buffer in electric vehicle application	Badri Y.I., Sudabattula S.K., Hussain I., Malik H., Garcia Marquez F.P.	2352152X	Journal of Energy Storage	73		0	0	0	0	0	0	0
2023	Microplastic pollution: Understanding microbial degradation and strategies for pollutant reduction	Jain R., Gaur A., Suravajhala R., Chauhan U., Pant M., Tripathi V., Pant G.	489697	Science of the Total Environment	905		0	0	0	1	1	0	1
2023	Optical and electrical characteristics of perovskite solar cells incorporating MoO3 as an active layer	Gehlot H., Faujdar M., Pokhriyal S., Khatri N., Sharma A.K.	1469592	Optics Letters	48	24	0	0	0	0	0	0	0
2023	Computational analysis of heat and mass transfer flow of wall jet hybrid nanofluid with irregular heat source/sink effects and waste discharge concentration	Yaseen M., Rawat S.K., Khan U., Sarris I.E., Khan H., Negi A.S., Khan A., Sherif E.-S.M., Zaib A.	3048853	Journal of Magnetism and Magnetic Materials	588		0	0	0	1	1	0	1
2023	Multifunctional natural derived carbon quantum dots from Withania somnifera (L.) – Antiviral activities against SARS-CoV-2 pseudoviron	Nair A., Kuppusamy K., Nangan S., Natesan T., Haponiuk J.T., Thomas S., Ramasubburayan R., Gnanasekaran L., Selvaraj M., Gopi S.	139351	Environmental Research	239		0	0	0	0	0	0	0
2023	Synthetic waste derived graphitic carbon nitride (g-CN) and g-CN/carbon hybrid for supercapacitors	Devi M., Upadhyay S., Mir R.A., Kumar N., Sharma S.	2352152X	Journal of Energy Storage	73		0	0	0	1	1	0	1
2023	A Comparative Evaluation of Lung Cancer using Supervised Learning Methods	Rawat V., Singh D.P., Singh N., Poudel S.	0094243X	AIP Conference Proceedings	2855	1	0	0	0	0	0	0	0
2023	Revolutionizing Tuberculosis Treatment: Uncovering New Drugs and Breakthrough Inhibitors to Combat Drug-Resistant Mycobacterium tuberculosis	Verma A., Naik B., Kumar V., Mishra S., Choudhary M., Khan J.M., Gupta A.K., Pandey P., Rustagi S., Kakati B., Gupta S.	23738227	ACS Infectious Diseases	9	12	0	0	0	0	0	0	0
2023	Some T-spherical fuzzy dombi hamy mean operators and their applications to multi-criteria group decision-making process	Hussain A., Ullah K., Al-Quran A., Garg H.	10641246	Journal of Intelligent and Fuzzy Systems	45	6	0	0	0	0	0	0	0
2023	IndianFoodNet: Detecting Indian Food Items Using Deep Learning	Agarwal R., Choudhury T., Ahuja N.J., Sarkar T.	20460546	International Journal of Computational Methods and Experimental Measurements	11	4	0	0	0	0	0	0	0
2023	Temperature analysis of TG FinFET on electrical, RF and distortion parameters for wireless applications	Ansari M.U., Jha P., Sharma M., Mishra V.	26318695	Engineering Research Express	5	4	0	0	0	0	0	0	0
2023	The Effectiveness of Carbon Pricing Mechanism in Steering Financial Flows Toward Sustainable Projects	Bhatnagar M., Taneja S., Kumar P.	23982640	International Journal of Environmental Impacts	6	4	0	0	0	0	0	0	0
2023	Studies of reduced graphene oxide (rGO)/CuS nanocomposite for supercapacitor applications	Singhal R., Thorne D., Chaudhary M., Kumar A., Bhardwaj S., Abazi R., Colon A., Gupta R.K., Scanley J., Broadbridge C.C., Singh B.P., LeMaire P.K., Sharma R.K.	21583226	AIP Advances	13	12	0	0	0	1	1	0	1
2023	Medical Data Analysis Meets Artificial Intelligence (AI) and Internet of Medical Things (IoMT)	Diwakar M., Singh P., Ravi V.	23065354	Bioengineering	10	12	0	0	0	0	0	0	0
2023	Deep Learning Paradigm and Its Bias for Coronary Artery Wall Segmentation in Intravascular Ultrasound Scans: A Closer Look	Kumari V., Kumar N., Kumar K S., Kumar A., Skandha S.S., Saxena S., Khanna N.N., Laird J.R., Singh N., Fouda M.M., Saba L., Singh R., Suri J.S.	23083425	Journal of Cardiovascular Development and Disease	10	12	0	0	0	0	0	0	0
2023	Secure Biomedical Document Protection Framework to Ensure Privacy Through Blockchain	Jayaraman R., Alshehri M., Kumar M., Abugabah A., Samant S.S., Mohamed A.A.	21676461	Big Data	11	6	0	0	0	0	0	0	0
2023	A Perusal of Phenolics Within Polar Peel Fractions of Malus domestica var Maharaji via Hyphenated Techniques Cum Anti-microbial with REMA and Tyrosinase Inhibitory Potential thereof	Shah A.A., Singh S., Saini S., Pundir A., Saxena K., Gupta A.	9737510	Journal of Pure and Applied Microbiology	17	4	0	0	0	0	0	0	0
2023	Distinctive approach in brain tumor detection and feature extraction using biologically inspired DWT method and SVM	Kumar A., Pandey S.K., varshney N., Singh K.U., Singh T., Shah M.A.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0

2023	Early diagnosis and meta-agnostic model visualization of tuberculosis based on radiography images	Natarajan S., Sampath P., Arunachalam R., Shanmuganathan V., Dhiman G., Chakrabarti P., Chakrabarti T., Margala M.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0
2023	Analytical approach to assess anti-nutritional factors of grains and oilseeds: A comprehensive review	Purohit P., Rawat H., Verma N., Mishra S., Nautiyal A., Anshul, Bhatt S., Bisht N., Aggarwal K., Bora A., Kumar H., Rawal P., Kumar A., Kapoor R., Sehrawat J., Rather M.A., Naik B., Kumar V., Rustagi S., Preet M.S., Jha A.K., Gupta A.K.	26661543	Journal of Agriculture and Food Research	14		0	0	0	1	1	0	1
2023	Chemical vapour deposition synthesized novel LaFe2O3/Al2O3/Fe/CNT heterostructure for enhanced super-capacitive performance	Thakur V.N., Chetana S., Gajraj V., Kumar N., Joshi N.C., Basavakumar K.G.	9574522	Journal of Materials Science: Materials in Electronics	34	36	0	0	0	0	0	0	0
2023	Optimization and intelligent power management control for an autonomous hybrid wind turbine photovoltaic diesel generator with batteries	Rekioua D., Mokrani Z., Kakouche K., Rekioua T., Oubelaid A., Logerais P.O., Ali E., Bajaj M., Berhanu M., Ghoneim S.S.M.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0
2023	Glycolipid Biosurfactant-Assisted Remediation Strategy to Minimize the Petroleum Contaminant Footprint in Environmental Compartments	Ambust S., Purohit A., Das A.J., Kumar R., Ghosh D.	496979	Water, Air, and Soil Pollution	234	12	0	0	0	0	0	0	0
2023	Effects of A- and B-type starch granules on composition, structural, thermal, morphological, and pasting properties of starches from diverse wheat varieties	Kumar R., Singh N., Khatkar B.S.	27702081	Food Bioengineering	2	4	0	0	0	0	0	0	0
2023	Design of blockchain-enabled secure smart health monitoring system and its testbed implementation	Thapliyal S., Singh S., Wazid M., Singh D.P., Das A.K.	27729184	Cyber Security and Applications	1		0	0	0	0	0	0	0
2023	Sustainable agriculture	Datta S., Hamim I., Jaiswal D.K., Sungthong R.	14712229	BMC Plant Biology	23	1	0	0	0	0	0	0	0
2023	Melatonin: A potential abiotic stress regulator	Sati H., Chinchkar A.V., Kataria P., Pareek S.	2667064X	Plant Stress	10		0	0	0	0	0	0	0
2023	Evaluation of different machine learning algorithms for LULC classification in heterogeneous landscape by using remote sensing and GIS techniques	Pokhariya H.S., Singh D.P., Prakash R.	26318695	Engineering Research Express	5	4	0	0	0	0	0	0	0
2023	Plasma treatment: An alternative and sustainable green approach for decontamination of mycotoxin in dried food products	Ranjan R., Gupta A.K., Pandiselvam R., Chauhan A.K., Akhtar S., Jha A.K., Pratiksha, Ghosh T., Purohit S.R., Rather M.A., Prakash D., Singh R., Singh S., Joshi P., Kumar V., Naik B., Rustagi S., Preet M.S.	26661543	Journal of Agriculture and Food Research	14		0	0	0	0	0	0	0
2023	Prediction and classification of tool wear and its state in sustainable machining of Bohler steel with different machine learning models	Korkmaz M.E., Gupta M.K., Kuntoglu M., Patange A.D., Ross N.S., Yilmaz H., Chauhan S., Vashishtha G.	2632241	Measurement: Journal of the International Measurement Confederation	223		0	0	0	1	1	0	1
2023	Bacterial and Fungal Keratitis: Current Trends in Its Diagnosis and Management	Sharma S.P., Dwivedi S., Kumar S., Dhama K., Sharma A.K.	21965471	Current Clinical Microbiology Reports	10	4	0	0	0	0	0	0	0
2023	Advances in optical and electrochemical sensing of bisphenol a (BPA) utilizing microfluidic Technology: A mini perspective	Kumar P., Shimali, Chamoli S., Khondakar K.R.	10462023	Methods	220		0	0	0	0	0	0	0
2023	A review on hospital wastewater treatment technologies: Current management practices and future prospects	Bhandari G., Chaudhary P., Gangola S., Gupta S., Gupta A., Rafatullah M., Chen S.	22147144	Journal of Water Process Engineering	56		0	0	0	0	0	0	0
2023	A new efficient referential genome compression technique for FastQ files	Kumar S., Singh M.P., Nayak S.R., Khan A.U., Jain A.K., Singh P., Diwakar M., Soujanya T.	1438793X	Functional and Integrative Genomics	23	4	0	0	0	0	0	0	0
2023	Identification of habit specific bacteria in human saliva through Next-Generation Sequencing	Yadav S., Tripathi V., Saran V.	3790738	Forensic Science International	353		0	0	0	0	0	0	0
2023	Rewilding: a requirement for a sustainable future	Arya A.K.	20563132	BMC Zoology	8	1	0	0	0	0	0	0	0
2023	Assessment of pathogen removal efficiency of vertical flow constructed wetland treating septage	Singh S., Upadhyay S., Rani A., Sharma P.K., Rawat J.M., Rawat B., Prashant, Bhattacharya P.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0
2023	PCM embedded square channel receiver for effective operation of Net Zero Emission/Energy PDC building heating system	Sathish T., Saravanan R., Esther Jeyanthi C., Sabariraj R.V., Hemachandu P., Agbulut U., Ahamed Saleel C., Soudagar M.E.M.	22131388	Sustainable Energy Technologies and Assessments	60		0	0	0	0	0	0	0
2023	A hybrid B-spline collocation technique for the Caputo time fractional nonlinear Burgers' equation	Tamsir M., Nigam D., Dhiman N., Chauhan A.	23148535	Beni-Suef University Journal of Basic and Applied Sciences	12	1	0	0	0	0	0	0	0
2023	Understanding the machining characteristics of Al6082 hybrid metal matrix composites milled under cryogenic cooling conditions	Sivalingam V., Zhou Q., Manickajothi G., Ross N.S., Sun J., Gupta M.K., Korkmaz M.E., Nagamalai T.	2683768	International Journal of Advanced Manufacturing Technology	129	7-8	0	0	0	0	0	0	0
2023	Redactable Blockchain-Assisted Secure Data Aggregation Scheme for Fog-Enabled Internet-of-Farming-Things	Mishra R., Ramesh D., Bellavista P., Edla D.R.	19324537	IEEE Transactions on Network and Service Management	20	4	0	0	0	0	0	0	0
2023	Experimental and numerical assessment of the flexural response of banana fiber sandwich epoxy composite	Chenrayan V., Gebremaryam G., Shahapurkar K., Mani K., Fouad Y., Kalam M.A., Mubarak N.M., Soudagar M.E.M., Abusahmin B.S.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0

2023	Untapped potential of non-conventional rubus species: bioactivity, nutrition, and livelihood opportunities	Bhatt S.C., Naik B., Kumar V., Gupta A.K., Kumar S., Preet M.S., Sharma N., Rustagi S.	17464811	Plant Methods	19	1	0	0	0	0	0	0	0
2023	Insights into the harvesting tools and equipment's for horticultural crops: From then to now	Kaur B., Mansi, Dimri S., Singh J., Mishra S., Chauhan N., Kukreti T., Sharma B., Singh S.P., Arora S., Uniyal D., Agrawal Y., Akhtar S., Rather M.A., Naik B., Kumar V., Gupta A.K., Rustagi S., Preet M.S.	26661543	Journal of Agriculture and Food Research	14		0	0	0	0	0	0	0
2023	Optimizing Reliability in Total Artificial Heart Design Through Redundancy Strategies and Swarm-Inspired Optimization	Bhandari A.S., Rawat S., Sharma Y., Ram M., Kumar A.	23495103	International Journal of Applied and Computational Mathematics	9	6	0	0	0	0	0	0	0
2023	Synthesis and growth mechanism of ZnO nanocandles using thermal evaporation and their efficient CO sensing performance	Godiwal R., Gangwar A.K., Verma A.K., Vashishtha P., Kumar A., Chawla V., Gupta G., Singh P.	27730123	Micro and Nanostructures	184		0	0	0	2	2	0	2
2023	Numerical optimization of process parameters and quality stability of active edible coated jaggery cubes during storage	Asfaq, Chand K., Nasir G., Hussain A., Bisht B., upadhyay S., Ahmad S., Kumar S.	26661543	Journal of Agriculture and Food Research	14		0	0	0	0	0	0	0
2023	An approach for solving fully generalized intuitionistic fuzzy transportation problems	Beg I., Bisht M., Rawat S.	22383603	Computational and Applied Mathematics	42	8	0	0	0	0	0	0	0
2023	Carbon nano dots mixed rice bran oil as a cutting fluid for enhanced lubrication/cooling in milling of additively manufactured 316 stainless steel	Ross N.S., Mashinini P.M., Rai R., Gupta M.K.	1677322	Journal of Molecular Liquids	391		0	0	2	0	2	0	2
2023	Impact of O2/Ar gas ratio on the DC reactive magnetron sputtered NiO thin films for ultrafast detection with high sensitivity and selectivity towards H2S gas	Srivastava S., Gangwar A.K., Kumar A., Gupta G., Singh P.	27730123	Micro and Nanostructures	184		0	0	0	0	0	0	0
2023	Gluten free approach of biscuits preparation	Kohli D., Jain A., Singh O., Kumar S.	26661543	Journal of Agriculture and Food Research	14		0	0	0	0	0	0	0
2023	Chloroform Extract of Amarbel Vine for Developing Films on Copper's Surface Through Drop Casting and Spin Coating, and Comparative Investigation of Their Corrosion Behavior in Saline Water	Sharma R., Ji G.	21984220	Journal of Bio- and Tribo-Corrosion	9	4	0	0	0	0	0	0	0
2023	Environmentally benign, bright luminescent carbon dots from IV bag waste and chitosan for antimicrobial and bioimaging applications	Ramasubburayan R., Senthilkumar N., Kanagaraj K., Basumatary S., Kathiresan S., Manjunathan J., Revathi M., Selvaraj M., Prakash S.	139351	Environmental Research	238		0	0	0	1	1	0	1
2023	Assessment and ANN model development of natural light transmittance of light-transmitting concrete	Chiew S.M., Ibrahim I.S., Mohd Ariffin M.A., Lee H.-S., Singh J.K.	25901230	Results in Engineering	20		0	0	2	0	2	0	2
2023	Functional and nutritional prospectives of low-fat cookies fortified with jamun pulp, jamun seed, mango kernel powder	Kumar S., Keshav, Seluriyal P., Sharma S., Kumar V., Bisht B., Joshi S., Dobhal A., Saikumar A.	27725022	Applied Food Research	3	2	0	0	0	0	0	0	0
2023	An Implementation Framework for Resiliency Assessment in a Supply Chain	Sharma B., Mittal M.L., Soni G., Ramtiyal B.	9722696	Global Journal of Flexible Systems Management	24	4	0	0	0	1	1	0	1
2023	Molecular structure, spectral analysis and chemical activity of sabizabulin: A computational study	Dhasmana A., Mishra A.K., Khoja U.B., Mishra S.	10933263	Journal of Molecular Graphics and Modelling	125		0	0	1	0	1	0	1
2023	Insights on bio-functional properties of Myrica esculenta plant for nutritional and livelihood security	Bhatt S.C., Kumar V., Gupta A.K., Mishra S., Naik B., Rustagi S., Preet M.S.	2772753X	Food Chemistry Advances	3		0	0	0	0	0	0	0
2023	Computational analysis of lead free and highly efficient intrinsic Ch3NH3SnI3 based solar cell with suitable transport layers	Tiwari C., Gupta G.K., Mishra V.	26669501	Results in Optics	13		0	0	1	0	1	0	1
2023	Inferring linear-B cell epitopes using 2-step metaheuristic variant-feature selection using genetic algorithm	Angaitkar P., Aljrees T., Kumar Pandey S., Kumar A., Janghel R.R., Sahu T.P., Singh K.U., Singh T.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0
2023	People's perceptions on COVID-19 vaccination: an analysis of twitter discourse from four countries	Verma M., Moudgil N., Goel G., Pardeshi P., Joseph J., Kumar N., Singh K., Singh H., Kodali P.B.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0
2023	Numerical optimization of hypochlorous acid (HOCl) treatment parameters and its effect on postharvest quality characteristics of tomatoes	Saikumar A., Singh A., Kaur K., Kumar N., Sharma S., Dobhal A., Kumar S.	26661543	Journal of Agriculture and Food Research	14		0	0	2	1	3	0	3
2023	Bioinspired palladium-doped manganese oxide nanocorns: a remarkable antimicrobial agent targeting phyto/animal pathogens	Vikal S., Gautam Y.K., Kumar A., Kumar A., Singh J., Pratap D., Singh B.P., Singh N.	20452322	Scientific Reports	13	1	0	0	0	0	0	0	0
2023	Efficient reliability approximation for large k-out-of-n cold standby systems with position-dependent component lifetime distributions	Wang C., Wang X., Xing L., Guan Q., Yang C., Yu M.	9518320	Reliability Engineering and System Safety	240		0	0	0	0	0	0	0
2023	Ambipolarity Suppression of Band Gap and Gate Dielectric Engineered Novel Si0.2Ge0.8/GaAs JLTFET Using Gate Overlap Technique	Kumar K., Kumar A., Kumar V., Jain A., Sharma S.C.	1876990X	Silicon	15	18	0	0	0	0	0	0	0
2023	MCLA Task Offloading Framework for 5G-NR-V2X-Based Heterogeneous VECNs	Mirza M.A., Junsheng Y., Raza S., Ahmed M., Asif M., Irshad A., Kumar N.	15249050	IEEE Transactions on Intelligent Transportation Systems	24	12	0	0	1	0	1	0	1
2023	Blockchain-Based Partial Group Key Agreement Protocol for Intelligent Transportation Systems	Chhikara D., Rana S., Singh G., Mishra D., Kumar N.	189545	IEEE Transactions on Vehicular Technology	72	12	0	0	0	0	0	0	0
2023	Spatial attention-based residual network for human burn identification and classification	Yadav D.P., Aljrees T., Kumar D., Kumar A., Singh K.U., Singh T.	20452322	Scientific Reports	13	1	0	0	1	1	2	0	2
2023	Possibilistic index-based multi-criteria decision-making with an unknown weight of air pollution model under bipolar fuzzy environment	Garai T., Garg H., Biswas G.	14327643	Soft Computing	27	23	0	0	0	0	0	0	0
2023	Citrus fruit: Classification, value addition, nutritional and medicinal values, and relation with pandemic and hidden hunger	Richa R., Kohli D., Vishwakarma D., Mishra A., Kabdal B., Kothakota A., Richa S., Sirohi R., Kumar R., Naik B.	26661543	Journal of Agriculture and Food Research	14		0	0	3	1	4	0	4

2023	Quantum-Safe Secure and Authorized Communication Protocol for Internet of Drones	Mishra D., Singh M., Rewal P., Pursharthi K., Kumar N., Barnawi A., Rathore R.S.	189545	IEEE Transactions on Vehicular Technology	72	12	0	0	0	0	0	0	0
2023	A Multi-Agent Reinforcement Learning Approach for Massive Access in NOMA-URLLC Networks	Han H., Jiang X., Lu W., Zhai W., Li Y., Kumar N., Guizani M.	189545	IEEE Transactions on Vehicular Technology	72	12	0	0	1	0	1	0	1
2023	Performance investigation of state-of-the-art metaheuristic techniques for parameter extraction of solar cells/module	Sharma A., Sharma A., Averbukh M., Jately V., Rajput S., Azzopardi B., Lim W.H.	20452322	Scientific Reports	13	1	0	0	2	1	3	0	3
2023	Optimization of Rhodamine-B Dye Adsorption Using Moringa olifera Seed Pod Based NC, Phosphorylated NC and ZIF-8/pNC Composites	Vijayan J.G., Prabhu T.N., Asthana N.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	33	12	0	0	1	0	1	0	1
2023	Initial study on an expert system for spine diseases screening using inertial measurement unit	Pelc M., Vilimkova Kahankova R., Blaszczyszyn M., Mikolajewski D., Konieczny M., Khoma V., Bara G., Zygarlicki J., Martinek R., Gupta M.K., Gorzelanczyk E.J., Pawlowski M., Czapiga B., Zygarlicka M., Kawala-Sterniuk A.	20452322	Scientific Reports	13	1	0	0	1	0	1	0	1
2023	Energy management and power quality improvement of microgrid system through modified water wave optimization	Choudhury S., Varghese G.T., Mohanty S., Kolluru V.R., Bajaj M., Blazek V., Prokop L., Misak S.	23524847	Energy Reports	9		0	0	9	0	9	0	9
2023	Efficient data interpretation and artificial intelligence enabled IoT based smart sensing system	Shankar A.	2692821	Artificial Intelligence Review	56	12	0	0	0	0	0	0	0
2023	First Record of Breeding Behavior of Red-Whiskered Bulbul (Pycnonotus jocosus) in the Himalayan Foothills of India (Western Himalayas)	Arya A.K., Bhatt D., Gangopadhyay M., Bachheti A., Joshi K.K.	0250541X	National Academy Science Letters	46	6	0	0	0	0	0	0	0
2023	A fraction ranking-based multi-criteria decision-making method for water resource management under bipolar neutrosophic fuzzy environment	Garai T., Garg H., Biswas G.	2692821	Artificial Intelligence Review	56	12	0	0	1	0	1	0	1
2023	LEA U-Net: a U-Net-based deep learning framework with local feature enhancement and attention for retinal vessel segmentation	Ouyang J., Liu S., Peng H., Garg H., Thanh D.N.H.	21994536	Complex and Intelligent Systems	9	6	0	0	2	0	2	0	2
2023	A modified kNN algorithm to detect Parkinson's disease	Indu R., Dimri S.C., Malik P.	21926662	Network Modeling Analysis in Health Informatics and Bioinformatics	12	1	0	0	1	0	1	0	1
2023	The medicinal chemistry of Urtica dioica L.: from preliminary evidence to clinical studies supporting its neuroprotective activity	Semwal P., Rauf A., Olatunde A., Singh P., Zaky M.Y., Islam M.M., Khalil A.A., Aljohani A.S.M., Al Abdulmonem W., Ribaudo G.	21922195	Natural Products and Bioprospecting	13	1	0	0	0	0	0	0	0
2023	Micro- to macro-scaling analysis of PM2.5 in sensitive environment of Himalaya, India	Kimothi S., Chilkoti S., Rawat V., Thapliyal A., Gautam A.S., Gautam S.	721050	Geological Journal	58	12	0	0	1	2	3	0	3
2023	Agro-industrial waste: a cost-effective and eco-friendly substrate to produce amylase	Naik B., Kumar V., Rizwanuddin S., Chauhan M., Gupta A.K., Rustagi S., Kumar V., Gupta S.	26618974	Food Production, Processing and Nutrition	5	1	0	0	1	2	3	0	3
2023	Review of sub-synchronous interaction in wind integrated power systems: classification, challenges, and mitigation techniques	Verma N., Kumar N., Gupta S., Malik H., Garcia Marquez F.P.	23672617	Protection and Control of Modern Power Systems	8	1	0	0	6	2	8	0	8
2023	Bioactive constituents and health promoting compounds of underutilized fruits of the northern Himalayas of India: a review	Bachheti A., Deepti, Bachheti R.K., Singh A., Zebeaman M., Hunde Y., Husen A.	26618974	Food Production, Processing and Nutrition	5	1	0	0	1	0	1	0	1
2023	Synthesis, Characterization and Catalytic Activity of Bio-MCM-41 for Production of Bio Crude Oil via Pyrolysis of Rice Straw	Choudhary P., Sharma R., Kumar V., Singh A., Sharma N.	18772641	Waste and Biomass Valorization	14	12	0	0	2	0	2	0	2
2023	A robust MPPT approach based on first-order sliding mode for triple-junction photovoltaic power system supplying electric vehicle	Hamed S.B., Abid A., Hamed M.B., Sbita L., Bajaj M., Ghoneim S.S.M., Zawbaa H.M., Kamel S.	23524847	Energy Reports	9		0	0	10	0	10	0	10
2023	Performance improvement of Hybrid System based DFIG-Wind/PV/Batteries connected to DC and AC grid by applying Intelligent Control	Sahri Y., Tamalouzt S., Belaid S.L., Bajaj M., Ghoneim S.S.M., Zawbaa H.M., Kamel S.	23524847	Energy Reports	9		0	0	8	1	9	0	9
2023	Load balancing and service discovery using Docker Swarm for microservice based big data applications	Singh N., Hamid Y., Juneja S., Srivastava G., Dhiman G., Gadekallu T.R., Shah M.A.	2192113X	Journal of Cloud Computing	12	1	0	1	20	1	22	0	22
2023	An efficient and reliable scheduling algorithm for unit commitment scheme in microgrid systems using enhanced mixed integer particle swarm optimizer considering uncertainties	Premkumar M., Sowmya R., Ramakrishnan C., Jangir P., Houssein E.H., Deb S., Manoj Kumar N.	23524847	Energy Reports	9		0	0	10	2	12	0	12
2023	Eco-Conscious Creation: Navigating the Nexus of Sustainability and Production Design	Singh P.K., Chirade S., Taluja R., Yadav D.K., Srikanth A., Manjunatha, Karim M.M.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Harmonizing Innovation: The Path to Sustainable Design and Production	Singh P.K., Khatake P., Gori Y., Parmar A., Shivakumar P., Anandhi R.J., Kareem S.H.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Closing the Loop: Advances in Materials, Energy, and Waste Management	Bharadwaj G., Chopde S., Taluja R., Lalitha G., Chandrashekar R., Dhahi H.A.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Key Enabler on Efficient Resource Utilization: Technical and Managerial Investigations for Sustainable Materials and Energy Management	Yadav R., Bhong M., Aswal U.S., Kumar M., Reddy C.V., Rajalakshmi B., Albazoni H.J.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0

2023	Reshaping Industry: Adoption of Sustainable Techniques providing Remanufacturing Solutions in High-Tech industries	Sharma A., Gaikwad A., Singh D.P., Kalra R., Keerthi S.S., Raj V.H., Shaghnab M.L.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Regenerative Manufacturing: Crafting a Sustainable Future through Design and Production	Badhoutiya A., Darokar H., Verma R.P., Saraswat M., Devaraj S., Raj V.H., Abdulhussain Z.N.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Sustainability by Design: Innovative Ways of Revolutionizing Production Practices for a Better Tomorrow	Dixit K.K., Dharme A., Singh D.P., Kalra R., Bhavani B., Asha V., Abdulsada Z.R.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Blueprints for Green Horizons: Sustainable Strategies in Design and Production	Badhoutiya A., Meshram V., Gori Y., Yadav D.K., Viswanath G., Revathi V., Brayyich M.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Maximizing towards the Sustainability: Integrating Materials, Energy, and Resource Efficiency in revolutionizing Manufacturing Industry	Chaturvedi R., Darokar H., Patil P.P., Kumar M., Sangeeta K., Aravinda K., Kadhim A.A.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Eco-Revolution: Exploration on Advancing Remanufacturing for a Greener Future	Yadav R., Ingole S., Verma R.P., Khan I., Ramana Devi K.V., Revathi V., Abbas H.A.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Reinventing Production: A Case Study on implementing the strategic Innovations in Sustainable Remanufacturing	Sharma A., Bhong M., Patil P.P., Saraswat M., Vinod Kumar S., Manjunatha, Shakier H.G.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	From Waste to Worth Management: A Comprehensive Intelligent Approach to Resource Utilization and Waste Minimization	Sharma N., Ingole S., Pokhariya H.S., Parmar A., Shilpa K., Reddy U., Hussny H.A.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Digital Dimensions: Unveiling the Potential of E-Design and Virtual Prototyping	Yadav K., Chirade S., Banerjee M., Sharma M., Ramya N.S., Aravinda K., Alwan A.A.	25550403	E3S Web of Conferences	453		0	0	0	0	0	0	0
2023	Determination of cell size/structures and mechanical properties of additively manufactured metallic components using X-ray technique	Moj K., Owsinski R., Robak G., Gupta M.K.	13552546	Rapid Prototyping Journal	29	10	0	0	0	0	0	0	0
2023	Numerical analysis of magnetohydrodynamics in an Eyring-Powell hybrid nanofluid flow on wall jet heat and mass transfer	Yaseen M., Rawat S.K., Khan U., Sarris I.E., Khan H., Negi A.S., Khan A., Sherif E.M., Hassan A.M., Zaib A.	9574484	Nanotechnology	34	48	0	0	2	3	5	0	5
2023	An ensemble design of a cash crops-warehouse receipt system (WRS) based on blockchain smart contracts	Shao D., Kombe C., Saxena S.	20440839	Journal of Agribusiness in Developing and Emerging Economies	13	5	0	0	1	0	1	0	1
2023	Statistical analysis for the water quality of rivers of Uttarakhand, India	Stehlik M., Bal K.J., Pant K., Stehlikova S., Soza L.N.	0094243X	AIP Conference Proceedings	2953	1	0	0	0	0	0	0	0
2023	Magnetic SWCNT–Ag/H2O nanofluid flow over cone with volumetric heat generation	Pandey A.K., Upreti H., Uddin Z.	2179792	International Journal of Modern Physics B	37	29	0	0	9	2	11	0	11
2023	Blending of a 3D cloud-like morphology with a 1D structure in a VO2/MXene nanocomposite to enhance the charge storage capability	Kumar N., Ansari M.N.M., Upadhyay S., Gajraj V., Chetana S., Joshi N.C., Sikiru S., Sen A.	20507526	Journal of Materials Chemistry C	11	48	0	0	0	0	0	0	0
2023	An empirical survey of topologies, evolution, and current developments in multilevel inverters	Ezhilarasan G., Mohanraj K., Vishnuram P., Bajaj M., Blazek V., Prokop L., Misak S.	11100168	Alexandria Engineering Journal	83		0	0	0	0	0	0	0
2023	The heat transfer and fluid flow characteristics of water/Fe3O4 ferrofluid flow in a tube with V-cut twisted tape turbulator under the magnetic field effect	Sun C., Geng Y., Glowacz A., Sulowicz M., Ma Z., Siarry P., Gupta M.K., Li Z.	3048853	Journal of Magnetism and Magnetic Materials	586		0	0	0	0	0	0	0
2023	Sustainable preparation of luminescent carbon dots from syringe waste and hyaluronic acid for cellular imaging and antimicrobial applications	Nangan S., Kanagaraj K., Kaarthikeyan G., Kumar A., Ubaidullah M., Pandit B., Govindasamy R., Natesan T.	139351	Environmental Research	237		0	0	0	2	2	0	2
2023	A new approach of measurement and analysis of PVD - TiAlN coated carbide tools in machining of Monel 400 alloy under hybrid cooling conditions	Ross N.S., Gopinath C., Sivaraman V., Ananth M.B.J., Gupta M.K., Erdi Korkmaz M., Jamil M., Ganesh M.	2632241	Measurement: Journal of the International Measurement Confederation	221		0	0	1	0	1	0	1
2023	Enhanced H2S gas sensing of Pd functionalized NiO thin films deposited by the magnetron sputtering process	Srivastava S., Dwivedi C., Yadav A., Kumar A., Gupta G., Singh P.	0167577X	Materials Letters	351		0	0	0	1	1	0	1
2023	UGF-based signature reliability for solar panel k-out-of-n- multiplex systems	Ram M., Kumar A., Naaz S.	13552511	Journal of Quality in Maintenance Engineering	29	4	0	0	2	0	2	0	2
2023	Signature reliability scrutiny of domestic refrigerator	Naaz S., Ram M., Kumar A.	0265671X	International Journal of Quality and Reliability Management	40	10	0	0	2	0	2	0	2
2023	Preface	Bachheti R.K., Bachheti A.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0
2023	Photochemistry, medicinal and commercial applications of Beta vulgaris L.	Purohit M.C., Kandwal A., Purohit S., Bachheti A., Khajuria A.K.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0
2023	Medicinal roots and tubers for pharmaceutical and commercial applications	Bachheti R.K., Bachheti A.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0
2023	Curcuma longa (Turmeric) a magical rhizome	Tessema F.B., Gonfa Y.H., Tadesse M.G., Bachheti A., Husen A., Bachheti R.K.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0
2023	Medicinal and commercial uses of Angelica roots	Kandwal A., Bachheti R.K., Purohit S., Bachheti A., Khajuria A.K.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0
2023	Boesenbergia pandurata: An overview of medicinal use, ethnopharmacology, and phytochemistry	Wassie A.T., Bachheti A., Husen A., Bachheti R.K.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0
2023	Radish: Health benefits and medicinal uses	Gupta S., Mudgal B., Verma D., Mitra D., Bachheti A., Bachheti R.K.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0

2023	Medicinal and commercial application of Zingiber officinale	Zebeaman M., Tadesse M.G., Bachheti R.K., Bachheti A., Gebeyhu R., Chaubey K.K.		Medicinal Roots and Tubers for Pharmaceutical and Commercial Applications			0	0	0	0	0	0	0
2023	CViT: A Convolution Vision Transformer for Video Abnormal Behavior Detection and Localization	Roka S., Diwakar M.	2662995X	SN Computer Science	4	6	0	0	0	0	0	0	0
2023	Si-Ge based vertical tunnel field-effect transistor of junction-less structure with improved sensitivity using dielectric modulation for biosensing applications	Agarwal L., Mishra V., Dwivedi R.P., Goyal V., Tripathi S.	16741056	Chinese Physics B	32	12	0	0	0	0	0	0	0
2023	Graph- and Machine-Learning-Based Texture Classification	Ali M., Kumar S., Pal R., Singh M.K., Saini D.	20799292	Electronics (Switzerland)	12	22	0	0	0	0	0	0	0
2023	Identification of tool wear and surface morphology measurements in sustainable milling of Al 6082 hybrid metal matrix composite	Sivalingam V., Zhou Q., Sworna Ross N., Tiwari S., Selvam B., Sun J., Kumar Gupta M.	22387854	Journal of Materials Research and Technology	27		0	0	0	0	0	0	0
2023	Optimizing Image Classification: Automated Deep Learning Architecture Crafting with Network and Learning Hyperparameter Tuning	Ang K.M., Lim W.H., Tiang S.S., Sharma A., Eid M.M., Tawfeek S.M., Khafaga D.S., Alharbi A.H., Abdelhamid A.A.	23137673	Biomimetics	8	7	0	0	0	0	0	0	0
2023	Experimental and theoretical investigation of palladium-doped zinc oxide nanorods for NO2 gas sensor	Ambedkar A.K., Gautam D., Singh M., Vikal S., Singh B.P., Malik A.K., Kang S.B., Kumar A., Sanger A., Gautam Y.K.	9574522	Journal of Materials Science: Materials in Electronics	34	33	0	0	0	0	0	0	0
2023	Influence of post heat treatment on metallurgical, mechanical, and corrosion analysis of wire arc additive manufactured inconel 625	Sharma H., Singla J., Singh V., Singh J., Kumar H., Bansal A., Singla A.K., Goyal D.K., Gupta M.K.	22387854	Journal of Materials Research and Technology	27		0	0	0	0	0	0	0
2023	Nanofertilizers – Emerging smart fertilizers for modern and sustainable agriculture	Kaur H., Hussain S.J., Mir R.A., Chandra Verma V., Naik B., Kumar P., Dubey R.C.	18788181	Biocatalysis and Agricultural Biotechnology	54		0	0	0	0	0	0	0
2023	Ditch incorporated organic thin film transistor based organic all-p inverter: a novel approach	Gupta S., Mittal P., Juneja P.	318949	Physica Scripta	98	11	0	0	0	1	1	0	1
2023	Towards specific cutting energy analysis in the machining of Inconel 601 alloy under sustainable cooling conditions	Korkmaz M.E., Gupta M.K., Yilmaz H., Ross N.S., Boy M., Sivalingam V.K., Chan C.K., Raman J.	22387854	Journal of Materials Research and Technology	27		0	0	0	0	0	0	0
2023	Development of machine learning algorithm for assessment of heat transfer of ternary hybrid nanofluid flow towards three different geometries: Case of artificial neural network	Mishra A., Rawat S.K., Yaseen M., Pant M.	24058440	Heliyon	9	11	0	0	0	1	1	0	1
2023	Melatonin: A biomolecule for mitigating postharvest chilling injury in fruits and vegetables	Sati H., Kataria P., Chinchkar A.V., Pareek S.	0011183X	Crop Science	63	6	0	0	1	0	1	0	1
2023	3-D spatial correlation model for reducing the transmitting nodes in densely deployed WSN	Garg R.K., Soni S.K., Vimal S., Dhiman G.	1419331	Microprocessors and Microsystems	103		0	0	0	0	0	0	0
2023	An Analytical Insight of Discussions and Sentiments of Indians on Omicron-Driven Third Wave of COVID-19	Vatsa D., Yadav A., Singh P., Diwakar M.	2662995X	SN Computer Science	4	6	0	0	0	1	1	0	1
2023	Wear behavior of different coated tools in MQL-assisted milling of magnesium-based rare-earth alloys	Li L., Xu J., Guo G., Gupta M.K., Chen M.	22387854	Journal of Materials Research and Technology	27		0	0	0	0	0	0	0
2023	Performance assessment of nano-Al2O3 enriched coconut oil as a cutting fluid in MQL-assisted machining of AISI-1040 steel	Tiwari S., Amarnath M., Gupta M.K., Makhesana M.A.	2683768	International Journal of Advanced Manufacturing Technology	129	3-4	0	0	0	0	0	0	0
2023	Simultaneous microbial electrochemical degradation of methyl orange and bioelectricity generation using coculture as anode inoculum in a microbial fuel cell	Naaz T., Sharma K., Roy A., Singh Mathuriya A., Yadav V., Pandit S., Hasan M., Anand J., Joshi S., Sharma R.	2786915	Food and Chemical Toxicology	181		0	0	0	1	1	0	1
2023	Novel use of cryogenic cooling conditions in improving the machining performance of Al 8011/nano-SiC composites	Ross N.S., Manasea Selvin B.J.A., Nagarajan S., Mashinini P.M., Dharmalingam S.K., Savio A.P., Gupta M.K., Korkmaz M.E.	2683768	International Journal of Advanced Manufacturing Technology	129	3-4	0	0	0	0	0	0	0
2023	A Novel Technological Review on Fast Charging Infrastructure for Electrical Vehicles: Challenges, Solutions, and Future Research Directions	Ravindran M.A., Nallathambi K., Vishnuram P., Rathore R.S., Bajaj M., Rida I., Alkhayyat A.	11100168	Alexandria Engineering Journal	82		0	0	0	1	1	0	1
2023	Influence of synthesizing parameters on surface qualities of aluminium alloy AA5083/ CNT/MoS2 nanocomposite in powder metallurgy technique	Sathish T., Saravanan R., Kumar A., Prakash C., Shahazad M., Gupta M., Senthilkumar N., Pandit B., Ubaidullah M., Smirnov V.A.	22387854	Journal of Materials Research and Technology	27		0	0	0	0	0	0	0
2023	Machine Learning Based Approach for User Story Clustering in Agile Engineering	Kumar B., Tiwari U.K., Dobhal D.C.	2662995X	SN Computer Science	4	6	0	0	0	0	0	0	0
2023	Modelling and analysis of new organic thin film temperature sensor	Rathod A.P.S., Mishra A.	25396293	Asia-Pacific Journal of Science and Technology	28	6	0	0	0	0	0	0	0
2023	Evaluation of tribological interactions and machinability of Ti6Al4V alloy during finish turning under different cooling conditions	Leksycki K., Maruda R.W., Feldshtein E., Wojciechowski S., Habrat W., Gupta M.K., Krolczyk G.M.	0301679X	Tribology International	189		0	0	0	0	0	0	0
2023	Application of nanomaterials as potential quorum quenchers for disease: Recent advances and challenges	Alghamdi S., Khandelwal K., Pandit S., Roy A., Ray S., Alsaiari A.A., Aljuaid A., Almehmadi M., Allahyani M., Sharma R., Anand J., Alshareef A.A.	796107	Progress in Biophysics and Molecular Biology	184		0	0	0	0	0	0	0
2023	P(VDF-TrFE)/PVP/ionic liquid-based piezo-ionic polymer blend for touch sensing applications	Panwar V., Khanduri P., Ansari M.U., Anoop G., Park S.	9244247	Sensors and Actuators A: Physical	362		0	0	0	0	0	0	0
2023	Clonal propagation and hardening of epiphytic orchids (Aerides multiflora and Rhyncostylis retusa) for sustainable conservation and utilization	Lal A., Pant M., Kumar A., Palni L.M.S., Singh A., Siddiqui M.R., Husen A.	2546299	South African Journal of Botany	162		0	0	0	0	0	0	0

2023	Exploring the nanoparticle's shape effect on boundary layer flow of hybrid nanofluid over a thin needle with quadratic Boussinesq approximation: Legendre wavelet approach	Upreti H., Pandey A.K., Gupta T., Upadhyay S.	13886150	Journal of Thermal Analysis and Calorimetry	148	22	0	0	1	1	2	0	2
2023	Enhanced removal and stepwise recovery of inorganic and organic micropollutants from water using novel graphene oxide doped multifunctional β–cyclodextrin chitosan polymer	Verma M., Hong Y., Kumar V., Bisht B., Vlaskin M.S., Chae S.-H., Shah K.J., Kim H.	223697	Journal of Physics and Chemistry of Solids	182		0	0	1	1	2	0	2
2023	A novel framework for enhancing the power quality of electrical vehicle battery charging based on a modified Ferdowsi Converter	Kumar B.A., Jyothi B., Rathore R.S., Singh A.R., Kumar B.H., Bajaj M.	23524847	Energy Reports	10		0	0	1	0	1	0	1
2023	A comprehensive review on demand side management and market design for renewable energy support and integration	Panda S., Mohanty S., Rout P.K., Sahu B.K., Parida S.M., Samanta I.S., Bajaj M., Piecha M., Blazek V., Prokop L.	23524847	Energy Reports	10		0	0	2	1	3	0	3
2023	A time-efficient and noise-resistant cryptosystem based on discrete wavelet transform and chaos theory: An application in image encryption	Mehmood A., Shafique A., Chaudhry S.A., Alawida M., Khan A.N., Kumar N.	22142134	Journal of Information Security and Applications	78		0	0	0	0	0	0	0
2023	Microbiome based approaches for the degradation of polycyclic aromatic hydrocarbons (PAHs): A current perception	Kaur R., Gupta S., Tripathi V., Chauhan A., Parashar D., Shankar P., Kashyap V.	456535	Chemosphere	341		0	0	1	3	4	0	4
2023	Designing soft computing algorithms to study heat transfer simulation of ternary hybrid nanofluid flow between parallel plates in a parabolic trough solar collector: Case of artificial neural network and particle swarm optimization	Rawat S.K., Yaseen M., Pant M., Ujarari C.S., Joshi D.K., Chaube S., Negi A.S., Kumar M.	7351933	International Communications in Heat and Mass Transfer	148		0	0	2	3	5	0	5
2023	Waste plastics derived nickel-palladium alloy filled carbon nanotubes for hydrogen evolution reaction	Nangan S., Natesan T., Sukmas W., Okhawilai M., Justice Babu K., Tsuppayakorn-aek P., Bovornratanaraks T., Wongsalam T., Vimal V., Uyama H., Al-Enizi A.M., Kansal L., Sehgal S.S.	456535	Chemosphere	341		0	0	1	1	2	0	2
2023	Reusing waste plastic bottle to reduce MoO3 into carbon-supported MoO2 nanoparticles for efficient water electrolysis	Upadhyay S., Mir R.A., Kumar N., Pandey O.P., Sen A.	24680230	Surfaces and Interfaces	42		0	0	0	0	0	0	0
2023	Properties of Iron Fortified Starches and Their Chapatti Making Potential	Bajaj R., Trehan S., Singh N., Kaur A., Passi V.	389056	Starch/Staerke	75	11-12	0	0	0	0	0	0	0
2023	Enhancing the bio-prospective of microalgae by different light systems and photoperiods	Parveen A., Bhatnagar P., Gautam P., Bisht B., Nanda M., Kumar S., Vlaskin M.S., Kumar V.	1474905X	Photochemical and Photobiological Sciences	22	11	0	0	0	0	0	0	0
2023	Bio-oil and biochar production from Ageratum conyzoides using triple-stage hydrothermal liquefaction and utilization of biochar in removal of multiple heavy metals from water	Verma M., Lee I., Pandey S., Nanda M., Kumar V., Chauhan P.K., Kumar S., Vlaskin M.S., Kim H.	456535	Chemosphere	340		0	0	0	0	0	0	0
2023	Identification of photovoltaic module parameters by implementing a novel teaching learning based optimization with unique exemplar generation scheme (TLBO-UEGS)	Sharma A., Lim W.H., El-Kenawy E.-S.M., Tiang S.S., Bhandari A.S., Alharbi A.H., Khafaga D.S.	23524847	Energy Reports	10		0	0	2	0	2	0	2
2023	A prospect theory-based MABAC algorithm with novel similarity measures and interactional operations for picture fuzzy sets and its applications	Wang T., Wu X., Garg H., Liu Q., Chen G.	9521976	Engineering Applications of Artificial Intelligence	126		0	0	2	2	4	0	4
2023	A Systematic Review on Fuzzy-Based Multi-objective Linear programming Methodologies: Concepts, Challenges and Applications	Gulia P., Kumar R., Viriyasitavat W., Aledaily A.N., Yadav K., Kaur A., Dhiman G.	11343060	Archives of Computational Methods in Engineering	30	8	0	0	1	0	1	0	1
2023	Numerical investigation of shock Mach number effects on Richtmyer–Meshkov instability in a heavy square bubble	Singh S., Battiato M.	1672789	Physica D: Nonlinear Phenomena	453		0	0	0	1	1	0	1
2023	Microwave-assisted single step green synthesis of NiO nanoparticles using Coleus scutellariodes leaf extract for the photocatalytic degradation of rufloxacin	Ahmad W., Kaur N.	20598521	MRS Advances	8	15	0	0	1	1	2	0	2
2023	Assessing the failure of Open Government Data initiatives in Brazil	Wiedenhoft G.C., Alexopoulos C., Saxena S., Rizun N., Matheus R.	16814835	Electronic Journal of Information Systems in Developing Countries	89	6	0	0	0	0	0	0	0
2023	Lightweight and Secure Multi-Factor Authentication Scheme in VANETs	Tahir H., Mahmood K., Ayub M.F., Saleem M.A., Ferzund J., Kumar N.	189545	IEEE Transactions on Vehicular Technology	72	11	0	0	2	0	2	0	2
2023	Three-dimensional Softmax Mechanism Guided Bidirectional GRU Networks for Hyperspectral Remote Sensing Image Classification	Wu G., Ning X., Hou L., He F., Zhang H., Shankar A.	1651684	Signal Processing	212		0	0	3	1	4	0	4
2023	Mean Field Game and Broadcast Encryption-Based Joint Data Freshness Optimization and Privacy Preservation for Mobile Crowdsensing	Yang Y., Zhang B., Guo D., Xu R., Kumar N., Wang W.	189545	IEEE Transactions on Vehicular Technology	72	11	0	0	1	0	1	0	1
2023	A State-of-the-Art Review on Recently Developed Sustainable and Green Cooling/Lubrication Technologies in Machining Metal Matrix Composites (MMCs)	Laghari R.A., He N., Jamil M., Hussain M.I., Gupta M.K., Krolczyk G.M.	22886206	International Journal of Precision Engineering and Manufacturing - Green Technology	10	6	0	0	3	0	3	0	3
2023	An extension of CODAS method for multi-criteria group decision making with complex intuitionistic fuzzy information via Dombi sine weighted arithmetic aggregation operators	Garg H., Olgun M., Unver M., Turkarslan E.	23644966	Granular Computing	8	6	0	0	1	0	1	0	1
2023	A systematic review of social network sentiment analysis with comparative study of ensemble-based techniques	Tiwari D., Nagpal B., Bhati B.S., Mishra A., Kumar M.	2692821	Artificial Intelligence Review	56	11	0	0	1	1	2	0	2
2023	What digital-enabled dynamic capabilities support the circular economy? A multiple case study approach	Neri A., Negri M., Cagno E., Kumar V., Garza-Reyes J.A.	9644733	Business Strategy and the Environment	32	7	0	0	2	2	4	0	4
2023	Effectiveness analysis of twelve sectors of DTC based on a newly modified switching table implemented on a wind turbine DFIG system under variable wind velocity	Sahri Y., Tamalouzt S., Lalouni Belaid S., Bajaj M., Belkhier Y., Singh A.R., El-Naggar M.F., Kamel S.	20904479	Ain Shams Engineering Journal	14	11	0	0	5	0	5	0	5
2023	The role of digital technologies in supporting the implementation of circular economy practices by industrial small and medium enterprises	Neri A., Negri M., Cagno E., Franzo S., Kumar V., Lampertico T., Bassani C.A.	9644733	Business Strategy and the Environment	32	7	0	0	5	4	9	0	9

2023	An interactive web-based tool for predicting and exploring brain cancer survivability	Nath G., Coursey A., Li Y., Prabhu S., Garg H., Halder S.C., Sengupta S.	27724425	Healthcare Analytics	3		0	0	3	0	3	0	3
2023	Usability and accessibility-based quality evaluation of Indian airline websites: An MCDM approach	Agrawal G., Dumka A., Singh M.	16155289	Universal Access in the Information Society	22	4	0	0	1	0	1	0	1
2023	Metadata quality matters in open government data (OGD) evaluation! An empirical investigation of OGD portals of the GCC constituents	Chokki A.P., Alexopoulos C., Saxena S., Frenay B., Vanderose B., Ali M.	17506166	Transforming Government: People, Process and Policy	17	3	0	0	3	0	3	0	3
2023	Interface Engineering-Driven Room-Temperature Ultralow Gas Sensors with Elucidating Sensing Performance of Heterostructure Transition Metal Dichalcogenide Thin Films	Kumar A., Sanger A., Kang S.B., Chandra R.	23793694	ACS Sensors	8	10	0	0	0	0	0	0	0
2023	A continuous improvement implementation framework for manufacturing companies: a Delphi study-based approach for development and validation	McLean R.S., Antony J., Garza-Reyes J.A., Samadhiya A.	0265671X	International Journal of Quality and Reliability Management	40	9	0	0	0	0	0	0	0
2023	Review on AI-based diagnosis of Parkinson's disorders	Kuba A., Rastogi B., Sah A., Rawat S.		AI and IoT-Based Technologies for Precision Medicine			0	0	0	0	0	0	0
2023	Characterization of thermophysical properties of dry ice-based ethanol/ester oil and its influence on surface hardening of machined Ti-6Al-4V alloy	Gupta M.K., Jamil M., Hussain G., Alkahtani M., Haider Abidi M., Krolczyk G.M.	1677322	Journal of Molecular Liquids	388		0	0	0	0	0	0	0
2023	Enhanced Visible-Light Photodetection with Undoped and Doped ZnO Thin-Film Self-Powered Photodetectors	Singh M., Ambedkar A.K., Tyagi S., Kumar A., Kumar A., Gautam Y.K., Sharma K., Singh B.P.	24701343	ACS Omega	8	40	0	0	0	0	0	0	0
2023	Development of integrated V2O5/mSi for supercapacitors: Exhibiting diffusion controlled charge storage dominance	Juyal S., Mishra A., Agarwal V., Kumar A., Vikram K., Prasad B., Ummer, Gill F.S.	9258388	Journal of Alloys and Compounds	959		0	0	1	1	2	0	2
2023	A Review of Wheel-Rail Contact Mechanics for Railway Vehicles	Bhardawaj S., Sharma R.C., Gupta P., Dobriyal R., Sharma A., Pant M.	9753060	International Journal of Vehicle Structures and Systems	15	3	0	0	0	0	0	0	0
2023	An evaluation of the operational and regulatory aspects of using blockchain in the insurance industry	Taneja S., Dangwal A., Kaur S., Ozen E., Kukreti M.		The Application of Emerging Technology and Blockchain in the Insurance Industry			0	0	0	0	0	0	0
2023	Blockchain technologies, a catalyst for insurance sector	Khanna R., Jindal P., Noja G.G.		The Application of Emerging Technology and Blockchain in the Insurance Industry			0	0	0	0	0	0	0
2023	Thermo-hydraulic investigation of two stepped micro pin fin heat sink having variable step size	Bhandari P., Ranakoti L., Bisht V.S., Lila M.K., Kumar K., Joshi K., Raju N.V.G., Sobti R., Jayahari L.	25550403	E3S Web of Conferences	430		0	0	0	0	0	0	0
2023	Comprehensive analysis of tool wear, surface roughness and chip morphology in sustainable turning of Inconel-601 alloy	Korkmaz M.E., Gupta M.K., Gunay M., Boy M., Yasar N., Demirsoz R., Ross K.N.S., Abbas Y.	15266125	Journal of Manufacturing Processes	103		0	0	2	0	2	0	2
2023	Dosimetric Comparison of Unmatched Flattening Filter-free and Flattened Beams in Volumetric Arc Therapy Plans for Head-and-neck Cancer	Kumar A., Sharma K., Bhatt C.P., Garg A.	9716203	Journal of Medical Physics	48	4	0	0	0	0	0	0	0
2023	Green Financing as a Bridge Between Green Banking Strategies and Environmental Performance in Punjab, India	Bansal N., Taneja S., Ozen E.	17437601	International Journal of Sustainable Development and Planning	18	10	0	0	0	0	0	0	0
2023	MTLBORKS-CNN: An Innovative Approach for Automated Convolutional Neural Network Design for Image Classification	Ang K.M., Lim W.H., Tiang S.S., Sharma A., Towfek S.K., Abdelhamid A.A., Alharbi A.H., Khafaga D.S.	22277390	Mathematics	11	19	0	0	0	0	0	0	0
2023	Neural Network-Driven Sensorless Speed Control of EV Drive Using PMSM	Mohan H., Agrawal G., Jately V., Sharma A., Azzopardi B.	22277390	Mathematics	11	19	0	0	0	0	0	0	0
2023	Role of Allee Effect, Hunting Cooperation, and Dispersal to Prey-Predator Model	Akanksha, Shivam, Kumar S., Singh T.	2181274	International Journal of Bifurcation and Chaos	33	13	0	0	0	0	0	0	0
2023	Kookaburra Optimization Algorithm: A New Bio-Inspired Metaheuristic Algorithm for Solving Optimization Problems	Dehghani M., Montazeri Z., Bektemyssova G., Malik O.P., Dhiman G., Ahmed A.E.M.	23137673	Biomimetics	8	6	0	0	2	0	2	0	2
2023	Lyrebird Optimization Algorithm: A New Bio-Inspired Metaheuristic Algorithm for Solving Optimization Problems	Dehghani M., Bektemyssova G., Montazeri Z., Shaikemelev G., Malik O.P., Dhiman G.	23137673	Biomimetics	8	6	0	0	0	0	0	0	0
2023	Synthesis of lignin nanoparticles from Oxytenanthera abyssinica by nanoprecipitation method followed by ultrasonication for the nanocomposite application	Abate Worku L., Kumar Bachheti R., Getachew Tadesse M., Bachheti A., Ali D., Kumar G., Kumar Chaubey K., Juyal A., Almarzoug M.H.A.	10183647	Journal of King Saud University - Science	35	7	0	0	1	1	2	0	2
2023	Essential oils-based nano-emulsion system for food safety and preservation: Current status and future prospects	Lakshmayya N.S.V., Mishra A.K., Mohanta Y.K., Panda J., Naik B., Mishra B., Varma R.S.	18788181	Biocatalysis and Agricultural Biotechnology	53		0	0	0	0	0	0	0
2023	Enhancing IoT Security through a Green and Sustainable Federated Learning Platform: Leveraging Efficient Encryption and the Quondam Signature Algorithm	Aljrees T., Kumar A., Singh K.U., Singh T.	14248220	Sensors	23	19	0	0	1	0	1	0	1
2023	Study of Potential Impact of Wind Energy on Electricity Price Using Regression Techniques	Kumar N., Tripathi M.M., Gupta S., Alotaibi M.A., Malik H., Afthanorhan A.	20711050	Sustainability (Switzerland)	15	19	0	0	0	0	0	0	0
2023	Mechanistic inhibition of gastric cancer-associated bacteria Helicobacter pylori by selected phytocompounds: A new cutting-edge computational approach	Akash S., Bayil I., Mahmood S., Mukerjee N., Mili T.A., Dhama K., Rahman M.A., Maitra S., Mohany M., Al-Rejaie S.S., Ali N., Semwal P., Sharma R.	24058440	Heliyon	9	10	0	0	2	0	2	0	2

2023	DermAI 1.0: A Robust, Generalized, and Novel Attention-Enabled Ensemble-Based Transfer Learning Paradigm for Multiclass Classification of Skin Lesion Images	Sanga P., Singh J., Dubey A.K., Khanna N.N., Laird J.R., Faa G., Singh I.M., Tsoulfas G., Kalra M.K., Teji J.S., Al-Maini M., Rathore V., Agarwal V., Ahluwalia P., Fouda M.M., Saba L., Suri J.S.	20754418	Diagnostics	13	19	0	0	0	0	0	0	0
2023	Flow of hybrid nanomaterial over a wedge: shape factor of nanoparticles impact	Kumar A., Ray A.K., Saha S., Tanwar D.V., Kumar B., Sheremet M.A.	21905444	European Physical Journal Plus	138	10	0	0	0	0	0	0	0
2023	Photocatalytic degradation of malachite green using PVDF membranes doped with Fe3O4 nanoparticles: role of porosity and surface roughness	Kanak, Yogita, Singh P., Manori A., Kumar A., Chandra R., Raina K., Shukla R.K., Manori S.	318949	Physica Scripta	98	10	0	0	0	0	0	0	0
2023	Griffiths phase, re-entrant spin-glass behaviour and schottky anomaly in anti-site disordered double perovskite Pr2MnNiO6	Kumar R., Balasubramanian P., Anas M., Singh A., Chandra R., Malik V.K.	318949	Physica Scripta	98	10	0	0	0	0	0	0	0
2023	Current and emerging applications in detection and removal of bitter compounds in citrus fruit juice: A critical review	Gupta A.K., Dhua S., Pratiksha, Kumar V., Naik B., Magwaza L.S., Ncama K., Opara U.L., McClements D.J., Mishra P.	22124292	Food Bioscience	55		0	0	0	0	0	0	0
2023	Exergo-enviro-economic and yearly productivity analyses of conical passive solar still for sustainable solar distillation	Singh G., Singh P.K., Saxena A., Dobriyal R., Kumar N., Singh D.B.	9441344	Environmental Science and Pollution Research	30	47	0	0	0	0	0	0	0
2023	Scaled Conjugate-Artificial Neural Network-Based novel framework for enhancing the power quality of Grid-Tied Microgrid systems	Sahoo G.K., Choudhury S., Rathore R.S., Bajaj M., Dutta A.K.	11100168	Alexandria Engineering Journal	80		0	0	0	0	0	0	0
2023	Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety	Gupta A.K., Pratiksha, Das T., Kumar H., Rastogi S., Espinosa E., Rincon E., Morcillo-Martin R., Rather M.A., Kumar V., Naik B., Makroo H.A., Xiao H.-W., Ranjan R., Mishra S.	22124292	Food Bioscience	55		0	0	0	0	0	0	0
2023	Numerical optimization of hydrothermal liquefaction process for the production of bio-oil and bio-char from Citrus maxima peel waste and product characterization	Hussain A., Kumar S., Husain F.M., Kumar V., Vlaskin M.S., Alajmi M.F.	9441344	Environmental Science and Pollution Research	30	46	0	0	0	0	0	0	0
2023	Distribution of Avian Species in Different Forest Structures and Their Association with Vegetation Community: A Case Study in the Nandprayag Region of Chamoli District, Uttarakhand, India	Kamal Kant Joshi, Arya A.K., Kumar D., Pant R.	10623590	Biology Bulletin	50	5	0	0	0	0	0	0	0
2023	Wintering and Breeding Distribution Records of Eurasian Wryneck Jynx torquilla in Eastern Himalayan State of Sikkim and India	Santosh Sharma, Ashish Kumar Arya	10623590	Biology Bulletin	50	5	0	0	0	0	0	0	0
2023	Effect of heat treatment on the quality of citrus juices	Kumar V., Kohli D., Naik B., Ratore A., Gupta A.K., Khan J.M., Irfan M., Preet M.S., Chatterjee N., Rustagi S.	10183647	Journal of King Saud University - Science	35	7	0	0	1	0	1	0	1
2023	Mn Incorporated CeO2 Lattice Endorsement of Electrochemical Performance in Symmetric Supercapacitor Device	Sharma M., Adalati R., Rani R., Sharma S., Kumar A., Choudhary N., Chandra R.	21944288	Energy Technology	11	10	0	0	1	1	2	0	2
2023	Biochemical and metabolomic insights into antifungal mechanism of berberine against Candida glabrata	Gupta P., Gupta H., Tripathi S., Poluri K.M.	1757598	Applied Microbiology and Biotechnology	107	19	0	0	0	0	0	0	0
2023	Electroactive microbe communication: A crucial aspect for energy generation in bio-electrochemical systems	Godbole V., Singh S., Ramamurthy P.C., Khan N.A., Bisht M., Pal M.K., Singh J., Kumar G., Esrafili A., Yousefi M.	22133437	Journal of Environmental Chemical Engineering	11	5	0	0	1	0	1	0	1
2023	Energy efficient NOMA based beamforming and power control architecture for Future communication networks	Bindle A., Gulati T., Kumar N.	18744907	Physical Communication	60		0	0	0	1	1	0	1
2023	An Approach Toward Pattern Recognition and Decision-Making Using the Concept of Bipolar T-Spherical Fuzzy Sets	Wang H., Saad M., Karamti H., Garg H., Rafiq A.	15622479	International Journal of Fuzzy Systems	25	7	0	0	0	0	0	0	0
2023	Analysis of MR fluid lubricated slot entry hybrid conical journal bearing with texturing arrangements	Sahu K., Sharma S.C., Tomar A.K.	0301679X	Tribology International	188		0	0	1	0	1	0	1
2023	Ziziphus mauritiana-derived nitrogen-doped biogenic carbon dots: Eco-friendly catalysts for dye degradation and antibacterial applications	Rajapandi S., Nangan S., Natesan T., Kumar A., Dharman G., Pandeeswaran M., Verma D., Ubaidullah M., Pandit B., Dhaliwal N., Sehgal S.S., Rangappan R., Kousalya G.N.	456535	Chemosphere	338		0	0	1	0	1	0	1
2023	Explore the elimination of toxic dye using Bio-Synthesized cerium oxide nanoparticles derived from Morinda citrifolia leaf extracts	Natrayan L., Surakasi R., Kaliappan S., Patil P.P., Saravanan A., Siranjeevi R.	24680230	Surfaces and Interfaces	41		0	0	2	2	4	0	4
2023	Mechanical, durability and sustainability assessment of rendering mortar with synergistic utilisation of recycled concrete and ceramic insulator fine aggregates	Garg N., Shrivastava S.	23527102	Journal of Building Engineering	76		0	0	0	2	2	0	2
2023	Single sample face recognition using deep learning: a survey	Tomar V., Kumar N., Srivastava A.R.	2692821	Artificial Intelligence Review	56		0	0	1	0	1	0	1
2023	Joint impact of corporate governance and risk disclosures on firm value: Evidence from emerging markets	Khandelwal C., Kumar S., Tripathi V., Madhavan V.	2755319	Research in International Business and Finance	66		0	0	0	3	3	0	3

2023	Heterogenous copper(II) schiff-base complex immobilized mesoporous silica catalyst for multicomponent biginelli reaction	Arumugam S., Senthilkumar N., Thirumalaivasan N., Dharman G., Pandiaraj S., Rahaman M., Palaniappan M., Muthusami R., Manogaran T., Mari L., Kanagaraj K., Govindasamy R., Rangappan R.	0022328X	Journal of Organometallic Chemistry	998		0	0	0	0	0	0	0
2023	Optimal task aborting policy and component activation delay in consecutive multi-attempt missions	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	238		0	0	0	3	3	0	3
2023	Interaction Power Bonferroni Mean Aggregation Operators Based on T-Spherical Fuzzy Information and Their Application in Multi-attribute Decision Making	Akram M., Wang H., Garg H., Ullah K.	15622479	International Journal of Fuzzy Systems	25	7	0	0	0	2	2	0	2
2023	Optimal structure of multiple resource supply systems with storages	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	238		0	0	0	0	0	0	0
2023	Reliability optimization and redundancy allocation for fire extinguisher drone using hybrid PSO–GWO	Bhandari A.S., Kumar A., Ram M.	14327643	Soft Computing	27	20	0	0	1	0	1	0	1
2023	Minimum downtime operation and maintenance scheduling for resource-constrained system	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	238		0	0	0	2	2	0	2
2023	A Multi-Stage Faster RCNN-Based iSPLInception for Skin Disease Classification Using Novel Optimization	Josphineleela R., Raja Rao P.B.V., shaikh A., Sudhakar K.	8971889	Journal of Digital Imaging	36	5	0	0	1	2	3	0	3
2023	Recent advances in biological approaches towards anode biofilm engineering for improvement of extracellular electron transfer in microbial fuel cells	Naaz T., Kumar A., Vempaty A., Singhal N., Pandit S., Gautam P., Jung S.P.	12261025	Environmental Engineering Research	28	5	0	0	4	4	8	0	8
2023	Intuitionistic fuzzy approach to reliability assessment of multi-state systems	Chachra A., Kumar A., Ram M.	3784754	Mathematics and Computers in Simulation	212		0	0	0	0	0	0	0
2023	A Deep Reinforcement Learning Scheme for Sum Rate and Fairness Maximization among D2D Pairs Underlaying Cellular Network with NOMA	Vishnoi V., Budhiraja I., Gupta S., Kumar N.	189545	IEEE Transactions on Vehicular Technology	72	10	0	0	0	1	1	0	1
2023	Exploring the nutritional and health benefits of pulses from the Indian Himalayan region: A glimpse into the region's rich agricultural heritage	Semwal P., Painuli S., Begum J.P.S., Jamloki A., Rauf A., Olatunde A., Mominur Rahman M., Mukerjee N., Ahmed Khalil A., Aljohani A.S.M., Al Abdulmonem W., Simal-Gandara J.	3088146	Food Chemistry	422		0	0	1	0	1	0	1
2023	Unravelling the hidden ethnic fermented treasure of the Himalayas - A review on the traditionally fermented beverages of the Northwest Indian Himalayan Region	Tomar S., Pant K., Sharma P., Sinha S., Mitra D.	2772753X	Food Chemistry Advances	2		0	0	0	0	0	0	0
2023	Current Trends on the Effects of Metal-Based Nanoparticles on Microbial Ecology	Rawat J., Kumar V., Ahlawat P., Tripathi L.K., Tomar R., Kumar R., Dholpuria S., Gupta P.K.	2732289	Applied Biochemistry and Biotechnology	195	10	0	0	0	1	1	0	1
2023	Secrecy Rate Maximization in THz-Aided Heterogeneous Networks: A Deep Reinforcement Learning Approach	Sharma H., Kumar N., Budhiraja I., Barnawi A.	189545	IEEE Transactions on Vehicular Technology	72	10	0	0	1	0	1	0	1
2023	Power Consumption Modeling of Wheeled Mobile Robots With Multiple Driving Modes	Kumar P., Bensekrane I., Merzouki R.	2780046	IEEE Transactions on Industrial Electronics	70	10	0	0	1	0	1	0	1
2023	A Concise Review on the Synthesis, and Characterization of the Pyrolytic Lignocellulosic Biomass for Oil, Char and Gas Production: Recent Advances and its Environmental Application	Pandit C., Pandit S., Pant M., Ghosh D., Agarwal D., Lahiri D., Nag M., Ray R.R.	25225758	Chemistry Africa	6	5	0	0	1	0	1	0	1
2023	On the design of an AI-driven secure communication scheme for internet of medical things environment	Garg N., Petwal R., Wazid M., Singh D.P., Das A.K., Rodrigues J.J.P.C.	24685925	Digital Communications and Networks	9	5	0	1	2	1	4	0	4
2023	Dairy Industry wastewater and stormwater energy valorization: effect of wastewater nutrients on microalgae-yeast biomass	Kumar V., Gururani P., Parveen A., Verma M., Kim H., Vlaskin M., Grigorenko A.V., Rindin K.G.	21906815	Biomass Conversion and Biorefinery	13	15	0	2	2	0	4	0	4
2023	Change of Agriculture Area over the Last 20 Years: A Case Study of Nainital District, Uttarakhand, India	Pargaien S., Prakash R., Dubey V.P.	1674764X	Journal of Resources and Ecology	14	5	0	0	0	0	0	0	0
2023	Hybrid Metal Oxide Nanocomposites for Gas-Sensing Applications: A Review	Berwal P., Sihag S., Rani S., Kumar A., Jatrana A., Singh P., Dahiya R., Kumar A., Dhillon A., Sanger A., Kumar M., Sharma A., Kumar V.	8885885	Industrial and Engineering Chemistry Research	62	37	0	0	0	1	1	0	1
2023	Leaf disease recognition: Comparative analysis of various convolutional neural network algorithms	Roy V.K., Roy G.K., Thakur V., Baliyan N., Goyal N.		Intelligent Prognostics for Engineering Systems with Machine Learning Techniques			0	0	0	0	0	0	0
2023	PID-based ANN control of dynamic systems	Kharola A.		Intelligent Prognostics for Engineering Systems with Machine Learning Techniques			0	0	0	0	0	0	0
2023	A novel optimal framework for scheduling rooftop solar home appliances considering electricity, real pricing and user comfort	Almutairi A., Albagami N., Almesned S., Alrumayh O., Malik H.	0038092X	Solar Energy	262		0	0	0	0	0	0	0
2023	Synthesis, characterization, and application of Al2O3/coconut oil-based nanofluids in sustainable machining of AISI 1040 steel	Tiwari S., Amarnath M., Gupta M.K.	1677322	Journal of Molecular Liquids	386		0	0	3	1	4	0	4
2023	A novel algorithm for autonomous parking vehicles using adjustable probabilistic neutrosophic hesitant fuzzy set features	Kaur G., Garg H.	9574174	Expert Systems with Applications	226		0	0	5	1	6	0	6
2023	Synthesis of Ni-P/Ni-P-ZnO Nanocomposite Coatings and Their Corrosion Resistance	Kumar K., Bansal V., Sharma S., Hassan S., Kimothi S., Sharma A.	0094243X	AIP Conference Proceedings	2764	1	0	0	0	0	0	0	0
2023	Development of Electroless Ni-P/Ni-P-ZnO Nanocomposite Depositions	Kumar K., Bansal V., Sharma S., Kimothi S.K., Sharma A.	0094243X	AIP Conference Proceedings	2764	1	0	0	0	0	0	0	0

2023	Synthesis of mint leaf extract and mint-leaf-based NiO nanoparticles, coating of extract layers without and with NiO nanoparticles on copper through drop-casting, and their analysis for the corrosion prevention in saline water	Rai S., Ji G.	11440546	New Journal of Chemistry	47	39	0	0	0	0	0	0	0
2023	Impact of carbon emission in three-layer sustainable manufacturing/remanufacturing model with trade credit	Sharma S., Chauhan A., Pant M.	0094243X	AIP Conference Proceedings	2735	1	0	0	0	0	0	0	0
2023	On the Potential of AlGaN/GaN HFET for Extreme Environment Electronics	Verma Y.K., Yarlagadda N., Bhandari J., Adhikari M., Mishra V., Gupta S.K.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Comparative Analysis of Heat Pipe With PCM, Cu Powder, and Fin for Thermal Enhancement	Kamble D.P., Jagtap H.P., Kaliappan S.S., Patil P.P., Anand K.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Applications of Firefly Algorithm in Hydrology	Heeraman J., Bewoor L.A., Bewoor A., Kaliappan S., Patil P.P., Socrates S.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Ergonomic Analysis and Improvement for Ease of Work of Post Engine Testing Activities by Using RULA and REBA Techniques	Bewoor A.K., Shinde H.M., Bhosale A.A., Patil P.P., Kaliappan S., Socrates S.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Mechanical and Wear Properties of 7075 Al Reinforced With Graphite Particulate Metal Matrix Composites: Preparation and Evaluation	Prabhakar P.K., Manuel J., Kaliappan S., Patil P.P., Mothilal T., Mohammed Ali H.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Sustainable Renewable Energy Sources and Solar Mounting Systems for PV Panels: A Critical Review	Gajbhiye T.S., Nikam K.C., Kaliappan S., Patil P.P., Dhal P.K., Pandian C.K.A.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Sand-Casting Process Parameters Influence Casting Mechanical Properties in Stainless Steel Alloys	Kaliappan S., Subbaiah B.S., Prabhakar P.K., Patil P.P., Socrates S., Balaji V.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Paddy Residue Potential as Energy Resources- A Critical Review	Heeraman J., Kumar S., Kaliappan S., Patil P.P., Singh D.V.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Sustainability Assessment of Tungsten Inert Gas Welding Process Using Grey Relational Analysis	Bewoor A.K., Patil N., Kaliappan S., Patil P.P., Raju R., Ramanathan P., Kulkarni V.A.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Magnetic Characteristics of Electroplated NiAl/CuO2 Composite Wires as a Function of Magnetic Field	Seeniappa K., Subbaiah B.S., Balaji V., Patil P.P., Gupta M., Socrates S.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Elemental Stack Method Optical and Surface Properties of FeDoped ZrO2	Prabhakar P.K., Subbaiah B.S., Balaji V., Patil P.P., Meivel Dhavamani R.K., Kaliappan S.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Recent Advancements in Aluminum Metal Matrix Composites: A Review of Processing and Application	Kaliappan S., Prabhakar P.K., Manuel J., Patil P.P., Sathya Prakash M., Subbaiah B.S.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Physiochemical Analysis of Distillate Output Obtained From Novel Desalination Unit	Jathar L.D., Ganesan S., Nikam K.C., Patil P.P., Kaliappan S., Patil P.Y.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Experimental Analysis of Al-Sic-Tib2 Hybrid Metal Matrix Composite	Seeniappan K., Thulasiraman M., Gupta M., Patil P.P., Devana N., Dhavamani R.K.M.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Material Characterization and Testing Using Linear Polarization Optical Coherence Tomography	Seeniappan K., Dhavamani R.M., Subbaiah B.S., Patil P.P., Pichappan R., Prabhakar P.K.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	A Comprehensive Look at the Aluminum Oxide Nano-Additive Effects on Engine Performance and Emissions	Pawar C., Balekumeri S., Motgi N., Patil P.P., Seeniappan K., Manuel J.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	Ni Addition Results in the Formation of a Bulk Metallic Glass Matrix Composite Based on Ductile Cu	Arumugam K., Haleem M.A., Seeniappan K., Patil P.P., Balaji V., Prabhakar P.K.	0094243X	AIP Conference Proceedings	2800	1	0	0	0	0	0	0	0
2023	DevOps: A journey from microservice to cloud based containerization	Sharma H.K., Kumar A., Pant S., Ram M.		DevOps: A Journey from Microservice to Cloud Based Containerization			0	0	0	0	0	0	0
2023	Diabetes prediction using cloud computing, blockchain, and IoT	Sah A., Rawat S.		Supporting Technologies and the Impact of Blockchain on Organizations and Society			0	0	0	0	0	0	0
2023	Depth-dependent seismic anomalies and potential asperity linked to fluid-driven crustal structure in Garhwal region, NW Himalaya	Tiwari A., Paul A., Sain K., Singh R., Upadhyay R.	401951	Tectonophysics	862		0	0	1	1	2	0	2
2023	Physicochemical and Environmental Bacteria Screening of River Suswa with Relation to Human Health	Pant R., Rohilla B., Singh M., Tarapdar S., Patrick N., Gupta A.	9743278	International Journal of Pharmaceutical Sciences and Nanotechnology	16	5	0	0	0	0	0	0	0
2023	An update on lipid-based nanodrug delivery systems for leishmaniasis treatment	Mishra V.S., Tiwari P., Gupta M., Gupta P.K.	17435889	Nanomedicine	18	21	0	0	0	0	0	0	0
2023	Polyester nanomedicines for visceral leishmaniasis treatment	Sikarwar M., Mishra V.S., Tiwari P., Gupta M., Dholpuria S., Gupta P.K.	17435889	Nanomedicine	18	22	0	0	0	0	0	0	0
2023	Flame recognition using computer vision	Bhardwaj A., Tomar S.K., Anil A., Aggarwal R., Singh P., Diwakar M., Negi V., Singh V.K.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	Design of a 12 phase VCO with stacked CNTFETs and provision to improve performance by lowering the number of metallic tubes	Singh D., Rana A., Memoria M., Shah S.K., Gupta A., Kumar R.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	Human pose segmentation MADS	Kothari A., Vashishtha P., Hussien N.M., Singh P., Diwakar M., Joshi K., Kimothi S.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	Natural language processing: A review	Gangal A., Shrivastava A., Hussien N.M., Singh P., Diwakar M., Joshi K., Bisht S., Joshi N.C.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0

2023	Solving handwritten equations using convolutional neural network	Bora A., Mendiratta P., Mohialden Y.M., Hera S.Y., Kapila D., Singh P., Diwakar M., Kumar S.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	A review of weather forecasting using LSTM model	Sharma R., Gupta S.K., Mohialden Y.M., Jain P.B., Singh P., Diwakar M., Pandey S.D., Kumar S.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	Healthy Life fitness app with workout diet and motivation	Yadav S., Singhal M., Tomar S.K., Singh P., Diwakar M., Goyal L., Ajesh F., Uniyal S.P.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	Covid protocols adherence detection in multi people interaction using deep learning YOLO V3 algorithm for covid prevention	Nimje S., Ahmad M., Thakur R., Tomar S.K., Singh P., Diwakar M., Galwan M., Bhatt S.S.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	Robotics, human society and legal challenges	Jha R.S., Singh U.K., Tyagi N., Sharma V., Dixit A.	0094243X	AIP Conference Proceedings	2771	1	0	0	0	0	0	0	0
2023	Achieving Sustainable Development in the Hospitality Industry: An Evidence-Based Empirical Study	Singh A.B., Khandelwal C., Sarkar P., Dangayach G.S., Meena M.L.	21890420	Evergreen	10	3	0	0	0	0	0	0	0
2023	Design and investigation of doping-less gate-all-around TFET with Mg2Si source material for low power and enhanced performance applications	Agarwal P., Rai S., Rakshit Y.A., Mishra V.	16741056	Chinese Physics B	32	10	0	0	0	0	0	0	0
2023	Improving exergo-enviro-economic parameters and annual productivity of double slope solar desalting unit by incorporating concentrator integrated evacuated tubular collectors	Nagpal G., Singh D.B.	19443994	Desalination and Water Treatment	306		0	0	0	0	0	0	0
2023	Impact of parasitic elements on the power dissipation of Si superjunction MOSFETs, SiC MOSFETs, and GaN HEMTs	Joshi V., Pande P., Jadli U., Chaturvedi M., Nautiyal P.	26318695	Engineering Research Express	5	3	0	0	0	0	0	0	0
2023	Electrochemical investigation of silk G/MoS2/PDOT: PSS synthesized using supercritical fluid approach	Chetana S., Thakur V.N., Kumar N., Joshi N.C., Upadhyay S., Roy K., Kumar K.G.B., Rangappa D.	9574522	Journal of Materials Science: Materials in Electronics	34	27	0	0	1	0	1	0	1
2023	Effect of influent load fluctuation on the efficiency of vertical constructed wetlands treating dairy farm wastewater	Sharma P.K., Rani A., Minakshi D., Malaviya P.	24766674	Advances in Environmental Technology	9	3	0	0	0	0	0	0	0
2023	Ion Acoustic Breathers in Electron-Beam Plasma	Kaur M., Singla S., Saini N.S., Gill F.S.	25716182	Plasma	6	3	0	0	0	0	0	0	0
2023	Optimization of Sintering Process Parameters by Taguchi Method for Developing Al-CNT-Reinforced Powder Composites	Kumar N., Soren S., Prasad R., Singh Y., Nautiyal H., Sharma A., Tiang S.S., Lim W.H.	20734352	Crystals	13	9	0	0	0	0	0	0	0
2023	Occurrence and Health Risk Assessment of Heavy Metals in Lychee (Litchi chinensis Sonn., Sapindaceae) Fruit Samples	AL-Huqail A.A., Singh R., Siric I., Kumar P., Abou Fayssal S., Kumar V., Bachheti R.K., Andabaka Z., Goala M., Eid E.M.	23117524	Horticulturae	9	9	0	0	0	0	0	0	0
2023	Combined Use of TiO2 Nanoparticles and Biochar Produced from Moss (Leucobryum glaucum (Hedw.) Ångstr.) Biomass for Chinese Spinach (Amaranthus dubius L.) Cultivation under Saline Stress	Siric I., Alhag S.K., Al-Shuraym L.A., Mioc B., Drzaic V., Abou Fayssal S., Kumar V., Singh J., Kumar P., Singh R., Bachheti R.K., Goala M., Kumar P., Eid E.M.	23117524	Horticulturae	9	9	0	0	0	0	0	0	0
2023	DEVELOPMENT AND APPLICATIONS OF MICRO-AND NANOROBOTICS IN DRUG DELIVERY	Dhyani A., Bhatt J., Singh N., Dhyani A.	9757058	International Journal of Applied Pharmaceutics	15	5	0	0	0	0	0	0	0
2023	Imidazoles as Serotonin Receptor Modulators for Treatment of Depression: Structural Insights and Structure–Activity Relationship Studies	Goel K.K., Thapliyal S., Kharb R., Joshi G., Negi A., Kumar B.	19994923	Pharmaceutics	15	9	0	0	0	0	0	0	0
2023	Parthenium hysterophorus derived activated carbon for EDLC device application	Komal, Kumar A., Kumar Y., Shukla V.K.	9574522	Journal of Materials Science: Materials in Electronics	34	27	0	0	0	0	0	0	0
2023	Golf Optimization Algorithm: A New Game-Based Metaheuristic Algorithm and Its Application to Energy Commitment Problem Considering Resilience	Montazeri Z., Niknam T., Aghaei J., Malik O.P., Dehghani M., Dhiman G.	23137673	Biomimetics	8	5	0	0	5	1	6	0	6
2023	Reducing Herbicide Dependency: Impact of Murraya koenigii Leaf Extract on Weed Control and Growth of Wheat (Triticum aestivum) and Chickpea (Cicer arietinum)	Vashishth D.S., Bachheti A., Bachheti R.K., Alhag S.K., Al-Shuraym L.A., Kumar P., Husen A.	20770472	Agriculture (Switzerland)	13	9	0	0	0	0	0	0	0
2023	New Frontiers in the Bio-inspired Green Synthesis of NiO NPs and Their Applications: An Overview	Ahmad W., Rawat A.	9726268	Nature Environment and Pollution Technology	22	3	0	0	0	0	0	0	0
2023	Application of Intelligent Adaptive Neuro Fuzzy Method for Reusability of Component Based Software System	Agarwal J., Kumar M., Sharma M., Verma D., Sharma R.	16833198	International Arab Journal of Information Technology	20	5	0	0	0	0	0	0	0
2023	Utilization of Food Waste for the Development of Composite Bread	Upadhyay S., Tiwari R., Kumar S., Gupta S.M., Kumar V., Rautela I., Kohli D., Rawat B.S., Kaushik R.	20711050	Sustainability (Switzerland)	15	17	0	0	0	0	0	0	0
2023	From the Cultivation of Arthrospira platensis at an Increased CO2 Concentration to the Bio-Oil Production by Hydrothermal Liquefaction	Ryndin K.G., Butyrin A.V., Grigorenko A.V., Chunzhuk E.A., Chernova N.I., Kiseleva S.V., Malaniy S.Y., Bakumenko E.A., Slavkina O.V., Ossipov K., Maryutina T.A., Kumar V., Vlaskin M.S.	20763417	Applied Sciences (Switzerland)	13	17	0	0	0	0	0	0	0
2023	Development of a Soft Pneumatic Actuator with In-built Flexible Sensing Element for Soft Robotic Applications	Gariya N., Kumar P., Prasad B.	9210296	Journal of Intelligent and Robotic Systems: Theory and Applications	109	1	0	0	0	0	0	0	0
2023	Group decision-making algorithm with sine trigonometric p,q-quasirung orthopair aggregation operators and their applications	Rahim M., Garg H., Khan S., Alqahtani H., Abd El-Wahed Khalifa H.	11100168	Alexandria Engineering Journal	78		0	0	1	0	1	0	1
2023	Development of yeast and microalgae consortium biofilm growth system for biofuel production	Bisht B., Verma M., Sharma R., Chauhan P.K., Pant K., Kim H., Vlaskin M.S., Kumar V.	24058440	Heliyon	9	9	0	0	1	0	1	0	1
2023	Generalized linear diophantine fuzzy Choquet integral with application to the project management and risk analysis	Riaz M., Garg H., Hashmi M.R., Farid H.M.A.	22383603	Computational and Applied Mathematics	42	6	0	0	0	1	1	0	1

2023	Sustainable synthesis of multifunctional nanomaterials from rice wastes: a comprehensive review	Chakroborty S., Pal K., Nath N., Singh V., Barik A., Soren S., Panda P., Asthana N., Kyzas G.Z.	9441344	Environmental Science and Pollution Research	30	42	0	0	1	0	1	0	1
2023	Tribological and machining characteristics of milling SiCp/Al MMC composites under sustainable cooling conditions	Laghari R.A., He N., Jamil M., Gupta M.K.	2683768	International Journal of Advanced Manufacturing Technology	128	5-6	0	0	1	0	1	0	1
2023	Machine learning models for online detection of wear and friction behaviour of biomedical graded stainless steel 316L under lubricating conditions	Korkmaz M.E., Gupta M.K., Singh G., Kuntoglu M., Patange A., Demirsoz R., Ross N.S., Prasad B.	2683768	International Journal of Advanced Manufacturing Technology	128	5-6	0	0	2	1	3	0	3
2023	Multi-scale feature fusion-based lightweight dual stream transformer for detection of paddy leaf disease	Kumar A., Yadav D.P., Kumar D., Pant M., Pant G.	1676369	Environmental Monitoring and Assessment	195	9	0	0	1	1	2	0	2
2023	HMRFLR: A Hybrid Model for Sentiment Analysis of Social Media Surveillance on Airlines	Singh N., Upreti M.	9296212	Wireless Personal Communications	132	1	0	0	2	0	2	0	2
2023	Influence of tool geometry on reaction forces and strength of an inseparable joint produced on a prototype stand with the use of jaws	Wrobel N., Rejek M., Krolczyk J., Franka M., Kumar Gupta M., Sliwinski M., Krolczyk G.M., Li Z.	11100168	Alexandria Engineering Journal	78		0	0	0	0	0	0	0
2023	Carbon emissions and overall sustainability assessment in eco-friendly machining of Monel-400 alloy	Ross N.S., Rai R., Ananth M.B.J., Srinivasan D., Ganesh M., Gupta M.K., Korkmaz M.E., Krolczyk G.M.	22149937	Sustainable Materials and Technologies	37		0	0	1	2	3	0	3
2023	Production, characterization, and application of novel fungal pullulanase for fruit juice processing	Naik B., Kumar V., Goyal S.K., Tripati A.D., Khan J.M., Irfan M., Bhatt S.C., Gupta A.K., Rustagi S.	1418130	International Journal of Biological Macromolecules	248		0	0	0	0	0	0	0
2023	A conceptual framework for sustainability impact assessment in machining bohler tool steel under hBN-enriched nano cutting fluids environment	Gupta M.K., Korkmaz M.E.	22149937	Sustainable Materials and Technologies	37		0	0	1	0	1	0	1
2023	Robust authenticated key agreement protocol for internet of vehicles-envisioned intelligent transportation system	Thapliyal S., Wazid M., Singh D.P., Das A.K., Islam S.H.	13837621	Journal of Systems Architecture	142		0	0	0	0	0	0	0
2023	Tribo-corrosive wear behaviour of squeeze-casted Mg/TiN/hBN composite under different ageing temperature	Gnanavelbabu A., Prahadeeswaran M., Rai R., Ross N.S., Gupta M.K.	0301679X	Tribology International	187		0	0	0	0	0	0	0
2023	A systematic review on performance evaluation metric selection method for IoT-based applications	Patel K., Mistry C., Gupta R., Tanwar S., Kumar N.	1419331	Microprocessors and Microsystems	101		0	0	0	0	0	0	0
2023	Secured data offloading using reinforcement learning and Markov decision process in mobile edge computing	Samriya J.K., Kumar M., Gill S.S.	10557148	International Journal of Network Management	33	5	0	0	1	0	1	0	1
2023	Strategies facilitating the permeation of nanoparticles through blood-brain barrier: An insight towards the development of brain-targeted drug delivery system	Mishra A., Kumar R., Mishra J., Dutta K., Ahlawat P., Kumar A., Dhanasekaran S., Gupta A.K., Sinha S., Bishi D.K., Gupta P.K., Nayak S.	17732247	Journal of Drug Delivery Science and Technology	86		0	0	2	0	2	0	2
2023	An interpreter ranking index-based MCDM technique for COVID-19 treatments under a bipolar fuzzy environment	Garai T., Garg H.	26667207	Results in Control and Optimization	12		0	0	1	0	1	0	1
2023	Unveiling the role of sustainable supply chain drivers toward knowledge-based economy via a novel permutation approach: implications from an emerging economy	Alaei S., Razavi Hajiagha S.H., Mahdiraji H.A., Garza-Reyes J.A.	19369735	Operations Management Research	16	3	0	0	1	0	1	0	1
2023	Global intuitionistic fuzzy weighted C-ordered means clustering algorithm	Kaushal M., Garg H., Lohani Q.M.D.	200255	Information Sciences	642		0	0	2	2	4	0	4
2023	Electro-organic synthesis of C-5 sulfenylated amino uracils: Optimization and exploring topoisomerase-I based anti-cancer profile	Rani P., Chahal S., Kumar R., Mayank, Kumar P., Negi A., Singh R., Kumar S., Kataria R., Joshi G., Sindhu J.	452068	Bioorganic Chemistry	138		0	0	2	0	2	0	2
2023	A systematic analysis of deep learning methods and potential attacks in internet-of-things surfaces	Barnawi A., Gaba S., Alphy A., Jabbari A., Budhiraja I., Kumar V., Kumar N.	9410643	Neural Computing and Applications	35	25	0	0	1	2	3	0	3
2023	Investigation of aspect ratio effects on flow characteristics and vorticity generation in shock-induced rectangular bubble	Singh S.	9977546	European Journal of Mechanics, B/Fluids	101		0	0	1	1	2	0	2
2023	Strategic measures for enhancing resiliency in knowledge base supply chains: an emerging economy perspective	Sharma M., Kaushal D., Joshi S.	19369735	Operations Management Research	16	3	0	0	1	0	1	0	1
2023	Efficient performability analysis of dynamic multi-state k-out-of-n: G systems	Wang C., Wang S., Xing L., Guan Q.	9518320	Reliability Engineering and System Safety	237		0	0	1	0	1	0	1
2023	Damage identification of offshore jacket platforms in a digital twin framework considering optimal sensor placement	Wang M., Incecik A., Feng S., Gupta M.K., Krolczyk G., Li Z.	9518320	Reliability Engineering and System Safety	237		0	0	2	2	4	0	4
2023	Room temperature RF magnetron sputtered nanocrystalline NiO thin films for highly responsive and selective H2S gas sensing at low ppm concentrations	Srivastava S., Gangwar A.K., Kumar A., Gupta G., Singh P.	255408	Materials Research Bulletin	165		0	0	3	0	3	0	3
2023	High-fidelity simulations for Turing pattern formation in multi-dimensional Gray–Scott reaction-diffusion system	Singh S., Mittal R.C., Thottoli S.R., Tamsir M.	963003	Applied Mathematics and Computation	452		0	0	0	1	1	0	1
2023	Sambucus Canadensis leaf extract mediated synthesis and analysis of antibacterial and photocatalytic degradation property of stannous oxide nanoparticles	Ahmad W., Pandey A., Ahmed S., Nur-e-Alam M.	23656379	Nanotechnology for Environmental Engineering	8	3	0	0	0	0	0	0	0
2023	Barriers towards Open Government Data Value Co-Creation: An empirical investigation	Wiedenhoft G.C., Matheus R., Saxena S., Alexopoulos C.	16814835	Electronic Journal of Information Systems in Developing Countries	89	5	0	0	2	0	2	0	2
2023	Triangle and orthogonal local binary pattern for face recognition	Karanwal S., Diwakar M.	13807501	Multimedia Tools and Applications	82	23	0	0	2	0	2	0	2
2023	Taxus associated fungal endophytes: anticancerous to other biological activities	Adhikari P., Joshi K., Pandey A.	17494613	Fungal Biology Reviews	45		0	0	4	0	4	0	4
2023	Integrated modelling of soil moisture by evaluating backscattering models Dubois, Oh and IoT sensor development for field moisture estimation	Shakya A.K., Ramola A., Vidyarthi A.	23636203	Modeling Earth Systems and Environment	9	3	0	0	2	1	3	0	3
2023	Corporate environmental responsiveness: a bibliometric and content analysis	Bhatt Y., Ghuman K.	21981620	Management Review Quarterly	73	3	0	1	2	1	4	0	4

2023	Design and Testbed Experiments of User Authentication and Key Establishment Mechanism for Smart Healthcare Cyber Physical Systems	Wazid M., Thapliyal S., Singh D.P., Das A.K., Shetty S.	23274697	IEEE Transactions on Network Science and Engineering	10	5	0	2	9	0	11	0	11
2023	Study the effect of optimized input parameters on a CRDI diesel engine running with waste frying oil methyl ester-diesel blend fuel with ZnO nanoparticles: a response surface methodology approach	Sharma A., Pali H.S., Kumar M., Singh N.K., Singh Y., Singh D.	21906815	Biomass Conversion and Biorefinery	13	14	0	1	2	1	4	0	4
2023	Design modifications in micro pin fin configuration of microchannel heat sink for single phase liquid flow: A review	Bhandari P., Rawat K.S., Prajapati Y.K., Padalia D., Ranakoti L., Singh T.	2352152X	Journal of Energy Storage	66		0	0	8	9	17	0	17
2023	Tremella fuciformis	Gupta A.K., Rather M.A., Bhuyan S., Naik B., Sikarwar M.S., Mishra P.		Edible and Medicinal Mushrooms of the Himalayas: Climate Change, Critically Endangered Species, and the Call for Sustainable Development			0	0	0	0	0	0	0
2023	BACKM-EHA: A Novel Blockchain-enabled Security Solution for IoMT-based E-healthcare Applications	Wazid M., Gope P.	15335399	ACM Transactions on Internet Technology	23	3	0	2	6	3	11	0	11
2023	Ocimum sanctum Leaf Extract-Assisted Green Synthesis of Pd-Doped CuO Nanoparticles for Highly Sensitive and Selective NO2 Gas Sensors	Ambedkar A.K., Gautam D., Vikal S., Singh M., Kumar A., Sanger A., Sharma K., Singh B.P., Gautam Y.K.	24701343	ACS Omega	8	32	0	0	1	0	1	0	1
2023	Structural and functional insights in polysaccharides coated cerium oxide nanoparticles and their potential biomedical applications: A review	Yadav S., Chamoli S., Kumar P., Maurya P.K.	1418130	International Journal of Biological Macromolecules	246		0	0	4	1	5	0	5
2023	A novel control approach to improve the stability of hybrid AC/DC microgrids	Khosravi N., Baghbanzadeh R., Oubelaid A., Tostado-Veliz M., Bajaj M., Hekss Z., Echalih S., Belkhier Y., Houran M.A., Aboras K.M.	3062619	Applied Energy	344		0	0	13	2	15	0	15
2023	Sol-Gel preparation and wetting behaviour analysis of hydrophobic Zirconium based nano-coating: Implications for solar panel coating	Dogra V., Kishore C., Mishra A., Gaur A., Verma A.	26668211	Chemical Engineering Journal Advances	15		0	0	1	1	2	0	2
2023	Production of bio-oil from lychee-based biomass through pyrolysis and maximization of bio-oil yield with statistical and machine learning techniques	Singh Y., Singh D., Singh N.K., Sharma A., Rahim E.A., Ranganathan A., Palanichamy P., Palamanit A., Kumar S.	9596526	Journal of Cleaner Production	413		0	0	1	1	2	0	2
2023	Integration of IoT into e-government	Shao D., Ishengoma F.R., Alexopoulos C., Saxena S., Nikiforova A., Matheus R.	14636689	Foresight	25	5	0	0	2	1	3	0	3
2023	Recent Updates on Viral Oncogenesis: Available Preventive and Therapeutic Entities	Chowdhary S., Deka R., Panda K., Kumar R., Solomon A.D., Das J., Kanoujiya S., Gupta A.K., Sinha S., Ruokolainen J., Kesari K.K., Gupta P.K.	15438384	Molecular Pharmaceutics	20	8	0	0	1	1	2	0	2
2023	Effect of dissimilarity of N and mass flow rate on yearly overall energy, exergy, and efficiency of PVT-FPC included dual-slope solar desalting units	Krishna H., Singh J., Dwivedi V.K., Singh D.B.	16069749	Water Supply	23	8	0	0	0	1	1	0	1
2023	Pareto Analysis of Machining Factors Significance When Turning of Nickel-Based Superalloy Inconel 718	Yevdokymov O., Kolesnyk V., Peterka J., Vopat T., Gupta M.K., Lisovenko D., Dovhopolov A.	20754701	Metals	13	8	0	0	0	1	1	0	1
2023	Neodymium-Doped Zinc Oxide Nanoparticles Catalytic Cathode for Enhanced Efficiency of Microbial Desalination Cells	Chauhan S., Rai S., Pandit S., Roy A., Gacem A., El-Hiti G.A., Yadav K.K., Ravindran B., Cheon J.-K., Jeon B.-H.	20734344	Catalysts	13	8	0	0	0	0	0	0	0
2023	Secure Blockchain-Enabled Authentication Key Management Framework with Big Data Analytics for Drones in Networks Beyond 5G Applications	Mishra A.K., Wazid M., Singh D.P., Das A.K., Singh J., Vasilakos A.V.	2504446X	Drones	7	8	0	0	1	0	1	0	1
2023	Modelling and Dynamic Analysis of Adaptive Neuro-Fuzzy Inference System-Based Intelligent Control Suspension System for Passenger Rail Vehicles Using Magnetorheological Damper for Improving Ride Index	Sharma S.K., Sharma R.C., Choi Y., Lee J.	20711050	Sustainability (Switzerland)	15	16	0	0	0	0	0	0	0
2023	A Novel Artificial-Intelligence-Based Approach for Classification of Parkinson's Disease Using Complex and Large Vocal Features	Nijhawan R., Kumar M., Arya S., Mendirtta N., Kumar S., Towfek S.K., Khafaga D.S., Alkahtani H.K., Abdelhamid A.A.	23137673	Biomimetics	8	4	0	0	0	0	0	0	0
2023	Structural and device fabrication of 2D-MoS2 thin film	Singh R., Kimothi S., Singh M.V., Rani U., Verma A.S.	15848663	Chalcogenide Letters	20	8	0	0	0	0	0	0	0
2023	DQN Algorithm for network resource management in vehicular communication network	Agarwal V., Sharma S.	25112104	International Journal of Information Technology (Singapore)	15	6	0	0	1	0	1	0	1
2023	Superbugs or multidrug resistant microbes: A new threat to the society	Painuli S., Semwal P., Sharma R., Akash S.	23988835	Health Science Reports	6	8	0	0	0	0	0	0	0
2023	Computer vision in manufacturing: a bibliometric analysis and future research propositions	Sharma H., Kumar H., Gupta A., Shah M.A.	2683768	International Journal of Advanced Manufacturing Technology	127	11-12	0	0	0	0	0	0	0
2023	Screening and molecular dynamics simulation of compounds inhibiting MurB enzyme of drug-resistant Mycobacterium tuberculosis: An in-silico approach	Verma A., Kumar V., Naik B., Masood Khan J., Singh P., Erik Joakim Saris P., Gupta S.	1319562X	Saudi Journal of Biological Sciences	30	8	0	0	0	0	0	0	0
2023	Evaluation of the mechanisms underlying altered fatty acid biosynthesis in heterotrophic microalgal strain Chlorella sorokiniana during biodegradation of phenol and p-nitrophenol	Jaiswal K.K., Kumar V., Arora N., Vlaskin M.S.	9441344	Environmental Science and Pollution Research	30	37	0	0	0	1	1	0	1
2023	Analyses of Elaeocarpus sphaericus Extract for Antioxidant, Antiproliferative and Gene Repression Activities against HIF-1α and VEGF	Joshi S., Painuli S., Misra K., Kumar N., Bachheti R.K., Rai N., Singab A.N.B.	16121872	Chemistry and Biodiversity	20	8	0	0	0	0	0	0	0

2023	Biofabrication of nickel oxide nanoparticles from Pedalium Murex leaf extract: A promising approach for biomedical and environmental applications	Madasamy S., Ramananthatheerthan A., Marikani K., Venugopal D., Aldhayan S.H.A., Al-Dayan N., Palanivelu S., Dhanasekaran S.	24680230	Surfaces and Interfaces	40		0	0	0	0	0	0	0
2023	Multifactorial role of nanoparticles in alleviating environmental stresses for sustainable crop production and protection	Pramanik B., Sar P., Bharti R., Gupta R.K., Purkayastha S., Sinha S., Chattaraj S., Mitra D.	9819428	Plant Physiology and Biochemistry	201		0	0	1	1	2	0	2
2023	Impact of the interface on the fatigue life of steel-based explosively welded heterostructured plates	Derda S., Karolczuk A., Robak G., Prazmowski M., Paul H., Lagoda T., Gupta M.K.	16449665	Archives of Civil and Mechanical Engineering	23	3	0	0	1	0	1	0	1
2023	A review on reported phytochemicals as druggable leads with antimalarial potential	Guchait A., Kumar A., Singh R., Joshi G., Dwivedi A.R.	10542523	Medicinal Chemistry Research	32	8	0	0	0	0	0	0	0
2023	An approach to multi-attribute decision making based on intuitionistic fuzzy rough Aczel-Alsina aggregation operators	Hussain A., Wang H., Garg H., Ullah K.	10183647	Journal of King Saud University - Science	35	6	0	0	1	0	1	0	1
2023	Whey-carrot based functional beverage: Development and storage study	Naik B., Kohli D., Walter N., Gupta A.K., Mishra S., Khan J.M., Saris P.E.J., Irfan M., Rustagi S., Kumar V.	10183647	Journal of King Saud University - Science	35	6	0	0	0	0	0	0	0
2023	Breeding Success of the Ashy Prinia (Prinia socialis) in the Subtropical Foothills of the Western Himalayas, India	Rekha Rawat, Bhatt D., Arya A.K.	10623590	Biology Bulletin	50	4	0	0	0	0	0	0	0
2023	An Assessment of Wetland and Water-Dependent Avifaunal Diversity in Selected Wetlands of Uttarakhand, Western Himalayas, India	Bachheti A., Arya A.K., Tyagi S., Deepti	10623590	Biology Bulletin	50	4	0	0	1	0	1	0	1
2023	Multi-Sensor Based healthcare monitoring system by LoWPAN-based architecture	Vanteru M.K., Jayabalaji K.A., P S.G., Ilango P., Nautiyal B., Yasmine Begum A.	26659174	Measurement: Sensors	28		0	0	0	0	0	0	0
2023	Optimizing Electrical, Magnetic, and Magnetoelectric Characteristics of Ba0.85Sr0.15TiO3–Ni0.75Zn0.25Fe2O4 Core-Shell Ceramic	Jain A., Kumar A., Gupta N., Kumar K., Wang Y.G.	3615235	Journal of Electronic Materials	52	8	0	0	0	0	0	0	0
2023	A graphical technique of controller design and selection of lower and upper bounds in controller design using optimization techniques	Ahamad N., Chhetri A., Saklani M., Bajaj M., Kotb H., Khan B., Sikander A.	17518644	IET Control Theory and Applications	17	12	0	0	0	0	0	0	0
2023	Non-linear multivariable permanent magnet synchronous machine control: A robust non-linear generalized predictive controller approach	Djouadi H., Ouari K., Belkhier Y., Lehouche H., Ibaouene C., Bajaj M., AboRas K.M., Khan B., Kamel S.	17518644	IET Control Theory and Applications	17	12	0	0	4	0	4	0	4
2023	Plant extract mediated approach towards the synthesis of NiO nanoparticles: Evaluation of its antibacterial, antioxidant and photocatalytic activity	Ahmad W., Bhatt S.C., Kaur N.	25728288	Vietnam Journal of Chemistry	61	4	0	0	1	2	3	0	3
2023	Nanoparticle aggregation effect on nonlinear convective nanofluid flow over a stretched surface with linear and exponential heat source/sink	Rawat S.K., Yaseen M., Shafiq A., Kumar M., Al-Mdallal Q.M.	26662027	International Journal of Thermofluids	19		0	0	3	1	4	0	4
2023	BAT: Barabasi-Albert With Topsis Scale-Free Topology Evolution for Load-Balanced WSNs	Prasad I.B., Yogita, Yadav S.S., Kumar N., Pal V.	1530437X	IEEE Sensors Journal	23	15	0	0	1	0	1	0	1
2023	Performance assessment of different cooling conditions in improving the machining and tribological characteristics of additively manufactured AlSi10Mg alloy	Ross N.S., Srinivasan N., Ananth M.B.J., AlFaify A.Y., Anwar S., Gupta M.K.	0301679X	Tribology International	186		0	0	0	0	0	0	0
2023	Electrical, mechanical, and energy harvesting of a pyroelectric polymer nanocomposite	Panwar L.S., Panwar V., Ansari M.U., Anoop G., Park S.	15671739	Current Applied Physics	52		0	0	1	0	1	0	1
2023	Wear performance of Ti-6Al-4 V titanium alloy through nano-doped lubricants	Etri H.E.L., Singla A.K., Ozdemir M.T., Korkmaz M.E., Demirsoz R., Gupta M.K., Krolczyk J.B., Ross N.S.	16449665	Archives of Civil and Mechanical Engineering	23	3	0	0	2	1	3	0	3
2023	An industrial disaster emergency decision-making based on China's Tianjin city port explosion under complex probabilistic hesitant fuzzy soft environment	Ashraf S., Garg H., Kousar M.	9521976	Engineering Applications of Artificial Intelligence	123		0	0	2	0	2	0	2
2023	Reliability analysis of body sensor networks with correlated isolation groups	Zhao G., Xing L.	9518320	Reliability Engineering and System Safety	236		0	0	0	0	0	0	0
2023	Effect of Adding Rice Husk Ash Functional Silicon Additives on Flammability Wear and Thermal Stability of Ramie-Epoxy Composite	Kumar A., Lakshmipathi A.R., Nagabhooshanam N., Sahu S.K., Patil P.P., Satyanarayana V., Praveen N.	1876990X	Silicon	15	13	0	0	0	0	0	0	0
2023	Optimal task sequencing and aborting in multi-attempt multi-task missions with a limited number of attempts	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	236		0	0	1	5	6	0	6
2023	Glomerulus Detection Using Segmentation Neural Networks	Singh Samant S., Chauhan A., Dn J., Singh V.	8971889	Journal of Digital Imaging	36	4	0	0	1	0	1	0	1
2023	When content-centric networking meets multi-criteria group decision-making: Optimal cache placement policy achieved by MARCOS with q-rung orthopair fuzzy set pair analysis	Peng X., Garg H., Luo Z.	9521976	Engineering Applications of Artificial Intelligence	123		0	0	2	5	7	0	7
2023	An integrated SWARA-CODAS decision-making algorithm with spherical fuzzy information for clean energy barriers evaluation	Jafarzadeh Ghoushchi S., Garg H., Rahnamay Bonab S., Rahimi A.	9574174	Expert Systems with Applications	223		0	0	7	7	14	0	14
2023	A new approach to investigate the effects of artificial neural networks based on bipolar complex spherical fuzzy information	Gwak J., Garg H., Jan N., Akram B.	21994536	Complex and Intelligent Systems	9	4	0	0	3	1	4	0	4
2023	An integrated group decision-making method for the evaluation of hypertension follow-up systems using interval-valued q-rung orthopair fuzzy sets	Wan B., Hu Z., Garg H., Cheng Y., Han M.	21994536	Complex and Intelligent Systems	9	4	0	0	2	0	2	0	2
2023	A review of redundancy allocation problem for two decades: bibliometrics and future directions	Devi S., Garg H., Garg D.	2692821	Artificial Intelligence Review	56	8	0	0	5	1	6	0	6

2023	Bioremediation of Heavy Metals by Rhizobacteria	Riseh R.S., Vazvani M.G., Hajabdollahi N., Thakur V.K.	2732289	Applied Biochemistry and Biotechnology	195	8	0	0	5	1	6	0	6
2023	Nanotechnology-Based Solutions for Antibiofouling Applications: An Overview	Sinha S., Kumar R., Anand J., Gupta R., Gupta A., Pant K., Dohare S., Tiwari P., Kesari K.K., Krishnan S., Gupta P.K.	25740970	ACS Applied Nano Materials	6	14	0	0	1	0	1	0	1
2023	A framework of open government data (OGD) e-service quality dimensions with future research agenda	Alexopoulos C., Saxena S., Rizun N., Shao D.	9565698	Records Management Journal	33	1	0	0	2	0	2	0	2
2023	Sustainable and resilient supplier selection in the context of circular economy: an ontology-based model	Echefaj K., Charkaoui A., Cherrafi A., Garza-Reyes J.A., Khan S.A.R., Chaouni Benabdellah A.	14777835	Management of Environmental Quality: An International Journal	34	5	0	0	1	1	2	0	2
2023	Beyond lean manufacturing and sustainable performance: are the circular economy practices worth pursuing?	Maldonado-Guzman G., Garza-Reyes J.A.	14777835	Management of Environmental Quality: An International Journal	34	5	0	0	3	1	4	0	4
2023	Process modeling for decomposition unit of a UFP for reliability indices subject to fail-back mode and degradation	Kumar A., Ram M.	13552511	Journal of Quality in Maintenance Engineering	29	3	0	0	0	0	0	0	0
2023	Improved cosine similarity and distance measures-based TOPSIS method for cubic Fermatean fuzzy sets	Rahim M., Garg H., Amin F., Perez-Dominguez L., Alkhayyat A.	11100168	Alexandria Engineering Journal	73		0	0	2	2	4	0	4
2023	Investigation of phase transition in the binary mixture of thermotropic liquid crystalline systems 4-(Heptylox) benzoic acid and 4-(Undecyloxy) benzoic acid using Raman and DFT studies	Patel C.B., Vikram K., Tripathi P.K., Nandi R., Ummer K., Shekhar S., Singh R., Singh R.K.	1677322	Journal of Molecular Liquids	382		0	0	1	0	1	0	1
2023	Development and potential use of MWCNT suspended in vegetable oil as a cutting fluid in machining of Monel 400	Ross N.S., Ganesh M., Ananth M.B.J., Kumar M., Rai R., Gupta M.K., Korkmaz M.E.	1677322	Journal of Molecular Liquids	382		0	0	8	1	9	0	9
2023	Eco-friendly phyllanthus emblica-based ionic polymer composite for enhanced mechanical, electrical, and wearable sensing performance	Mohanty S., Panwar V., Anoop G., Park S.	2540584	Materials Chemistry and Physics	303		0	0	0	0	0	0	0
2023	An Experimental Study on the Influence of Blended Karanja Biodiesel on Diesel Engine Characteristics	Naveen Y., Lokanadham D., Naidu D.R., Sharma R.C., Palli S., Lila M.K.	9753060	International Journal of Vehicle Structures and Systems	15	2	0	0	0	0	0	0	0
2023	CFD Simulation of Pressure, Temperature and Rotational Speed Influence on the Cavitation in Centrifugal Pump Impeller	Gupta P., Subhash M., Dobriyal R., Sharma R.C.	9753060	International Journal of Vehicle Structures and Systems	15	2	0	0	0	0	0	0	0
2023	Performance and Emission Investigation of Margosa Oil Biodiesel	Sai V., Rao C.J., Prasadarao B.V.V., Sharma R.C., Sreeramulu D., Lila M.K.	9753060	International Journal of Vehicle Structures and Systems	15	2	0	0	0	0	0	0	0
2023	Experimental Investigation on Thermal Behaviour of Silicon Carbide (SiC) based Polymer Composites under Hygrothermal Conditions	Saikiran C., Palli S., Bondala R., Sharma R.C., Sreeramulu D., Dontikurti R.	9753060	International Journal of Vehicle Structures and Systems	15	2	0	0	0	0	0	0	0
2023	How do personality traits influence Open Government Data (OGD) adoption and usage? Investigating the indirect and moderating effects	Rizun N., Alexopoulos C., Saxena S., Kleiman F., Matheus R.		ACM International Conference Proceeding Series			0	0	0	1	1	0	1
2023	Moderating effects of gender, perceived importance and usage experience towards Open Government Data (OGD) adoption and usage	Alexopoulos C., Saxena S.		ACM International Conference Proceeding Series			0	0	0	1	1	0	1
2023	Ferroelectric properties of terbium-doped multiferroics	Doley H., Swain P.K., Xinghao H., Singh U.		Dielectric Materials for Energy Storage and Energy Harvesting Devices			0	0	0	0	0	0	0
2023	Dielectric Materials for Energy Storage and Energy Harvesting Devices	Rajput S., Parida S., Sharma A., Sonika		Dielectric Materials for Energy Storage and Energy Harvesting Devices			0	0	2	0	2	0	2
2023	Safety, nutritional quality, and health benefits of organic products	Rana A., Tyagi M., Rai N., Arya S.K., Husain R., Singh A.		Transforming Organic Agri-Produce into Processed Food Products: Post-COVID-19 Challenges and Opportunities			0	0	0	0	0	0	0
2023	Adoption of ICTs as an emergent business strategy during and following COVID-19 crisis: evidence from Indian MSMEs	Kumar V., Verma P., Mittal A., Tuesta Panduro J.A., Singh S., Paliwal M., Sharma N.K.	14635771	Benchmarking	30	6	0	0	12	2	14	0	14
2023	Comprehensive Review on the Role of Plant Protein As a Possible Meat Analogue: Framing the Future of Meat	Arora S., Kataria P., Nautiyal M., Tuteja I., Sharma V., Ahmad F., Haque S., Shahwan M., Capanoglu E., Vashishth R., Gupta A.K.	24701343	ACS Omega	8	26	0	0	5	0	5	0	5
2023	A phyco-nanobionics biohybrid system for increased carotenoid accumulation in C. sorokiniana UUIND6	Bisht B., Jaiswal K.K., Parveen A., Kumar S., Verma M., Kim H., Vlaskin M.S., Singh N., Kumar V.	2050750X	Journal of Materials Chemistry B	11	31	0	0	0	0	0	0	0
2023	Relative phenolic profile, ros scavenging, and anti-haemolytic potential of polarity-driven peel bioactive compounds of distinct malus species indigenous to kashmir	Shah A.A., Gupta A., Rawat A., Parihar T., Pandey N., Kumar V.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	12	4	0	0	1	0	1	0	1
2023	Isolation and characterization of multi drug resistance bacterial pathogens from Song and Suswa river water in Dehradun	Pant R., Gupta A., Rohilla B., Singh A., Arya P., Shreya S., Patrick N., Kumar V.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	12	4	0	0	0	0	0	0	0
2023	A Comprehensive Analysis of Machine Learning-Based Assessment and Prediction of Soil Enzyme Activity	Shahare Y., Singh M.P., Singh P., Diwakar M., Singh V., Kadry S., Sevcik L.	20770472	Agriculture (Switzerland)	13	7	0	0	2	0	2	0	2
2023	Modified Wild Horse Optimizer for Constrained System Reliability Optimization	Kumar A., Pant S., Singh M.K., Chaube S., Ram M., Kumar A.	20751680	Axioms	12	7	0	0	1	0	1	0	1
2023	Analysis of series-parallel system's sensitivity in context of components failures	Shivani, Ram M., Goyal N., Kumar A.	28047303	RAIRO - Operations Research	57	4	0	0	0	0	0	0	0
2023	Draft Genome Sequence of Novel Streptomyces sp. Strain AJ-1, Isolated from a Leafcutter Ant in Uttarakhand, India	Choudhary M., Naik B., Kumar V., Verma A., Gupta S.	2576098X	Microbiology Resource Announcements	12	7	0	0	0	0	0	0	0

2023	Polyol Synthesis of Ag-Doped Copper Oxide Nanoparticles as a Methylene Blue-Degrading Agent	Baste Y., Jadhav V., Roy A., Alghamdi S., Abbas M., Algethami J.S., Almehmadi M., Allahyani M., Verma D., Yadav K.K., Jeon B.-H., Park H.-K.	20734344	Catalysts	13	7	0	0	2	3	5	0	5
2023	Effect of Wiper Edge Geometry on Machining Performance While Turning AISI 1045 Steel in Dry Conditions Using the VIKOR-ML Approach	Abbas A.T., Sharma N., Soliman M.S., El Rayes M.M., Sharma R.C., Elkaseer A.	20751702	Machines	11	7	0	0	0	0	0	0	0
2023	Impact of a Redox Flow Battery on the Frequency Stability of a Five-Area System Integrated with Renewable Sources	Jena N.K., Sahoo S., Sahu B.K., Naik A.K., Bajaj M., Misak S., Blazek V., Prokop L.	19961073	Energies	16	14	0	0	1	0	1	0	1
2023	Discovering Hidden Associations among Environmental Disclosure Themes Using Data Mining Approaches	Acar E., Sariyer G., Jain V., Ramtiyal B.	20711050	Sustainability (Switzerland)	15	14	0	0	0	0	0	0	0
2023	Highly Potent Antioxidant/Antibacterial Biogenic ZnO Nanoparticles-Enabled Nano-Scavenger Reinforced by Aegle Marmelos (Linn) Rind's Extract	Kumar A., Rustagi S., Malik S., Choudhary P., Khan Z.S., Allam A.Y., Naik B., Kumar V., Chaudhary V.	21628769	ECS Journal of Solid State Science and Technology	12	7	0	0	1	0	1	0	1
2023	Design, Synthesis, Molecular Docking, and Biological Evaluation of Isatin-Based Fused Heterocycles As Epidermal Growth Factor Receptor Inhibitors	Kumar A., Kumar B., Bhatia R.	1540658X	Assay and Drug Development Technologies	21	5	0	0	0	0	0	0	0
2023	The Influence of Elevated CO2 Concentrations on the Growth of Various Microalgae Strains	Chunzhuk E.A., Grigorenko A.V., Kiseleva S.V., Chernova N.I., Ryndin K.G., Kumar V., Vlaskin M.S.	22237747	Plants	12	13	0	0	1	0	1	0	1
2023	Estimation of Solar Radiation with Consideration of Terrestrial Losses at a Selected Location—A Review	Gupta S., Singh A.K., Mishra S., Vishnuram P., Dharavat N., Rajamanickam N., Kalyan C.N.S., AboRas K.M., Sharma N.K., Bajaj M.	20711050	Sustainability (Switzerland)	15	13	0	0	0	0	0	0	0
2023	Hydrothermal Oxidation of Coarse Aluminum Granules with Hydrogen and Aluminum Hydroxide Production: The Influence of Aluminum Purity	Ambaryan G.N., Buryakovskaya O.A., Kumar V., Valyano G.E., Kiseleva E.A., Grigorenko A.V., Vlaskin M.S.	20763417	Applied Sciences (Switzerland)	13	13	0	0	1	0	1	0	1
2023	A Compiled Update on Nutrition, Phytochemicals, Processing Effects, Analytical Testing and Health Effects of Chenopodium album: A Non-Conventional Edible Plant (NCEP)	Singh S., Singh A., Hallan S.S., Brangule A., Kumar B., Bhatia R.	14203049	Molecules	28	13	0	0	1	0	1	0	1
2023	A Novel Prairie Dog-Based Meta-Heuristic Optimization Algorithm for Improved Control, Better Transient Response, and Power Quality Enhancement of Hybrid Microgrids	Sahoo G.K., Choudhury S., Rathore R.S., Bajaj M.	14248220	Sensors	23	13	0	0	4	1	5	0	5
2023	Robust Medical Image Watermarking Scheme Using PSO, LWT, and Hessenberg Decomposition	Kumar L., Singh K.U., Kumar I., Kumar A., Singh T.	20763417	Applied Sciences (Switzerland)	13	13	0	0	0	0	0	0	0
2023	Deep Learning-Based Detection of Lung Nodules in CT Scans for Cancer Screening	Gudur A., Sivaraman H., Vimal V.	21476799	International Journal of Intelligent Systems and Applications in Engineering	11	7s	0	0	1	1	2	0	2
2023	Machine Learning-Based Analysis of Echocardiography Images for Cardiac Disease Diagnosis	Negi P., John D., Vimal V., Prasad V.	21476799	International Journal of Intelligent Systems and Applications in Engineering	11	7s	0	0	0	0	0	0	0
2023	Optimized CNN Model for Diabetic Retinopathy Detection and Classification	Maithili K., Madhavi Latha Y., Gangopadhyay A., Varghese I.K., Sundaram A., Pandey C., Kiran A.	21476799	International Journal of Intelligent Systems and Applications in Engineering	11	7s	0	0	1	0	1	0	1
2023	A new local structural similarity fusion-based thresholding method for homomorphic ultrasound image despeckling in NSCT domain	Singh P., Diwakar M., Singh V., Kadry S., Kim J.	13191578	Journal of King Saud University - Computer and Information Sciences	35	7	0	0	1	0	1	0	1
2023	A state of the art on surface morphology of selective laser-melted metallic alloys	Kuntoglu M., Salur E., Canli E., Aslan A., Gupta M.K., Waqar S., Krolczyk G.M., Xu J.	2683768	International Journal of Advanced Manufacturing Technology	127	3-4	0	0	2	3	5	0	5
2023	Implementation of green cooling/lubrication strategies in metal cutting industries: A state of the art towards sustainable future and challenges	Korkmaz M.E., Gupta M.K., Ross N.S., Sivalingam V.	22149937	Sustainable Materials and Technologies	36		0	0	6	0	6	0	6
2023	Modeling enablers of supply chain decarbonisation to achieve zero carbon emissions: an environment, social and governance (ESG) perspective	Sharma M., Shah J.K., Joshi S.	9441344	Environmental Science and Pollution Research	30	31	0	0	1	0	1	0	1
2023	Insights into the particle size, protein form, pasting and dough rheological properties of flour obtained from wheat grown at high and low altitude	Singh N., Katyal M., Virdi A.S., Saini J.S., Singh A.M., Ahlawat A.K.	9505423	International Journal of Food Science and Technology	58	7	0	0	0	0	0	0	0
2023	Overcoming barriers to implement digital technologies to achieve sustainable production and consumption in the food sector: A circular economy perspective	Sharma M., Joshi S., Govindan K.	23525509	Sustainable Production and Consumption	39		0	0	5	0	5	0	5
2023	Heavy metal tolerance in microalgae: Detoxification mechanisms and applications	Chakravorty M., Nanda M., Bisht B., Sharma R., Kumar S., Mishra A., Vlaskin M.S., Chauhan P.K., Kumar V.	0166445X	Aquatic Toxicology	260		0	0	1	2	3	0	3
2023	A global perspective on a new paradigm shift in bio-based meat alternatives for healthy diet	Rai A., Sharma V.K., Sharma M., Singh S.M., Singh B.N., Pandey A., Nguyen Q.D., Gupta V.K.	9639969	Food Research International	169		0	0	2	2	4	0	4
2023	Smartphone-based diagnostics for biosensing infectious human pathogens	Pawar A.A., Patwardhan S.B., Barage S., Raut R., Lakkakula J., Roy A., Sharma R., Anand J.	796107	Progress in Biophysics and Molecular Biology	180-181		0	0	1	0	1	0	1
2023	An inventory model for partial backlogging items with memory effect	Pakhira R., Ghosh U., Garg H., Mishra V.N.	14327643	Soft Computing	27	14	0	0	1	0	1	0	1
2023	Synthesis and electrochemical properties of OEB@NiO based electrode material	Chandra Joshi N., Gururani P., Kimothi S.	13877003	Inorganic Chemistry Communications	153		0	0	2	1	3	0	3

2023	Machine Learning Algorithms for Identifying Fake Currencies	Chandrappa S., Chandra Shekar P., Chaya P., Dharmanna L., Guruprasad M.S.	2662995X	SN Computer Science	4	4	0	0	2	0	2	0	2
2023	Role of optical measurement systems in analysing the surface topography of an industry standard component	Walczak D., Krolczyk J.B., Chudy R., Gupta M.K., Pruncu C., Krolczyk G.M.	304026	Optik	283		0	0	1	0	1	0	1
2023	Robust physical mutagenesis and multiomics for microalgae bioprospecting	Nanda M., Vlaskin M.S., Kumar V.	13601385	Trends in Plant Science	28	7	0	0	0	0	0	0	0
2023	Band gap and gate underlap engineered novel Si0.2Ge0.8/GaAs JLTFET with dual dielectric gate for improved wireless applications	Kumar K., Kumar A., Kumar V., Sharma S.C.	14348411	AEU - International Journal of Electronics and Communications	166		0	0	2	0	2	0	2
2023	Design, synthesis and biological evaluation of oxadiazole clubbed piperazine derivatives as potential antidepressant agents	Sahu B., Bhatia R., Kaur D., Choudhary D., Rawat R., Sharma S., Kumar B.	452068	Bioorganic Chemistry	136		0	0	2	0	2	0	2
2023	Analysis of the line contact tribo-lubrication pair and failure mechanism under the extreme conditions	Duan Z., Wu T., Glowacz A., Gupta M.K., Krolczyk G.	0301679X	Tribology International	185		0	0	0	0	0	0	0
2023	Relationship between energy consumption and surface integrity aspects in electrical discharge machining of hot work die steel	Nieslony P., Wojciechowski S., Gupta M.K., Chudy R., Krolczyk J.B., Maruda R., Krolczyk G.M.	22149937	Sustainable Materials and Technologies	36		0	0	6	1	7	0	7
2023	Investigation of Robotics Technology Based on Bipolar Complex Intuitionistic Fuzzy Soft Relation	Gwak J., Garg H., Jan N.	15622479	International Journal of Fuzzy Systems	25	5	0	0	8	0	8	0	8
2023	Synthesis and Electrochemical Properties of Silver Incorporated Biochar Nanocomposites	Joshi N.C., Gururani P., Chetana S., Kumar N.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	33	7	0	0	3	0	3	0	3
2023	A mathematical approach of evaluating sustainability indicators in milling of aluminium hybrid composite by different eco-friendly cooling strategies	Sivalingam V., Zhou Q., Selvam B., Sun J., Pandiyan K., Gupta M.K., Korkmaz M.E.	22149937	Sustainable Materials and Technologies	36		0	0	2	3	5	0	5
2023	A novel quantifiable approach of estimating energy consumption, carbon emissions and cost factors in manufacturing of bearing steel based on triple bottom-line approach	Jamil M., He N., Wei Z., Gupta M.K., Khan A.M.	22149937	Sustainable Materials and Technologies	36		0	0	3	3	6	0	6
2023	Insight into the significance of nanoparticle aggregation and non-uniform heat source/sink on titania–ethylene glycol nanofluid flow over a wedge	Kumar Rawat S., Yaseen M., Khan U., Kumar M., Abdulrahman A., Eldin S.M., Elattar S., Abed A.M., Galal A.M.	18785352	Arabian Journal of Chemistry	16	7	0	0	8	3	11	0	11
2023	Optimization of reactive power using dragonfly algorithm in DG integrated distribution system	Singh H., Sawle Y., Dixit S., Malik H., Garcia Marquez F.P.	3787796	Electric Power Systems Research	220		0	0	4	1	5	0	5
2023	Anomaly behavior detection analysis in video surveillance: a critical review	Roka S., Diwakar M., Singh P., Singh P.	10179909	Journal of Electronic Imaging	32	4	0	0	2	0	2	0	2
2023	Comparative Investigation of Band Gap and Gate Metal Engineered Novel Si0.2Ge0.8/GaAs Charge Plasma-Based JLTFET for Improved Electrical Performance	Kumar K., Kumar A., Kumar V., Sharma S.C.	1876990X	Silicon	15	11	0	0	4	1	5	0	5
2023	Effects of Silane-Treated High-Content Cellulose Okra Fibre and Tamarind Kernel Powder on Mechanical, Thermal Stability and Water Absorption Behaviour of Epoxy Composites	Sivakumar V., Kaliappan S., Natrayan L., Patil P.P.	1876990X	Silicon	15	10	0	0	7	1	8	0	8
2023	Performance and emission analysis of single-cylinder direct injection engine running with cottonseed-ethyl oleate biodiesel blends	Singh N.K., Singh Y., Rahim E.A., Sharma A., Singla A.	19447442	Environmental Progress and Sustainable Energy	42	4	0	0	0	0	0	0	0
2023	Development of epoxidized Moringa oleifera nanolubricant with CeO2 nanoparticles as an additive for improving the lubrication characteristics	Singh Y., Singh N.K., Sharma A., Singla A., Upadhyay A.	21906815	Biomass Conversion and Biorefinery	13	11	0	1	1	1	3	0	3
2023	Rheological characteristics and tribological performance of neem biodiesel–based nano oil added with MWCNT	Singh N.K., Singh Y., Sharma A., Chinnasamy V., Palamanit A.	21906815	Biomass Conversion and Biorefinery	13	11	0	0	3	1	4	0	4
2023	Production of high value-added biomolecules by microalgae cultivation in wastewater from anaerobic digestates of food waste: a review	Kumar V., Jaiswal K.K., Tomar M.S., Rajput V., Upadhyay S., Nanda M., Vlaskin M.S., Kumar S., Kurbatova A.	21906815	Biomass Conversion and Biorefinery	13	11	0	4	3	0	7	0	7
2023	Future directions in healthcare research	Singh K., Singh P., Angurala M.		Computational Health Informatics for Biomedical Applications			0	0	1	0	1	0	1
2023	IoT-based healthcare systems and their security concerns	Angurala M., Bala M., Singh P.		Computational Health Informatics for Biomedical Applications			0	0	0	0	0	0	0
2023	Big data and visualization-oriented latency-aware smart health architecture	Prasad M.S.G., Singh P., Angurala M.		Computational Health Informatics for Biomedical Applications			0	0	0	0	0	0	0
2023	Chloride threshold determination of hybrid inhibitor immersed in simulated concrete pore solution	Thanh Tran D., Lee H.-S., Kumar Singh J.	9500618	Construction and Building Materials	384		0	0	0	0	0	0	0
2023	Design and simulation of cantilever structured flexible polymer-based piezoelectric pressure sensors for biomedical applications	Panwar L.S., Panwar V.		Intelligent Technologies for Sensors: Applications, Design, and Optimization for a Smart World			0	0	0	0	0	0	0
2023	Modeling and performance analysis of a grid-connected photovoltaic system with advanced controller considering varying environmental conditions	Babu P.C., Kumar D.G., Sireesha N.V., Pushkarna M., Prashanth B.V., DSNMRAO, Kotb H., Aboras K.M., Bajaj M., Alphonse S.	0363907X	International Journal of Energy Research	2023		0	0	2	0	2	0	2
2023	Securing Fog Computing-based Industry 4.0 Communication Using Authenticated Key Agreement Scheme	Mishra A.K., Wazid M., Singh D.P., Das A.K., Guizani M.		2023 International Wireless Communications and Mobile Computing, IWCMC 2023			0	0	0	0	0	0	0
2023	Overview of swarm intelligence techniques for harvesting solar energy	Lim W.H., Sharma A.		Recent Advances in Energy Harvesting Technologies			0	0	0	0	0	0	0
2023	Recent advances in energy harvesting technologies	Rajput S., Sharma A., Jately V., Ram M.		Recent Advances in Energy Harvesting Technologies			0	0	0	0	0	0	0
2023	Preface	Rajput S., Sharma A., Jately V., Ram M.		Recent Advances in Energy Harvesting Technologies			0	0	1	0	1	0	1

2023	Global research progress on reproductive behavior and ethnobotany of the Saussurea genus: Literature review-based-bibliometric analysis	Singh P., Gargi B., Trivedi V., Thapliyal A., Semwal P.	15473465	Ethnobotany Research and Applications	26		0	0	2	1	3	0	3
2023	Allelopathic activity of genus Euphorbia	Deepti, Bachheti A., Arya A.K., Verma D.K., Bachheti R.K.	0094243X	AIP Conference Proceedings	2782		0	0	0	0	0	0	0
2023	A systematic analysis of trending NOSQL database tools and techniques: A survey	Sharma G., Tripathi V., Singh V.	0094243X	AIP Conference Proceedings	2782		0	0	2	0	2	0	2
2023	Usability of ultra-dense networks (UDNs) with emerging 5G technology	Upadhyay D., Mohd N., Joshi K.	0094243X	AIP Conference Proceedings	2782		0	0	0	0	0	0	0
2023	A review of network slicing based 5G	Upadhyay D., Gupta A., Mohd N., Pant B.	0094243X	AIP Conference Proceedings	2782		0	0	0	0	0	0	0
2023	Process for clean energy-pretreatment of cheap weedy raw material Ipomea carnea biomass with NaOH: Comparative process evaluation	Sharma A., Sharma P., Joshi A., Bachheti R.K., Mishra V.K.	0094243X	AIP Conference Proceedings	2782		0	0	0	0	0	0	0
2023	An efficient development framework for the generation of a local knowledge graph	Sharma G., Tripathi V., Saingh V.	0094243X	AIP Conference Proceedings	2782		0	0	0	0	0	0	0
2023	Measuring Surface Characteristics in Sustainable Machining of Titanium Alloys Using Deep Learning-Based Image Processing	Ross N.S., Shibi C.S., Mustafa S.M., Gupta M.K., Korkmaz M.E., Sharma V.S., Li Z.	1530437X	IEEE Sensors Journal	23	12	0	0	3	0	3	0	3
2023	Novel approach of cutting temperature measurement in sustainable milling of Ti-6Al-4V alloy	Jamil M., He N., Zhao W., Kumar Gupta M., Mashood Khan A.	2632241	Measurement: Journal of the International Measurement Confederation	214		0	0	2	0	2	0	2
2023	Experimental studies of latent heat storage based solar air heater for space heating: A comparative analysis	Saxena A., Cuce E., Singh D.B., Sethi M., Cuce P.M., Sagade A.A., Kumar A.	23527102	Journal of Building Engineering	69		0	0	13	1	14	0	14
2023	Generalized picture fuzzy distance and similarity measures on the complete lattice and their applications	Jin J., Garg H., You T.	9574174	Expert Systems with Applications	220		0	0	5	2	7	0	7
2023	Factors affecting omnichannel buying online and return in store: evidence from fast-fashion retail	Fares N., Lloret J., Kumar V., Frederico G.F.	17410398	Journal of Enterprise Information Management	36	4	0	0	0	1	1	0	1
2023	Numerical investigations on mechanical properties of bio-inspired 3D printed geometries using multi-jet fusion process	Chand R., Sharma V.S., Trehan R., Gupta M.K.	13552546	Rapid Prototyping Journal	29	6	0	0	1	0	1	0	1
2023	Isolation and Screening of Aqua-borne fungi from Song River	Pant R., Rohilla B., Chaudhary S., Bhatt R., Patrick N., Gupta A.	9743618	Research Journal of Pharmacy and Technology	16	6	0	0	0	0	0	0	0
2023	Impact of Welfare Measures on Job Satisfaction of Employees in the Industrial Sector of Northern India	Sapna, Chand K., Tiwari R., Bhardwaj K.	9703772	Finance India	37	2	0	0	0	0	0	0	0
2023	New distributional records of egg parasitoids (Hymenoptera, Chalcidoidea, Trichogrammatidae) from Chhattisgarh, India	Ikram M., Kaneria M., Faisal M., Ahmad W.	3779335	Entomon	48	2	0	0	0	0	0	0	0
2023	Gated Recurrent Units and Recurrent Neural Network Based Multimodal Approach for Automatic Video Summarization	Kaur L., Aljrees T., Kumar A., Pandey S.K., Singh K.U., Mishra P.K., Singh T.	7650019	Traitement du Signal	40	3	0	0	0	0	0	0	0
2023	Anaerobic Biodegradability Potential of RCF-Based Kraft Paper Mill Effluent	Tyagi A., Tripathi A.R., Naithani P., Gupta M.K.	9726268	Nature Environment and Pollution Technology	22	2	0	0	0	0	0	0	0
2023	Assessment its Antioxidant, Antimicrobial and Anti-Inflammatory Potential of Momordica Charantia	Singh A., Gupta A., Srivastava S., Choudhury B., Jain S., Bajpai A.B.	9746242	Biomedical and Pharmacology Journal	16	2	0	0	0	0	0	0	0
2023	Total phenolic, flavonoid content and anti-oxidant potential of Phaseolus vulgaris	Gupta A., Srivastava S., Singh A., Arya P., Bajpai A.B., Kumar V.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	12	3	0	0	0	0	0	0	0
2023	Combined m-Consecutive-k-Out-of-n: F and Consecutive kc-Out-of-n: F Structures with Cold Standby Redundancy	Triantafyllou I.S.	22277390	Mathematics	11	12	0	0	1	0	1	0	1
2023	Optimization, Identification, and Quantification of Selected Phenolics in Three Underutilized Exotic Edible Fruits Using HPTLC	Asfaw T.B., Tadesse M.G., Tessema F.B., Woldemariam H.W., Legesse B.A., Esho T.B., Bachheti A., AL-Huqail A.A., Taher M.A., Zouidi F., Saleh K.A., Kumar V., Siric I., Kumar P.	20711050	Sustainability (Switzerland)	15	12	0	0	0	0	0	0	0
2023	Green Synthesis of Gold and Silver Nanoparticles Using Invasive Alien Plant Parthenium hysterophorus and Their Antimicrobial and Antioxidant Activities	Leyu A.M., Debebe S.E., Bachheti A., Rawat Y.S., Bachheti R.K.	20711050	Sustainability (Switzerland)	15	12	0	0	0	1	1	0	1
2023	Diabetic Foot Ulcer Identification: A Review	Das S.K., Roy P., Singh P., Diwakar M., Singh V., Maurya A., Kumar S., Kadry S., Kim J.	20754418	Diagnostics	13	12	0	0	1	0	1	0	1
2023	Attention-Enabled Ensemble Deep Learning Models and Their Validation for Depression Detection: A Domain Adoption Paradigm	Singh J., Singh N., Fouda M.M., Saba L., Suri J.S.	20754418	Diagnostics	13	12	0	0	2	0	2	0	2
2023	Processing of Al/SiC/Gr Hybrid Composite on EDM by Different Electrode Materials Using RSM-COPRAS Approach	Abbas A.T., Sharma N., Alsuhaibani Z.A., Sharma V.S., Soliman M.S., Sharma R.C.	20754701	Metals	13	6	0	0	5	0	5	0	5
2023	Application of Biogenic TiO2 Nanoparticles as ORR Catalysts on Cathode for Enhanced Performance of Microbial Fuel Cell	Kumar A., Siddiqui T., Pandit S., Roy A., Gacem A., Souwaileh A.A., Mathuriya A.S., Fatma T., Sharma P., Rustagi S., Yadav K.K., Jeon B.-H., Park H.-K.	20734344	Catalysts	13	6	0	0	3	0	3	0	3
2023	Microplastic Pollution in Terrestrial Ecosystems and Its Interaction with Other Soil Pollutants: A Potential Threat to Soil Ecosystem Sustainability	Rai M., Pant G., Pant K., Aloo B.N., Kumar G., Singh H.B., Tripathi V.	20799276	Resources	12	6	0	0	5	1	6	0	6
2023	Hybrid Genetic and Spotted Hyena Optimizer for Flow Shop Scheduling Problem	Mzili T., Mzili I., Riffi M.E., Dhiman G.	19994893	Algorithms	16	6	0	0	2	0	2	0	2
2023	Effect of silver (Ag) doping on structural, optical and antimicrobial properties of copper oxide (CuO) nanostructures	Vikal S., Gautam Y.K., Kumar A., Kumar A., Singh N., Singh H., Singh B.P.	2632959X	Nano Express	4	2	0	0	2	0	2	0	2
2023	Semi-Infinite Mathematical Programming Problems Involving Generalized Convexity	Joshi B.C.	2311004X	Statistics, Optimization and Information Computing	11	3	0	0	0	0	0	0	0

2023	Ensemble Deep Learning Derived from Transfer Learning for Classification of COVID-19 Patients on Hybrid Deep-Learning-Based Lung Segmentation: A Data Augmentation and Balancing Framework	Dubey A.K., Chabert G.L., Carriero A., Pasche A., Danna P.S.C., Agarwal S., Mohanty L., Nillmani, Sharma N., Yadav S., Jain A., Kumar A., Kalra M.K., Sobel D.W., Laird J.R., Singh I.M., Singh N., Tsoulfas G., Fouda M.M., Alizad A., Kitas G.D., Khanna N.N., Viskovic K., Kukuljan M., Al-Maini M., El-Baz A., Saba L., Suri J.S.	20754418	Diagnostics	13	11	0	0	7	0	7	0	7
2023	Eventual Increase in Solar Electricity Production and Desalinated Water through the Formation of a Channel between the Mediterranean and the Dead Sea	Lineykin S., Sharma A., Averbukh M.	19961073	Energies	16	11	0	0	0	0	0	0	0
2023	Performance Optimization of Lignocellulosic Fiber-Reinforced Brake Friction Composite Materials Using an Integrated CRITIC-CODAS-Based Decision-Making Approach	Singh T., Aherwar A., Ranakoti L., Bhandari P., Singh V., Lendvai L.	20711050	Sustainability (Switzerland)	15	11	0	0	2	0	2	0	2
2023	A Comprehensive Review of Deep-Learning Applications to Power Quality Analysis	Samanta I.S., Panda S., Rout P.K., Bajaj M., Piecha M., Blazek V., Prokop L.	19961073	Energies	16	11	0	0	2	0	2	0	2
2023	Performance evaluation of Fe3O4@ACF-supported bio-electro Fenton system for simultaneous sewage treatment and methyl orange degradation	Berhe R.N., Kassahun S.K., Kang J.W., Lee I., Verma M., Kim H.	23524928	Materials Today Communications	35		0	0	1	2	3	0	3
2023	Advances in Metal Oxide-based Nanocatalysts for Biodiesel Production: A Review	Joshi N.C., Gururani P., Bhatnagar P., Kumar V., Vlaskin M.S.	21969744	ChemBioEng Reviews	10	3	0	0	2	0	2	0	2
2023	IOT-BASED cyber security identification model through machine learning technique	Lal B., Ravichandran S., Kavin R., Anil Kumar N., Bordoloi D., Ganesh Kumar R.	26659174	Measurement: Sensors	27		0	0	0	0	0	0	0
2023	Investigation of charge storage in admixture of dextrose derived interconnected carbon spheres and micro-sized silicon	Juyal S., Mishra A., Juneja P., Vikram K., Khoja U.B., Dumka M., Chauhan A., Gill F.S.	9259635	Diamond and Related Materials	136		0	0	0	1	1	0	1
2023	A comprehensive review on nutraceutical potential of underutilized cereals and cereal-based products	Rawat M., Varshney A., Rai M., Chikara A., Pohty A.L., Joshi A., Binjola A., Singh C.P., Rawat K., Rather M.A., Gupta A.K.	26661543	Journal of Agriculture and Food Research	12		0	0	3	3	6	0	6
2023	Effect of corn husk fiber length and diameter on load bearing, fatigue, and DMA properties of biosilica toughened epoxy composite	Pratheesh K., Gurupranes S.V., Kumar A., Patil P.P.	2728397	Polymer Composites	44	6	0	0	2	1	3	0	3
2023	Calibration and optimization of FSR based smart walking assistance device	Kumar M., Vasage A., Kulkarni G., Padhye O., Kerkar S., Gupta M., Singh K.	26318695	Engineering Research Express	5	2	0	0	0	0	0	0	0
2023	A new grey wolf optimization-based parameter estimation technique of solar photovoltaic	Rawat N., Thakur P., Singh A.K., Bhatt A., Sangwan V., Manivannan A.	22131388	Sustainable Energy Technologies and Assessments	57		0	0	6	1	7	0	7
2023	Freely Available Datasets Able to Simulate the Snowmelt Runoff in Himalayan Basin with the Aid of Temperature Index Modelling	Thapliyal A., Khajuria V., Thakur P.K., Kimothi S., Bisht M.P.S., Chauhan P.	0255660X	Journal of the Indian Society of Remote Sensing	51	6	0	0	0	1	1	0	1
2023	Development of chemically synthesized hydroxyapatite composite with reduced graphene oxide for enhanced mechanical properties	Flora B., Kumar R., Tiwari P., Kumar A., Ruokolainen J., Narasimhan A.K., Kesari K.K., Gupta P.K., Singh A.	17516161	Journal of the Mechanical Behavior of Biomedical Materials	142		0	0	0	1	1	0	1
2023	ISSR marker assisted genetic diversity assessment in natural populations of two endemic orchids Aerides multiflora and Rhynchostylis retusa from Uttarakhand, India	Lal A., Pant M., Pant G., Palni L.M.S., Kumar A., Kumar G.	2546299	South African Journal of Botany	157		0	0	3	0	3	0	3
2023	Valorization of tender coconut mesocarp for the formulation of ready-to-eat dairy-based dessert (Kheer): Utilization of industrial by-product	Naik B., Kumar V., Gupta A.K.	26661543	Journal of Agriculture and Food Research	12		0	0	0	0	0	0	0
2023	Soft pneumatic actuator with an embedded flexible polymeric piezoelectric membrane for sensing bending deformation	Gariya N., Kumar P., Prasad B., Singh T.	23524928	Materials Today Communications	35		0	0	4	1	5	0	5
2023	Microbial phytase: Their sources, production, and role in the enhancement of nutritional aspects of food and feed additives	Rizwanuddin S., Kumar V., Naik B., Singh P., Mishra S., Rustagi S., Kumar V.	26661543	Journal of Agriculture and Food Research	12		0	0	4	3	7	0	7
2023	Novel IoT framework for event processing in healthcare applications	Shaikh N., Kasat K., Godi R.K., Krishna V.R., Chauhan D.K., Kharade J.	26659174	Measurement: Sensors	27		0	0	1	1	2	0	2
2023	Waste marble dust-filled sustainable polymer composite selection using a multi-criteria decision-making technique	Singh T., Pattnaik P., Shekhawat D., Ranakoti L., Lendvai L.	18785352	Arabian Journal of Chemistry	16	6	0	0	3	1	4	0	4
2023	Intuitionistic fuzzy three-way ranking-based TOPSIS approach with a novel entropy measure and its application to medical treatment selection	Jin J., Garg H.	9659978	Advances in Engineering Software	180		0	0	7	3	10	0	10
2023	A comparative study of Polarimetric sensing with freestanding n-type porous silicon and porous alumina membrane	Kumar N., Kumar T., Kumar D., Shariq M., Alathlawi H.J., El-Bialy E., Ahmed I.A., Alhazmi N.E., Almutib E., Khan M.S.	2540584	Materials Chemistry and Physics	301		0	0	0	0	0	0	0
2023	State-of-the-art and future directions of machine learning for biomass characterization and for sustainable biorefinery	Velidandi A., Kumar Gandam P., Latha Chinta M., Konakanchi S., reddy Bhavanam A., Raju Baadhe R., Sharma M., Gaffey J., Nguyen Q.D., Gupta V.K.	20954956	Journal of Energy Chemistry	81		0	0	4	6	10	0	10
2023	Dynamics of One-Dimensional Motion of a Gas Under the Influence of Monochromatic Radiation	Tanwar D.V., Sahu P.K.	15755460	Qualitative Theory of Dynamical Systems	22	2	0	0	0	0	0	0	0
2023	An Autonomic Workload Prediction and Resource Allocation Framework for Fog-Enabled Industrial IoT	Kumar M., Kishor A., Samariya J.K., Zomaya A.Y.	23274662	IEEE Internet of Things Journal	10	11	0	2	3	0	5	0	5

2023	Nanocomposite of intrinsically conductive polymers used as the active component in acetone solvent sensors	Sonika, Verma S.K., Sharma G., Nayak R., Meher A., Samal P., Sharma A.	23656379	Nanotechnology for Environmental Engineering	8	2	0	0	0	0	0	0	0
2023	Novel Gained and Lost Dominance Score Method Based on Cumulative Prospect Theory for Group Decision-Making Problems in Probabilistic Hesitant Fuzzy Environment	Liao N., Cai Q., Garg H., Wei G., Xu X.	15622479	International Journal of Fuzzy Systems	25	4	0	0	5	2	7	0	7
2023	Challenges and future opportunities of nanoparticle applications to various biofuel generation processes – a review	Negi P., Singh Y., Yadav A., Singh N.K., Sharma A., Singh R.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	237	3	0	0	2	1	3	0	3
2023	An overview of green methods for Fe2O3 nanoparticle synthesis and their applications	Ahmad W., Joshi H.C., Pandey S., Kumar V., Verma M.	20089295	International Nano Letters	13	2	0	0	2	0	2	0	2
2023	Antimicrobial potential of in vitro and in vivo plant parts of Paeonia emodi Wallich Ex Royle (Himalayan peony)	Joshi K., Adhikari P., Bhatt I.D., Pandey A.	9704078	Vegetos	36	2	0	0	1	0	1	0	1
2023	Combating the infodemic: COVID-19 induced fake news recognition in social media networks	Biradar S., Saumya S., Chauhan A.	21994536	Complex and Intelligent Systems	9	3	0	3	2	0	5	0	5
2023	Photosynthetic microalgae–based carbon sequestration and generation of biomass in biorefinery approach for renewable biofuels for a cleaner environment	Jaiswal K.K., Dutta S., Banerjee I., Pohrmen C.B., Kumar V.	21906815	Biomass Conversion and Biorefinery	13	9	0	6	8	1	15	0	15
2023	MADP-IIME: malware attack detection protocol in IoT-enabled industrial multimedia environment using machine learning approach	Pundir S., Obaidat M.S., Wazid M., Das A.K., Singh D.P., Rodrigues J.J.P.C.	9424962	Multimedia Systems	29	3	0	2	2	0	4	0	4
2023	Electrode optimization for improved dielectrophoretic separation of microparticles	Kumar M., Gupta A., Mishra A., Saxena A., Kumar A., Singh K.	0094243X	AIP Conference Proceedings	2752		0	0	0	0	0	0	0
2023	Investigating the impact of COVID-19 on sustainable food supply chains	Kumar V., Yetkin Ekren B., Wang J., Shah B., Frederico G.F.	17465664	Journal of Modelling in Management	18	4	0	0	4	0	4	0	4
2023	Design and Development of COX-II Inhibitors: Current Scenario and Future Perspective	Chahal S., Rani P., Kiran, Sindhu J., Joshi G., Ganesan A., Kalyaanamoorthy S., Mayank, Kumar P., Singh R., Negi A.	24701343	ACS Omega	8	20	0	0	7	0	7	0	7
2023	Servitization in the circular supply chain: delineating current research and setting future research plan	Mishra A., Badhotiya G.K., Patil A., Siddh M.M., Ram M.	14777835	Management of Environmental Quality: An International Journal	34	4	0	0	5	0	5	0	5
2023	Factors implementing sustainable circular economy in agro-produce supply chain: DEMATEL-DANP-based approach	Avikal S., Pant R., Barthwal A., Ram M., Upadhyay R.K.	14777835	Management of Environmental Quality: An International Journal	34	4	0	0	0	0	0	0	0
2023	Can suppliers be sustainable in construction supply chains? Evidence from a construction company using best worst approach	Singh A., Kumar V., Verma P., Ramtiyal B.	14777835	Management of Environmental Quality: An International Journal	34	4	0	0	6	1	7	0	7
2023	Exploration of Antibiofilm and In Vivo Wound Healing Activity of p-Cymene-Loaded Gellan/PVA Nanofibers	Mishra P., Gupta P., Srivastava R., Srivastava A.K., Poluri K.M., Prasad R.	25766422	ACS Applied Bio Materials	6	5	0	0	1	3	4	0	4
2023	Maclaurin symmetric mean aggregation operators based on novel Frank T-norm and T-conorm for intuitionistic fuzzy multiple attribute group decision-making	Hussain A., Wang H., Ullah K., Garg H., Pamucar D.	11100168	Alexandria Engineering Journal	71		0	0	2	3	5	0	5
2023	Factors influencing the gas porosity formation in A438 alloy wheels produced by gravity die casting	Abuthakeer S.S., Pandian A.A.S., Natarajan M.P., Patil P.P., Kaliappan S., Balaji V.	0094243X	AIP Conference Proceedings	2747		0	0	0	0	0	0	0
2023	Mechanically constrained single-loop 6-bar chain from double 6R chain	Mehershilpa G., Muralidharan K., Kaliappan S., Patil P.P., Sathish T., Meganathan D.	0094243X	AIP Conference Proceedings	2747		0	0	0	0	0	0	0
2023	A study on mechanical properties of heat treated Fe-Ag-Al alloys	Kaliappan S., Muralidharan K., Natarajan M.P., Patil P.P., Karthick R., Socrates S.	0094243X	AIP Conference Proceedings	2747		0	0	0	0	0	0	0
2023	Determinants of dielectric behaviour of MO8+substituted LiFe5O8	Kaliappan S., Pati C.K., Karthick M., Patil P.P., Socrates S., Balaji V.	0094243X	AIP Conference Proceedings	2747		0	0	0	0	0	0	0
2023	A study on methylene blue photocatalytic activity in the presence of different shape lead (II) sulphide nanoparticles	Kaliappan S., Pati C.K., Kamal M.D.R., Patil P.P., Sureshkumar M.S., Balaji V.	0094243X	AIP Conference Proceedings	2747		0	0	0	0	0	0	0
2023	A study on multi-walled carbon nanotube reinforced Al7075 nano composites by P/M route	Kaliappan S., Abuthakeer S.S., Gaur P., Patil P.P., Bhavani G., Logesh M.	0094243X	AIP Conference Proceedings	2747		0	0	0	0	0	0	0
2023	Carburization effect on mechanical properties of EN-12 steel in different quenching medium at different quenching time intervals	Natarajan M.P., Rameshkumar K., Vijayakumar D., Patil P.P., Kaliappan S., Thirumalai T.	0094243X	AIP Conference Proceedings	2747		0	0	0	0	0	0	0
2023	Literature review on circular supply chain management	Dey I., Soni G., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Application of value stream mapping for waste elimination: A case of construction equipment industry	Badhotiya G.K., Chauhan A.S., Yadav A., Kushwaha P., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	An investigation on aquifer thermal energy storage augmented with solar energy	Bist N., Sircar A., Joshi P., Yadav K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Effect of spring stiffness and damping constant on the harmonics of a nonlinear quarter car model	Paliwal V., Dobriyal R., Agarwal R., Sharma P., Singh D.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Nano-particle and its impact on the lubrication process	Singla A., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Utilization of edible film and coating material obtained from fruits and vegetables residue: A review	Bose I., Singh R., Negi S., Tiwari K.	0094243X	AIP Conference Proceedings	2521		0	0	1	0	1	0	1
2023	Trending ionic liquids for sensor applications	Prasad B.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Malachite green dye adsorption using activated pine ash	Prasad B., Mishra A., Goswami R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Biological effects of 5G mobile phone radiation on tissues of human beings due to the frequency of 3 GHz	Kumar V., Gupta S., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0

2023	Desludging and sanitation service models in sanitation value chain: Emerging opportunities and challenges	Gupta S., Kushwaha P., Chauhan A.S., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Experimental performance of flat plate solar collector using Al2O3-water nanofluid	Singh D., Sharma A.K., Dobriyal R., Paliwal V.	0094243X	AIP Conference Proceedings	2521		0	0	1	1	2	0	2
2023	Design and simulation of a portable backpack bridge	Shukla A., Badhotiya G.K., Joshi P., Bisht V.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Efficiency analysis and material characteristics of Fog collector for water harvesting	Joshi P., Vashistha R., Panchal V., Patel J., Bist N., Yadav K., Sircar A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Industrial/agricultural waste utility study as reinforcement in metal matrix and fibre reinforced polymer matrix composites	Kandpal B.C., Johri N.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Synthesis and characterization of polymeric slow-release N fertilizer and evaluation of fertilizer release	Mishra A., Namgay T., Bhatt N., Goswami R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Microporous Pitu activated carbon (PAC) from pine biomass	Prasad B., Mishra A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	A systematic review of supply chain reconfiguration research	Kumar D., Patil A.K., Soni G., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Chemical modification of sal oil and its tribological characterization	Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Biodiesel as an alternative fuel employed in CI engine to meet the sustainability criteria: A review	Singh Y., Singh N.K., Sharma A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Optimization of Al 4032 alloy reinforced with silicon carbide using Taguchi method	Singh H.P., Singh Y., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Estimation of thrust coefficient and performance analysis of Quadcopter two and four blade propeller using computational fluid dynamics	Ahmad F., Rawat B.S., Bhatt A., Patil P.P.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Performance study of 4-stroke 4-cylinder diesel engine using non-edible oils	Sati P., Singh S., Joshi U.C., Kumar R., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Sustainable human resource management: A review	Saini S., Sachdeva L., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Tribological properties of base stocks and additives for bio-lubricants: A short review	Negi P., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Environmental and socio-economic benefits of recycling of waste papers generated by educational institutes	Gupta S., Kumar V., Dhyani A., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Role of disruptive technologies for long-term energy sustainability: An overview of the Indian scenario	Joshi P., Vashistha R., Patel S.B., Patel M.D., Shah T.K., Sircar A., Bist N.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Webometric study on usage of nanomaterials in pavement construction	Kushwaha P., Sachdeva N., Mathur A., Chauhan A.S., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Finite element analysis of single and double layered composite lamina for ballistic impact	Manral A.R., Sharma S., Joshi J., Kumar P.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Impact analysis of digital marketing on E-commerce: A review	Lamba A., Tripathi V., Sharma G.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Unraveling anti-cancer potential of phytotoxins using machine learning approaches	Khan S., Karnwal A., Pant B., Desai A.B., Gangodkar D.P., Pant K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Mechanical and physical properties of particle board developed from millet cob and rohida (Tecomella Undulata) wood	Singh N., Rana A., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Adhesive systems used for particleboards manufacturing - Review	Singh N., Rana A., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	A review techno-economic aspect and the performance of energy storage techniques	Singla A., George G.K., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	1	1	0	1
2023	Analysis of HHO gas generation rate under KOH & NaOH electrolytic solution	Singla A., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	CFD simulation of flow over NACA 0012 airfoil	Singh T., Mittal G., Mittal S., Tyagi R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Effect of TiC and ZrO2nano particles reinforcement on mechanical properties of Al based alloys	Singla A., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Recent developments and an overview of the nanotechnology to enhance the performance of solar collectors	Negi P., Singh Y., Yadav A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Agility enhancement in CNC machines through parametric programming	Hasan M.A., Badhotiya G.K., Sinha S.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Carbon sequestration: Capture, storage & utilization of CO2emissions from anthropogenic sources	Joseph E.T., Ashok A., Singh D., Ranganathan A., Pandey G., Bhan U., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	2	0	2	0	2
2023	Modeling of a hybrid photovoltaic-thermoelectric system	Mittal G., Pathak K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	A review on controller placement problem in software defined networking	Deep G., Tripathi V., Dumka A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Harmonic behavior analyses of a non linear quarter car model	Paliwal V., Dobriyal R., Sharma P., Singh D., Agarwal R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Industry 4.0 implementation in electronics manufacturing industry - A case study	Narula S., Prakash S., Dwivedy M., Talwar V., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Effects of pandemic on different industries	Gupta S., Kumar V., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Preparation of NP loaded Chitosan-egg albumin based microparticles and study of release profile	Goswami R., Mishra A., Kumar A., Bairy P.S.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	TRS: Trusted recommendation system for fast changing dataset	Sharma M., Pant B., Singh V.	0094243X	AIP Conference Proceedings	2521		0	0	1	0	1	0	1
2023	Influence of multilayer fertilization technique using IOT platform on absorption rate of NPK fertilizers of cotton crop	Bhende N.V., Kumar D., Purohit J.K., Junankar A.A., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	A study on glazing to optimize daylight for improving lighting ergonomics and energy efficiency of a building	Gupta S., Kushwaha P., Chauhan A.S., Yadav A., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Advancements in the field of food science with the application of nanotechnology: A review	Tiwari K., Negi P., Rawat A., Singh Y., Singh R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	A review on microchannel heat exchanger and the effects of various parameters	Yadav A., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Analysis of potato supply chain in Indian context using ISM	Prakash S., Kakumanu U., Badhotiya G.K., Singh R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0

2023	Stability analysis methods of superhydrophobic coating on various substrate	Singla A., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Introduction to tunnels and tunneling operations in the Himalaya's part of India	Singh B., Kumar A., Verma A., Bhan U., Pandey G., Singh D., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Experimental study of heat transfer in tube heat exchanger using circular perforated ring with concentric elliptical hollow insert and twisted tape	Singh S., Bisht S., Negi J.S., Nautiyal V., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Comparative static structural analysis of solid and drilled disc brake rotors	Singh D., Sharma A., Yadav A., Chauhan A.S., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Dynamics and optimization of a quarter car model with power law spring	Dobriyal R., Kumar P., Jha N.K., Paliwal V., Gariya N.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	The applications of nanotechnology in nutraceuticals: A review	Tiwari K., Bafila P., Negi P., Singh R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Analysis of mechanical properties of aluminium alloy 7075 based metal matrix composites utilizing stir casting blade stirrer	Kandpal B.C., Johri N., Ramdas N., Bhatti T., Malhotra S., Vinay, Shivoy	0094243X	AIP Conference Proceedings	2521		0	0	1	0	1	0	1
2023	Understanding the complexity in the behaviour of a nonlinear oscillator	Dobriyal R., Ho M., Kumar P.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Does the deposition of varied shale lithofacies in the Subathu shale of Parwanoo area (H.P) represent an occurrence of an oceanic anoxic events?	Singh B., Singh S., Singh D., Bhan U., Ranganathan A., Pandey G., Goswami L., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Modeling and analysis of a solid desiccant cooling system	Gwalwanshi M., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Bending analysis of a soft pneumatic finger using finite element method	Gariya N., Kumar P.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Modeling of a heat recovery heat exchanger for ventilation	Mittal G., Chandra D.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Application of parametric programming in CNC machine tools	Hasan M.A., Badhotiya G.K., Sinha S.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Effect of blend and MgO nanoparticle additive on the tribological performance of linseed based biodiesel	Singh Y., Kumar Singh N., Sharma A., Chen W.-H., Abd Rahim E.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	A state-of-the art bibliometric analysis of intelligent predictive decision support systems	Dwivedi R., Patil A., Soni G., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	ECG signals denoising using optimized threshold function using discrete Wavelet transform	Madan P., Singh V., Singh D.P., Pant B., Diwakar M.	0094243X	AIP Conference Proceedings	2521		0	0	1	0	1	0	1
2023	Enhancing compliance rate of hand hygiene before and after Covid-19: An interference analysis in Abu Dhabi, UAE hospitals	Agarwal D., Singh V., Madan P., Pant B.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Effect of Covid-19 on tourism industry - A case of Uttarakhand, India	Shrikaant, Badhotiya G.K., Upreti A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Tourism in India: The reasons of tourist gathering after 2ndwave	Grover N.K., Avikal S., Monga S., Nithin Kumar K.C.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Effect of process parameter variation on properties of particle board made from Millet cob and rohida wood	Singh N., Rana A., Badhotiya G.K.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	A review on soft robotic technologies	Gariya N., Kumar P., Dobriyal R.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Finite element analysis of CFF with epoxy-resin matrix and PVDF composite plates under transverse load	Gariya N., Singh A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Novel method for the utilization of solar and geothermal energies for CO2capture: Renewable y	Bist N., Patel H., Verma E., Sircar A., Joshi P.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Chemically modified kusum oil and its lubricity analysis at various loads	Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Design and development of self levelling side stand	Bisht A., Banduni H., Bisht C., Almia M.S., Avikal S., Singh A.K., Nithin Kumar K.C.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Trim analysis of a tethered airfoil	Dobriyal R., Kumar P., Maqsood A.	0094243X	AIP Conference Proceedings	2521		0	0	0	0	0	0	0
2023	Fabrication methods of nano-based metal matrix composites: A review	Singla A., Singh Y.	0094243X	AIP Conference Proceedings	2521		0	0	1	0	1	0	1
2023	IoT for ALL: Usage and significance of IoT for generation X, Y, and Z	Bhargava A., Bhargava D., Vyas S.		Internet of Things: Applications for Sustainable Development			0	0	0	0	0	0	0
2023	Analysis of Forest Cover Over the Years in the Triplet Indian States of Uttarakhand, Chhattisgarh, and Jharkhand: Insights Based on the Data From 2001 to 2019	Sharma N., Govindarajan H.K.	26024039	Forestist	73	2	0	0	0	0	0	0	0
2023	Oxygen-generating nanomaterials for chronic wound management	Raina N., Shiekh P.A., Kumar A., Singh M.S., Gupta P.K., Gupta M.	17435889	Nanomedicine	18	11	0	0	0	0	0	0	0
2023	Deep stacked denoising autoencoder for unsupervised anomaly detection in video surveillance	Roka S., Diwakar M.	10179909	Journal of Electronic Imaging	32	3	0	0	1	0	1	0	1
2023	Evaluation of hydroxyapatite-chitosan-magnetite nanocomposites for separation of pharmaceuticals from water: A mechanistic and comparative approach	Nayak A., Bhushan B., Kotnala S.	27724166	Journal of Hazardous Materials Advances	10		0	0	1	0	1	0	1
2023	On Selection of the Efficient Water Purification Strategy at Commercial Scale Using Complex Intuitionistic Fuzzy Dombi Environment	Masmali I., Khalid A., Shuaib U., Razaq A., Garg H., Razzaque A.	20734441	Water (Switzerland)	15	10	0	0	6	0	6	0	6
2023	Bio-Fabrication of Cu/Ag/Zn Nanoparticles and Their Antioxidant and Dye Degradation Activities	Kunwar S., Roy A., Bhusal U., Gacem A., Abdullah M.M.S., Sharma P., Yadav K.K., Rustagi S., Chatterjee N., Deshwal V.K., Park H.-K., Jeon B.-H.	20734344	Catalysts	13	5	0	0	5	0	5	0	5
2023	Hydrothermal synthesis of nickel oxide nanoflowers as a blend of 1D and 2D morphologies for its improved OER activity and supercapacitance	Upadhyay S., Kumar N., Tanwar N., Priya R., Chetana S., Joshi N.C., Hossain I., Pandey O.P.	9574522	Journal of Materials Science: Materials in Electronics	34	15	0	0	3	0	3	0	3

2023	Review of Wireless Charging System: Magnetic Materials, Coil Configurations, Challenges, and Future Perspectives	Vishnuram P., Panchanathan S., Rajamanickam N., Krishnasamy V., Bajaj M., Piecha M., Blazek V., Prokop L.	19961073	Energies	16	10	0	0	5	0	5	0	5
2023	Influence of Spatial Dispersal among Species in a Prey–Predator Model with Miniature Predator Groups	Shivam, Aljrees T., Singh T., Varshney N., Kumar M., Singh K.U., Vimal V.	20738994	Symmetry	15	5	0	0	0	0	0	0	0
2023	Academic Research on Indian Mutual Funds: A Systematic Review	Mohan A., Bohra N.S.	9738711	Indian Journal of Finance	17	5	0	0	0	0	0	0	0
2023	Statistical Fuzzy Reliability Assessment of a Blended System	Chachra A., Kumar A., Ram M., Triantafyllou I.S.	20751680	Axioms	12	5	0	0	1	0	1	0	1
2023	Development of Nanocellulose-Chitosan-Based Nanocomposite for Adsorption of Malachite Green: Isotherms and Kinetic Study	Goswami R., Mishra A., Prasad B., Bhatt N.	496979	Water, Air, and Soil Pollution	234	5	0	0	1	0	1	0	1
2023	A critical review addressing conventional twist drilling mechanisms and quality of CFRP/Ti stacks	Xu J., Kolesnyk V., Li C., Lysenko B., Peterka J., Gupta M.K.	22387854	Journal of Materials Research and Technology	24		0	0	3	1	4	0	4
2023	Secure NIfTI Image Authentication Scheme for Modern Healthcare System	Singh K.U., Aljrees T., Kumar A., Singh T.	20763417	Applied Sciences (Switzerland)	13	9	0	0	0	0	0	0	0
2023	Experimental and Mathematical Study of Flexible–Rigid Rail Vehicle Riding Comfort and Safety	Sharma S.K., Sharma R.C., Choi Y., Lee J.	20763417	Applied Sciences (Switzerland)	13	9	0	0	7	0	7	0	7
2023	Second-Generation Bio-Fuels: Strategies for Employing Degraded Land for Climate Change Mitigation Meeting United Nation-Sustainable Development Goals	Pramanik A., Sinha A., Chaubey K.K., Hariharan S., Dayal D., Bachheti R.K., Bachheti A., Chandel A.K.	20711050	Sustainability (Switzerland)	15	9	0	0	4	1	5	0	5
2023	Impact of Fireworks Industry Safety Measures and Prevention Management System on Human Error Mitigation Using a Machine Learning Approach	Nallathambi I., Savaram P., Sengan S., Alharbi M., Alshathri S., Bajaj M., Aly M.H., El-Shafai W.	14248220	Sensors	23	9	0	0	1	0	1	0	1
2023	Enhancing Data Security in IoT Networks with Blockchain-Based Management and Adaptive Clustering Techniques	Kiran A., Mathivanan P., Mahdal M., Sairam K., Chauhan D., Talasila V.	22277390	Mathematics	11	9	0	0	0	0	0	0	0
2023	Aquatic Weed Derived SnO2 Nanoparticle: Synthesis, Characterization and its Application for Degradation of Dyes and Wastewater Treatment	Pandey S., Singh A., Ahmad W., Panwar R., Anand S.	9707077	Asian Journal of Chemistry	35	5	0	0	0	0	0	0	0
2023	Antimicrobial Peptides Against Microbial Biofilms: Efficacy, Challenges, and Future Prospect	Naaz T., Lahiri D., Pandit S., Nag M., Gupta P.K., Al-Dayan N., Rai N., Chaubey K.K., Gupta A.K.	15733149	International Journal of Peptide Research and Therapeutics	29	3	0	0	2	1	3	0	3
2023	Psychological well-being of young adults during COVID-19 pandemic: Lesson learned and future research agenda	Luthra S., Agrawal S., Kumar A., Sharma M., Joshi S., Kumar J.	24058440	Heliyon	9	5	0	0	2	0	2	0	2
2023	Comparative assessment of artificial intelligence (AI)-based algorithms for detection of harmful bloom-forming algae: an eco-environmental approach toward sustainability	Gaur A., Pant G., Jalal A.S.	21905487	Applied Water Science	13	5	0	0	3	1	4	0	4
2023	Securing the Internet of Things-enabled smart city infrastructure using a hybrid framework	Shankar A., Maple C.	1403664	Computer Communications	205		0	0	3	0	3	0	3
2023	Dexras1: A human G protein subcloning, expression, and purification optimization and prediction of its structural determinants	Verma R., Thapliyal A., Kumar N.	2347212X	Journal of Applied Biology and Biotechnology	11	3	0	0	0	0	0	0	0
2023	An efficient microfluidic pressure sensing structure optimization using microcantilever integration	Saxena A., Kumar M., Mishra D., Singh K.	318949	Physica Scripta	98	5	0	0	0	0	0	0	0
2023	Effects of heat source on the stagnation point flow of a nanofluid over a stretchable sheet with magnetic field and zero mass flux at the surface	Negi A.S., Kumar A., Yaseen M., Rawat S.K., Saini A.	26663597	Forces in Mechanics	11		0	0	7	1	8	0	8
2023	Insights into the growth parameters, mineral composition, protein and UHPLC–QTOF–LC/MS-based non-targeted metabolomic fingerprints of wheatgrass as a function of photoperiod and temperature	Kumar A., Singh N., Joshi R.	9505423	International Journal of Food Science and Technology	58	5	0	0	4	2	6	0	6
2023	Effect of ultrasonication on physicochemical, amino-acids, sugar profile, antioxidant, pasting, and dynamic rheological properties of malted mung beans and lentils	Banura S., Singh N.	9505423	International Journal of Food Science and Technology	58	5	0	0	0	0	0	0	0
2023	Performance analysis of solar PV parameter estimation techniques	Rawat N., Thakur P., Singh A.K., Bansal R.C.	304026	Optik	279		0	0	0	0	0	0	0
2023	Optimum supervised classification algorithm identification by investigating PlanetScope and Skysat multispectral satellite data of Covid lockdown	Shakya A.K., Ramola A., Singh S., Vidyarthi A.	27728838	Geosystems and Geoenvironment	2	2	0	0	1	1	2	0	2
2023	A critical review on molecular dynamics applied to structure fracture and failure analysis	Wang M., Incecik A., Yang C., Gupta M.K., Krolczyk G., Andriukaitis D., Li Z.	9557997	Engineering Analysis with Boundary Elements	150		0	0	1	1	2	0	2
2023	Microbial Fuel Cell–Based Biosensors and Applications	Varshney A., Sharma L., pandit C., Gupta P.K., Mathuriya A.S., Pandit S., Lahiri D., Nag M., Upadhye V.J.	2732289	Applied Biochemistry and Biotechnology	195	5	0	0	0	1	1	0	1
2023	Emergence of monkeypox: a worldwide public health crisis	Begum J.P.S., Ngangom L., Semwal P., Painuli S., Sharma R., Gupta A.	9147470	Human Cell	36	3	0	0	3	0	3	0	3
2023	An experimental comparative analysis of the appropriateness of different sensible heat storage materials for solar cooking	Saxena A., Joshi S.K., Gupta P., Tirth V., Suryavanshi A., Singh D.B., Sethi M.	2352152X	Journal of Energy Storage	61		0	0	8	2	10	0	10
2023	Total variation-based ultrasound image despeckling using method noise thresholding in non-subsampled contourlet transform	Singh P., Diwakar M.	8999457	International Journal of Imaging Systems and Technology	33	3	0	0	3	0	3	0	3
2023	State-of-the-Art Load Balancing Algorithms for Mist-Fog-Cloud Assisted Paradigm: A Review and Future Directions	Tripathy S.S., Mishra K., Roy D.S., Yadav K., Alferaidi A., Viriyasitavat W., Sharmila J., Dhiman G., Barik R.K.	11343060	Archives of Computational Methods in Engineering	30	4	0	0	7	1	8	0	8
2023	Adverse effect of social media on generation Z user's behavior: Government information support as a moderating variable	Sharma M., Kaushal D., Joshi S.	9696989	Journal of Retailing and Consumer Services	72		0	0	1	2	3	0	3

2023	Influence of phosphate ions on passive film formation in amino acid-containing concrete pore solutions with chloride ions	Tran D.T., Lee H.-S., Singh J.K.	23527102	Journal of Building Engineering	66		0	0	4	3	7	0	7
2023	Weakly supervised prototype topic model with discriminative seed words: modifying the category prior by self-exploring supervised signals	Li X., Wang B., Wang Y., Ouyang J., Garg H., Thanh D.N.H.	14327643	Soft Computing	27	9	0	0	1	0	1	0	1
2023	Thermodynamics and Heat Transfer Analysis of Magnetized Casson Hybrid Nanofluid Flow via a Riga Plate with Thermal Radiation	Upreti H., Pandey A.K., Joshi N., Makinde O.D.	27374165	Journal of Computational Biophysics and Chemistry	22	3	0	0	16	4	20	0	20
2023	Phytochemical Analysis and Demonstration of Antioxidant, Antibacterial, and Antibiofilm Activities of Ethnomedicinal Plants of North East India	Rather M.A., Gupta K., Gupta A.K., Mishra P., Qureshi A., Dutta T.K., Joardar S.N., Mandal M.	2732289	Applied Biochemistry and Biotechnology	195	5	0	0	6	2	8	0	8
2023	Effects of Aminosilane Modified Porous Punica Granatum Biochar on Mechanical and High Speed Machining of Aloevera Loomed Mat Epoxy Composite	Sureshkumar M.S., Jayabalakrishnan D., Jayaseelan V., Patil P.P.	1876990X	Silicon	15	7	0	0	0	0	0	0	0
2023	An ultra-area-efficient ALU design in QCA technology using synchronized clock zone scheme	Patidar M., Singh U., Shukla S.K., Prajapati G.K., Gupta N.	9208542	Journal of Supercomputing	79	8	0	0	5	0	5	0	5
2023	Potential Sensing Application of Oxygen Gas with Charge Plasma Based Negative Capacitance Tunnel FET	Mishra V., Agarwal L., Tiwari C., Gupta S.K.	1876990X	Silicon	15	7	0	0	0	0	0	0	0
2023	Sustainable algal biorefineries: capitalizing on many benefits of GABA	Arora N., Nanda M., Kumar V.	1677799	Trends in Biotechnology	41	5	0	0	3	1	4	0	4
2023	A Transformer Based Encodings for Detection of Semantically Equivalent Questions in cQA	Kumar S., Chauhan A.	104620	Computer Journal	66	5	0	0	1	0	1	0	1
2023	Effect of high γ-irradiation dosage on physico-chemical, functional and emulsion properties of almond gum powder	Kumar V., Gupta A.K., Naik B., Makroo H.A.	1418130	International Journal of Biological Macromolecules	235		0	0	3	0	3	0	3
2023	Assessment of Sustainable Development Goals through Industry 4.0 and reconfigurable manufacturing system practices	Pansare R., Yadav G., Garza-Reyes J.A., Raosaheb Nagare M.	1741038X	Journal of Manufacturing Technology Management	34	3	0	0	0	1	1	0	1
2023	A study on the breeding habits of Red-wattled Lapwing Vanellus indicus Boddaert, 1783 (Aves: Charadriformes: Charadridae) in the agricultural landscape of Muzaffarnagar District, Uttar Pradesh, India	Arya A.K., Joshi K.K., Kumar D., Bachheti A.	9747893	Journal of Threatened Taxa	15	4	0	0	0	0	0	0	0
2023	White matter microstructural integrity in recovering alcoholic population	Sugumar D., Dixit C.K., Saavedra-Lopez M.A., Hernandez R.M., Madduri A., Pant B.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	Extraction of FECG signal to detect preterm delivery	Sugumar D., Diwan S.P., Chavan H.P., Khedkar M.H., Bhandare S.S., Patil P.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	SnS2nanosheets as next-generation artificial enzymes for colorimetric bio-sensing of L-cystine towards diabetic management and ease of inflammatory diseases	Mohanasundaram S., Rabbani S.F., Ayyagari M.R., Ansari M.J., Sampath V., Verma D.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	Brain tumor detection using unsupervised local center of mass segmentation: As an CNN based approach	Maiti N., Devi G.M., Loganathan A.S., Deb N., Tripathi V., Torres-Cruz F.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	Study of body composition analysis in the view of obesity prognosis	Dixit C.K., Unnisa A., Torres-Cruz E., Ansari M.J., Nuhmani S., Pant K.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	Prediction of chronic kidney disease from patient record using ensemble ranking SVM	Chandrababu M., Reddy V.V.K., Kolli C.S., Chokkanathan K., Chandol M.K., Gangodkar D.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	Cloud computing based renewable energy demand management system	Johri S., Rajagopal B.R., Ahamad S., Kannadasan B., Dixit C.K., Singh P.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	A review on future prospects on magnetic levitation for disease diagnosis	Torres-Cruz F., Nerkar Charushila K., Chobe Santosh S., Subasree N., Madduri A., Pant B.	0094243X	AIP Conference Proceedings	2603		0	0	0	0	0	0	0
2023	Optimized U-Net convolutional neural network based breast cancer prediction for accuracy increment in big data	Kirola M., Memoria M., Dumka A.	15320626	Concurrency and Computation: Practice and Experience	35	9	0	0	0	0	0	0	0
2023	An overview of severe acute respiratory syndrome Coronavirus-2 (SARS-CoV-2): Pathophysiology, diagnosis, and management tactics	Shah A.A., Saxena K., Dhiman A., Gupta A.		Advances in Health and Disease. Volume 67			0	0	0	0	0	0	0
2023	New Insights into Cu/Cu2O/CuO Nanocomposite Heterojunction Facilitating Photocatalytic Generation of Green Fuel and Detoxification of Organic Pollutants	Kumar S., Bhawna N., Gupta A., Kumar R., Bharti A., Kumar A., Kumar V.	19327447	Journal of Physical Chemistry C	127	15	0	0	5	3	8	0	8
2023	Perspectives on Usage of Functional Nanomaterials in Antimicrobial Therapy for Antibiotic-Resistant Bacterial Infections	Karnwal A., Kumar G., Pant G., Hossain K., Ahmad A., Alshammari M.B.	24701343	ACS Omega	8	15	0	0	12	1	13	0	13
2023	Thermo-hydraulic investigation of open micro prism pin fin heat sink having varying prism sides	Bhandari P., Padalia D., Ranakoti L., Khargotra R., Andras K., Singh T.	11100168	Alexandria Engineering Journal	69		0	0	9	3	12	0	12
2023	Performance prognosis of FRCM-to-concrete bond strength using ANFIS-based fuzzy algorithm	Kumar A., Arora H.C., Kumar K., Garg H.	9574174	Expert Systems with Applications	216		0	0	10	4	14	0	14
2023	A sustainable approach to produce yeast lipid by utilizing marine macroalgae biomass	Nanda M., Jaiswal K.K., Negi J., de Farias Neves F., Ranjitha J., Vlaskin M.S., Grigorenko A.V., Chauhan P.K., Kumar V.	162361	Fuel	338		0	0	1	0	1	0	1
2023	Power Signal Disturbances Analysis based on Transfer Learning in Deep Architecture	Rahul, Gangadharappa M., Kharola A.		Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022			0	0	0	0	0	0	0
2023	Neuro-fuzzy Approach based Prediction of Thermodynamic Properties of Steam	Kharola A., Rahul, Choudhary V., Pokhriyal V.		Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022			0	0	0	0	0	0	0

2023	Ride Behaviour of Three-Wheel Vehicle using Semi-Active Suspension using Skyhook Control Strategy	Sharma R.C., Bhardawaj S., Sharma S.K., Bahl S.	9753060	International Journal of Vehicle Structures and Systems	15	1	0	0	0	0	0	0	0
2023	Analytical Study of 2D Integrated Microcantilever Pressure Sensing of Fluid for Healthcare Application	Saxena A., Kumar M., Singh K.	222755	Journal of Mines, Metals and Fuels	71	4	0	0	0	0	0	0	0
2023	OPTIMUM FEATURE SELECTION BASED BREAST CANCER PREDICTION USING MODIFIED LOGISTIC REGRESSION MODEL	Vetrithangam D., Shruti P., Arunadevi B., Himabindu R., Naresh Kumar P., Ramesh Kumar A.	19928645	Journal of Theoretical and Applied Information Technology	101	8	0	0	2	0	2	0	2
2023	Antimicrobial, Antioxidant and Anti-inflammatory potential of flavonoid and terpenoid from Gymnosporia montana	Sutariya S., Pansuriya V., Sharma M., Bajpai A.B., Gupta A.	9743618	Research Journal of Pharmacy and Technology	16	4	0	0	0	0	0	0	0
2023	Statistical Evaluation of Video Summarization Models from an Empirical Perspective	Kumar A., Pandey S.K., Swarup C., Singh K.U., Singh T., Ojha M.K., Mishra P.K.	7650019	Traitement du Signal	40	2	0	0	0	0	0	0	0
2023	[Ternary hybrid nanofluid (TiO2−SiO2−MoS2/kerosene oil) flow over a rotating disk with quadratic thermal radiation and Cattaneo-Christov model, 三元混合纳米流体(TiO2−SiO2−MoS2/煤油)流过旋转圆盘时的二次热辐射和Cattaneo-Christov模型]	Singh S.P., Kumar M., Yaseen M., Rawat S.K.	20952899	Journal of Central South University	30	4	0	0	2	3	5	0	5
2023	A novel data-driven technique to produce multi-sensor virtual responses for gas sensor array-based electronic noses	Srivastava S., Chaudhri S.N., Rajput N.S., Mishra A.	13353632	Journal of Electrical Engineering	74	2	0	0	3	0	3	0	3
2023	OMNI- CHANNEL RETAILING FOR ENHANCING CUSTOMER ENGAGEMENT AMIDST SUPPLY CHAIN DISRUPTION: AN EMERGING MARKET PERSPECTIVE	Joshi S., Sharma M., Chatterjee P.	25606018	Decision Making: Applications in Management and Engineering	6	1	0	1	1	0	2	0	2
2023	Current aspects of organoid technology for biomaterial toxicity analysis	Tambe S., Kumar R., Amin P., Mishra M., Gupta M., Govarthanan K., Narasimhan A.K., Gupta P.K.	17568919	Future Medicinal Chemistry	15	7	0	0	1	0	1	0	1
2023	Finger Millet (Eleusine coracana) Plant–Endophyte Dynamics: Plant Growth, Nutrient Uptake, and Zinc Biofortification	Chaudhary R., Kumar V., Gupta S., Naik B., Prasad R., Mishra S., Saris P.E.J., Kumar V.	20762607	Microorganisms	11	4	0	0	2	1	3	0	3
2023	Improving Blueberry Fruit Nutritional Quality through Physiological and Genetic Interventions: A Review of Current Research and Future Directions	Krishna P., Pandey G., Thomas R., Parks S.	20763921	Antioxidants	12	4	0	0	4	0	4	0	4
2023	Role of 5 wt.% Mg Alloying in Al on Corrosion Characteristics of Al-Mg Coating Deposited by Plasma Arc Thermal Spray Process	Jeong H.-R., Singh J.K.	19961944	Materials	16	8	0	0	2	0	2	0	2
2023	Sustainable Use of Sewage Sludge for Marigold (Tagetes erecta L.) Cultivation: Experimental and Predictive Modeling Studies on Heavy Metal Accumulation	AL-Huqail A.A., Kumar P., Abou Fayssal S., Adelodun B., Siric I., Goala M., Choi K.S., Taher M.A., El-Kholy A.S., Eid E.M.	23117524	Horticulturae	9	4	0	0	6	1	7	0	7
2023	Sustainable Management of Sewage Sludge Using Dhaincha (Sesbania bispinosa (Jacq.) W.Wight) Cultivation: Studies on Heavy Metal Uptake and Characterization of Fibers	Siric I., AL-Huqail A.A., Kumar P., Goala M., Abou Fayssal S., Adelodun B., Ajibade F.O., Alrumman S.A., Alamri S.A.M., Taher M.A., Singh J., Kumar V., Eid E.M.	20734395	Agronomy	13	4	0	0	3	1	4	0	4
2023	Multimodality Medical Image Fusion Using Clustered Dictionary Learning in Non-Subsampled Shearlet Transform	Diwakar M., Singh P., Singh R., Sisodia D., Singh V., Maurya A., Kadry S., Sevcik L.	20754418	Diagnostics	13	8	0	0	2	1	3	0	3
2023	Multi-Document News Web Page Summarization Using Content Extraction and Lexical Chain Based Key Phrase Extraction	Arya C., Diwakar M., Singh P., Singh V., Kadry S., Kim J.	22277390	Mathematics	11	8	0	0	1	0	1	0	1
2023	Most complicated lock pattern-based seismological signal framework for automated earthquake detection	Gokhan Ozkaya S., Baygin N., Barua P.D., Singh A.R., Bajaj M., Baygin M., Dogan S., Tuncer T., Tan R.-S., Rajendra Acharya U.	15698432	International Journal of Applied Earth Observation and Geoinformation	118		0	0	1	0	1	0	1
2023	Improved local descriptor (ILD): a novel fusion method in face recognition	Karanwal S.	25112104	International Journal of Information Technology (Singapore)	15	4	0	0	1	0	1	0	1
2023	Machine Translation Systems Based on Classical-Statistical-Deep-Learning Approaches	Sharma S., Diwakar M., Singh P., Singh V., Kadry S., Kim J.	20799292	Electronics (Switzerland)	12	7	0	0	0	0	0	0	0
2023	Fuzzy-Based Fifteen-Level VSC for STATCOM Operations with Single DC-Link Voltage	Gadupudi L., Rao G.S., Narayana Divakar R.V.L., Malik H., Alsaif F., Alsulamy S., Ustun T.S.	20711050	Sustainability (Switzerland)	15	7	0	0	1	0	1	0	1
2023	Recent advances and challenges in the utilization of nanomaterials in transesterification for biodiesel production	Pandit C., Banerjee S., Pandit S., Lahiri D., Kumar V., Chaubey K.K., Al-Balushi R., Al-Bahry S., Joshi S.J.	24058440	Heliyon	9	4	0	0	3	0	3	0	3
2023	Revisiting the nutraceutical profile, chemical composition, and health benefits of jaggery: Updates from recent decade	Sharifi-Rad J., Painuli S., Sener B., Kilic M., Kumar N.V.A., Semwal P., Docea A.O., Suleria H.A.R., Calina D.	26663066	eFood	4	2	0	0	2	0	2	0	2
2023	Large group decision-making based on interval rough integrated cloud model	Jiang J., Liu X., Garg H., Zhang S.	14740346	Advanced Engineering Informatics	56		0	0	1	0	1	0	1
2023	Experimental study on a bending type soft pneumatic actuator for minimizing the ballooning using chamber-reinforcement	Gariya N., Kumar P., Singh T.	24058440	Heliyon	9	4	0	0	0	0	0	0	0
2023	Modeling of a two-axle rail vehicle for state estimation	Sharma R.C., Bhardawaj S., Gopala Rao L.V.V., Bahl S.	9574565	Noise and Vibration Worldwide	54	4-5	0	0	1	0	1	0	1
2023	Fuzzy-EPO Optimization Technique for Optimised Resource Allocation and Minimum Energy Consumption with the Brownout Algorithm	Samriya J.K., Tiwari R., Obaidat M.S., Bathla G.	9296212	Wireless Personal Communications	129	4	0	0	0	0	0	0	0

2023	Inspection of unsteady buoyancy and stagnation point flow incorporated by Ag-TiO2 hybrid nanoparticles towards a spinning disk with Hall effects	Yaseen M., Rawat S.K., Khan U., Negi A.S., Kumar M., Sherif E.-S.M., Hassan A.M., Pop I.	2214157X	Case Studies in Thermal Engineering	44		0	0	6	2	8	0	8
2023	Sneak-peek into the chlorophyll content, antioxidant activity, targeted and non-targeted UHPLC-QTOF LC/MS metabolomic fingerprints of pulse microgreens grown under different photoperiod regimes	Kumar A., Singh N., Kaur A., Joshi R.	22124292	Food Bioscience	52		0	0	5	2	7	0	7
2023	Microbial meat: A sustainable vegan protein source produced from agri-waste to feed the world	Cardoso Alves S., Diaz-Ruiz E., Lisboa B., Sharma M., Mussatto S.I., Thakur V.K., Kalaskar D.M., Gupta V.K., Chandel A.K.	9639969	Food Research International	166		0	0	4	0	4	0	4
2023	A Chaotic System and Count Tracking Mechanism-based Dynamic S-Box and Secret Key Generation	Pal S., Selvanambi R., Malik P., Karuppiah M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	8	2	0	0	0	0	0	0	0
2023	Mechanical, DMA, and fatigue behavior of Vitis vinifera stalk cellulose Bambusa vulgaris fiber epoxy composites	Kaliappan S., Velumayil R., Natrayan L., Pravin P.	2728397	Polymer Composites	44	4	0	0	14	3	17	0	17
2023	Energy forecasting of the building-integrated photovoltaic façade using hybrid LSTM	Sarkar S., Karthick A., Kumar Chinnaiyan V., Patil P.P.	9441344	Environmental Science and Pollution Research	30	16	0	0	1	0	1	0	1
2023	Grey wolf optimizer and hybrid PSO-GWO for reliability optimization and redundancy allocation problem	Bhandari A.S., Kumar A., Ram M.	7488017	Quality and Reliability Engineering International	39	3	0	0	6	1	7	0	7
2023	Converting biowaste streams into energy–leveraging microwave assisted valorization technologies for enhanced conversion	Usmani Z., Sharma M., Tripathi M., Nizami A.S., Gong L., Nguyen Q.D., Reddy M.S., Thakur V.K., Gupta V.K.	17439671	Journal of the Energy Institute	107		0	0	4	0	4	0	4
2023	An efficient reversible data hiding using SVD over a novel weighted iterative anisotropic total variation based denoised medical images	Diwakar M., Kumar P., Singh P., Tripathi A., Singh L.	17468094	Biomedical Signal Processing and Control	82		0	0	3	0	3	0	3
2023	Security Framework for Internet-of-Things-Based Software-Defined Networks Using Blockchain	Rani S., Babbar H., Srivastava G., Gadekallu T.R., Dhiman G.	23274662	IEEE Internet of Things Journal	10	7	0	0	23	4	27	0	27
2023	25 Years of Particle Swarm Optimization: Flourishing Voyage of Two Decades	Nayak J., Swapnarekha H., Naik B., Dhiman G., Vimal S.	11343060	Archives of Computational Methods in Engineering	30	3	0	0	20	3	23	0	23
2023	A comparison of conventional and novel phytonutrient extraction techniques from various sources and their potential applications	Khongthaw B., Chauhan P.K., Dulta K., Kumar V., Ighalo J.O.	21934126	Journal of Food Measurement and Characterization	17	2	0	0	2	0	2	0	2
2023	A two-tier hybrid ensemble learning pipeline for intrusion detection systems in IoT networks	Srivastav D., Srivastava P.	18685137	Journal of Ambient Intelligence and Humanized Computing	14	4	0	0	1	1	2	0	2
2023	Effect of nanoparticles as additives to the biofuels and their feasibility assessment on the engine performance and emission analysis—A review	Singh Y., Pali H.S., Singh N.K., Sharma A., Singla A.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	237	2	0	0	3	2	5	0	5
2023	Designing Performance Metrics and Rubrics to Assess Student Outcome Attainment in Engineering Project Design Course	Mahajan R., Bansal D.	220574	Journal of Education	203	2	0	0	0	0	0	0	0
2023	Entrepreneurial Aptitude of Women of an Aspirational District of Uttarakhand	Dutta A., Singh P., Dobhal A., Mannan D., Singh J., Goswami P.	5371996	Indian Journal of Extension Education	59	2	0	0	0	0	0	0	0
2023	Automatic facial expression recognition combining texture and shape features from prominent facial regions	Kumar H N N., Kumar A.S., Prasad M S G., Shah M.A.	17519659	IET Image Processing	17	4	0	0	13	0	13	0	13
2023	Artificial intelligent based wild fire fighting machine using internet of things	Patil A.K., Rajini A.R., Gudivada V.K., Vishwanath N.V., Kayalvili S., Tripathi V.	0094243X	AIP Conference Proceedings	2690		0	0	0	0	0	0	0
2023	Automation of camel race by controlling DC motor speed using Blynk application through IoT	Chandramma, Prakash P., Nandankar P., Roopa H., Kathir I., Singh P.	0094243X	AIP Conference Proceedings	2690		0	0	1	0	1	0	1
2023	Preface	Kharola S., Ram M., Mangla S.K., Kazancoglu Y.		Advances in Soft Computing Applications			0	0	0	0	0	0	0
2023	Application of multi-criteria decision-making in sustainable resource planning	Kharola S., Chachra A., Ram M., Kumar A., Goyal N.		Advances in Soft Computing Applications			0	0	0	0	0	0	0
2023	Prioritizing the barriers of manufacturing during COVID-19 using fuzzy AHP	Avikal S., Pant R., Kumar K.C.N., Kumar V., Ram M.		Advances in Soft Computing Applications			0	0	1	0	1	0	1
2023	Advances in soft computing applications	Kharola S., Ram M., Mangla S.K., Kazancoglu Y.		Advances in Soft Computing Applications			0	0	0	0	0	0	0
2023	Fuzzy logic based decision systems in the healthcare sector	Mittal V., Malik P., Purohit K.C., Ram M.		Advances in Soft Computing Applications			0	0	1	0	1	0	1
2023	Enhancement of biohydrogen production by the application of microbial nanotechnology	Datta T., Ahmed A., Jha S.K., Srivastava R., Singh P., Naik B.		Bionanotechnology Towards Green Energy: Innovative and Sustainable Approach			0	0	0	0	0	0	0
2023	In Vivo Toxicological Analysis of MnFe2O4@poly(tBGE-alt-PA) Composite as a Hybrid Nanomaterial for Possible Biomedical Use	Kumar R., Bauri S., Sahu S., Chauhan S., Dholpuria S., Ruokolainen J., Kesari K.K., Mishra M., Gupta P.K.	25766422	ACS Applied Bio Materials	6	3	0	0	3	0	3	0	3
2023	Nanophotonic Ring Resonator Based on Slotted Hybrid Plasmonic Waveguide for Biochemical Sensing	Kumar S., Kumar A., Mishra R.D., Babu P., Pandey S.K., Pal M.K., Kumar M.	1530437X	IEEE Sensors Journal	23	6	0	0	2	1	3	0	3
2023	Hybrid integrated decision-making algorithm for clustering analysis based on a bipolar complex fuzzy and soft sets	Gwak J., Garg H., Jan N.	11100168	Alexandria Engineering Journal	67		0	0	6	1	7	0	7
2023	Schweizer-Sklar prioritized aggregation operators for intuitionistic fuzzy information and their application in multi-attribute decision-making	Garg H., Ali Z., Mahmood T., Ali M.R., Alburaikan A.	11100168	Alexandria Engineering Journal	67		0	0	7	1	8	0	8
2023	Overcoming barriers to circular economy implementation in the oil & gas industry: Environmental and social implications	Sharma M., Joshi S., Prasad M., Bartwal S.	9596526	Journal of Cleaner Production	391		0	0	6	2	8	0	8
2023	AIoT and deep neural network-based accelerators for healthcare and biomedical applications	Jothimani K., Bhagya Jyothi K.L.		Energy Systems Design for Low-Power Computing			0	0	0	0	0	0	0
2023	Whither the need and motivation for open government data (OGD) promotional strategies?	Alexopoulos C., Saxena S., Janssen M., Rizun N.	23985038	Digital Policy, Regulation and Governance	25	2	0	0	1	1	2	0	2

2023	Assessing Supply Chain Innovations for Building Resilient Food Supply Chains: An Emerging Economy Perspective	Joshi S., Sharma M., Ekren B.Y., Kazancoglu Y., Luthra S., Prasad M.	20711050	Sustainability (Switzerland)	15	6	0	0	4	0	4	0	4
2023	Monkeypox and extracellular vesicles interlink: an unexplored chapter	Mandal D., Bhattacharya B., Dhar R., Nag S., Devi A., Singh P., Jha S.K.	17439159	International journal of surgery (London, England)	109	3	0	0	1	1	2	0	2
2023	Enhancing Interval-Valued Pythagorean Fuzzy Decision-Making through Dombi-Based Aggregation Operators	Alhamzi G., Javaid S., Shuaib U., Razaq A., Garg H., Razzaque A.	20738994	Symmetry	15	3	0	0	10	0	10	0	10
2023	Investigating the Performance of Lithium-Doped Bismuth Ferrite [BiFe1−xLixO3]-Graphene Nanocomposites as Cathode Catalyst for the Improved Power Output in Microbial Fuel Cells	Pema T., Kumar A., Tripathi B., Pandit S., Chauhan S., Singh S., Dikshit P.K., Mathuriya A.S., Gupta P.K., Lahiri D., Singh R.C., Anand J., Chaubey K.K.	20734344	Catalysts	13	3	0	0	2	1	3	0	3
2023	Fuzzy-Based Efficient Control of DC Microgrid Configuration for PV-Energized EV Charging Station	Abraham D.S., Chandrasekar B., Rajamanickam N., Vishnuram P., Ramakrishnan V., Bajaj M., Piecha M., Blazek V., Prokop L.	19961073	Energies	16	6	0	0	15	0	15	0	15
2023	A Detailed Study of Mathematical Rings in q-Rung Orthopair Fuzzy Framework	Razzaque A., Razaq A., Alhamzi G., Garg H., Faraz M.I.	20738994	Symmetry	15	3	0	0	1	0	1	0	1
2023	Medicinal Plants as Therapeutic Alternatives to Combat Mycobacterium tuberculosis: A Comprehensive Review	Gautam S., Qureshi K.A., Jameel Pasha S.B., Dhanasekaran S., Aspatwar A., Parkkila S., Alanazi S., Atiya A., Khan M.M.U., Venugopal D.	20796382	Antibiotics	12	3	0	0	2	1	3	0	3
2023	Sustainable Use of CO2 and Wastewater from Mushroom Farm for Chlorella vulgaris Cultivation: Experimental and Kinetic Studies on Algal Growth and Pollutant Removal	Siric I., Abou Fayssal S., Adelodun B., Mioc B., Andabaka Z., Bachheti A., Goala M., Kumar P., AL-Huqail A.A., Taher M.A., Eid E.M.	23117524	Horticulturae	9	3	0	0	3	2	5	0	5
2023	A Perspective Review on Green Nanotechnology in Agro-Ecosystems: Opportunities for Sustainable Agricultural Practices & Environmental Remediation	Bhandari G., Dhasmana A., Chaudhary P., Gupta S., Gangola S., Gupta A., Rustagi S., Shende S.S., Rajput V.D., Minkina T., Malik S., Slama P.	20770472	Agriculture (Switzerland)	13	3	0	0	6	1	7	0	7
2023	A Robust Fractional-Order Control Scheme for PV-Penetrated Grid-Connected Microgrid	Pachauri N., Thangavel V., Suresh V., Kantipudi M.P., Kotb H., Tripathi R.N., Bajaj M.	22277390	Mathematics	11	6	0	0	6	0	6	0	6
2023	A Novel Cipher-Based Data Encryption with Galois Field Theory	Hazzazi M.M., Attuluri S., Bassfar Z., Joshi K.	14248220	Sensors	23	6	0	0	2	0	2	0	2
2023	Targeted HPTLC Profile, Quantification of Flavonoids and Phenolic Acids, and Antimicrobial Activity of Dodonaea angustifolia (L.f.) Leaves and Flowers	Tessema F.B., Gonfa Y.H., Asfaw T.B., Tadesse M.G., Tadesse T.G., Bachheti A., Alshaharni M.O., Kumar P., Kumar V., Siric I., Abou Fayssal S., Chaubey K.K., Bachheti R.K.	14203049	Molecules	28	6	0	0	5	0	5	0	5
2023	Why Do Customers Want to Buy COVID-19 Medicines? Evidence from Thai Citizens	Kim L., Pongsakornrungsilp S., Pongsakornrungsilp P., Jindabot T., Kumar V.	16617827	International Journal of Environmental Research and Public Health	20	6	0	0	3	0	3	0	3
2023	A Class of Enhanced Nonparametric Control Schemes Based on Order Statistics and Runs	Panayiotou N.I., Triantafyllou I.S.	2571905X	Stats	6	1	0	0	0	0	0	0	0
2023	Consecutive-k1 and k2-out-of-n: F Structures with a Single Change Point	Triantafyllou I.S., Chalikias M.	2571905X	Stats	6	1	0	0	0	0	0	0	0
2023	Key Determinants of Job Satisfaction among University Lecturers	Kim L., Pongsakornrungsilp P., Pongsakornrungsilp S., Horam N., Kumar V.	20760760	Social Sciences	12	3	0	0	4	1	5	0	5
2023	Structural, thermal, and luminescence kinetics of Sr4Nb2O9 phosphor doped with Dy3+ ions for cool w-LED applications	Lohan R., Kumar A., Sahu M.K., Mor A., Kumar V., Deopa N., Rao A.S.	9574522	Journal of Materials Science: Materials in Electronics	34	8	0	0	5	1	6	0	6
2023	Difficulties and redressal in joining of aluminium alloys by GMA and GTA welding: a review	Verma R.P., Pandey K.N., Andras K., Khargotra R., Singh T.	22387854	Journal of Materials Research and Technology	23		0	0	6	5	11	0	11
2023	Survey on the Biomedical Text Summarization Techniques with an Emphasis on Databases, Techniques, Semantic Approaches, Classification Techniques, and Similarity Measures	Pawar D., Phansalkar S., Sharma A., Sahu G.K., Ang C.K., Lim W.H.	20711050	Sustainability (Switzerland)	15	5	0	0	0	0	0	0	0
2023	Real-Time Advanced Computational Intelligence for Deep Fake Video Detection	Bansal N., Aljrees T., Yadav D.P., Singh K.U., Kumar A., Verma G.K., Singh T.	20763417	Applied Sciences (Switzerland)	13	5	0	0	5	1	6	0	6
2023	Isolation, Characterization of B. subtilis from Song River Shore and their Application to Wastewater Treatment	Pant R., Kaur H., Tiwari K., Singh A., Srivastava S., Patrick N., Gupta A.	9737510	Journal of Pure and Applied Microbiology	17	1	0	0	0	0	0	0	0
2023	Ternary Hybrid Nanofluid Flow Containing Gyrotactic Microorganisms over Three Different Geometries with Cattaneo–Christov Model	Yaseen M., Rawat S.K., Shah N.A., Kumar M., Eldin S.M.	22277390	Mathematics	11	5	0	0	25	7	32	0	32
2023	Efficacy of Landslide Susceptibility Maps Prepared Using Different Bivariate Methods: Case Study from Mussoorie Township, Garhwal Himalaya	Gupta V., Ram P., Tandon R.S., Vishwakarma N.	167622	Journal of the Geological Society of India	99	3	0	0	0	0	0	0	0
2023	Non-Dominated Sorting-Based Hybrid Optimization Technique for Multi-Objective Hydrothermal Scheduling	Nadakuditi G., Pulluri H., Dahiya P., Murthy K.S.R., Varma P.S., Bajaj M., Altameem T., El-Shafai W., Fouda M.M.	19961073	Energies	16	5	0	0	0	0	0	0	0
2023	Significance of Harmonic Filters by Computation of Short-Time Fourier Transform-Based Time–Frequency Representation of Supply Voltage	Priyadarshini M.S., Krishna D., Kumar K.V., Amaresh K., Goud B.S., Bajaj M., Altameem T., El-Shafai W., Fouda M.M.	19961073	Energies	16	5	0	0	4	0	4	0	4

2023	A Comprehensive Review of the Bidirectional Converter Topologies for the Vehicle-to-Grid System	Panchanathan S., Vishnuram P., Rajamanickam N., Bajaj M., Blazek V., Prokop L., Misak S.	19961073	Energies	16	5	0	0	8	0	8	0	8
2023	A Non-Conventional Review on Multi-Modality-Based Medical Image Fusion	Diwakar M., Singh P., Ravi V., Maurya A.	20754418	Diagnostics	13	5	0	0	4	1	5	0	5
2023	Appraising Early Reliability of a Software Component Using Fuzzy Inference	Goswami P., Noorwali A., Kumar A., Khan M.Z., Srivastava P., Batra S.	20799292	Electronics (Switzerland)	12	5	0	0	3	0	3	0	3
2023	SINN-RD: Spline interpolation-envisioned neural network-based ransomware detection scheme	Singh J., Sharma K., Wazid M., Das A.K.	457906	Computers and Electrical Engineering	106		0	0	7	2	9	0	9
2023	Manihot esculenta tuber microcrystalline cellulose and woven bamboo fiber-reinforced unsaturated polyester composites: mechanical, hydrophobic and wear behavior	Gugulothu B., Nagabhooshanam N., Arun M., Vinayaka N., Patil P.P., Murthy K.V.S.R.	20531591	Materials Research Express	10	3	0	0	2	0	2	0	2
2023	Carboxymethyl Cellulose (CMC) based Green Synthesis of Metal and Metal Oxide Nanoparticles and its Applications	Ahmad W., Singh A., Manral M., Pandey S., Rashid M.	9707077	Asian Journal of Chemistry	35	3	0	0	0	0	0	0	0
2023	Phytoremediation: Low input-based ecological approach for sustainable environment	Singh H., Pant G.	21905487	Applied Water Science	13	3	0	0	6	0	6	0	6
2023	Technological and tribological characteristics improvement of additively manufactured SS 316L components machined under sustainable cooling conditions	Danish M., Rubaiee S., Gupta M.K., Yildirim M.B., Ahmed A.	0301679X	Tribology International	181		0	0	3	1	4	0	4
2023	Imprint of Diurnal and Semidiurnal Cyclicity in Radon Time Series of MPGO, Ghuttu Garhwal Himalaya: Evidence Based on Singular Spectrum Analysis	Yadav A., Kumar N., Verma S.K., Shukla V., Chauhan V.	334553	Pure and Applied Geophysics	180	3	0	0	0	0	0	0	0
2023	Early Detection of Malignant Tumor in Lungs Using Feed-Forward Neural Network and K-Nearest Neighbor Classifier	Avinash S., Naveen Kumar H.N., Guru Prasad M.S., Mohan Naik R., Parveen G.	2662995X	SN Computer Science	4	2	0	0	13	0	13	0	13
2023	Glaucoma Detection Using Clustering and Segmentation of the Optic Disc Region from Retinal Fundus Images	Guru Prasad M.S., Naveen Kumar H.N., Raju K., Santhosh Kumar D.K., Chandrappa S.	2662995X	SN Computer Science	4	2	0	0	15	0	15	0	15
2023	A reduction in temperature induces bioactive red pigment production in a psychrotolerant Penicillium sp. GEU_37 isolated from Himalayan soil	Pandey N., Jain R., Dhakar K., Sharma A., Pandey A.	18786146	Fungal Biology	127	3	0	0	3	0	3	0	3
2023	Impact of pink rock salt and Lactobacillus spp. on physico-chemical, microbiological properties, phenolic profile and sugar level of apple peel	Kumar A., Singh N., Kaur A., Kaler R.S.S., Kaur S.	9505423	International Journal of Food Science and Technology	58	3	0	0	2	2	4	0	4
2023	Review on nontraditional perspectives of synthetic aperture radar image despeckling	Singh P., Shankar A., Diwakar M.	10179909	Journal of Electronic Imaging	32	2	0	0	4	0	4	0	4
2023	An IOT-Based Automotive and Intelligent Toll Gate Using RFID	Chandrappa S., Guruprasad M.S., Kumar H.N.N., Raju K., Kumar D.K.S.	2662995X	SN Computer Science	4	2	0	0	13	0	13	0	13
2023	Mapping of nutraceutical and sensorial properties of stuffed red chilli pickle: Effect of storage on quality	Gupta A.K., Kumar V., Naik B., Rizwana S., Ranjan R.	26661543	Journal of Agriculture and Food Research	11		0	0	3	0	3	0	3
2023	Optimization of fuzzy inventory lot-size with scrap and defective items under inspection policy	Garg H., Sugapriya C., Kuppulakshmi V., Nagarajan D.	14327643	Soft Computing	27	5	0	0	8	0	8	0	8
2023	Multi-objective planning of electric vehicles charging in distribution system considering priority-based vehicle-to-grid scheduling	Singh P.P., Das S., Wen F., Palu I., Singh A.K., Thakur P.	22106502	Swarm and Evolutionary Computation	77		0	0	6	0	6	0	6
2023	Design and development of laboratory scale batch type device for debittering of bitter citrus juice	Gupta A.K., Rather M.A., Mishra P.	1458876	Journal of Food Process Engineering	46	3	0	0	1	0	1	0	1
2023	On spherical fuzzy distance measure and TAOV method for decision-making problems with incomplete weight information	Ali J., Garg H.	9521976	Engineering Applications of Artificial Intelligence	119		0	0	12	2	14	0	14
2023	Optimizing uploading and downloading pace distribution in system with two non-identical storage units	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	231		0	0	1	0	1	0	1
2023	Additive manufacturing: Advanced materials and design techniques	Pandey P.M., Singh N.K., Singh Y.		Additive Manufacturing: Advanced Materials and Design Techniques			0	0	1	0	1	0	1
2023	Corrosion prevention of steel rebar embedded in the cement mortar under accelerated conditions: Combined effects of phosphate and chloride ions	Thanh Tran D., Lee H.-S., Kumar Singh J., Lee D.-E.	9500618	Construction and Building Materials	365		0	0	1	0	1	0	1
2023	TOPSIS-method based on generalized dice similarity measures with hamy mean operators and its application to decision-making process	Garg H., Ali Z., Mahmood T., Ali M.R.	11100168	Alexandria Engineering Journal	65		0	0	5	1	6	0	6
2023	CROPCARE: An Intelligent Real-Time Sustainable IoT System for Crop Disease Detection Using Mobile Vision	Garg G., Gupta S., Mishra P., Vidyarthi A., Singh A., Ali A.	23274662	IEEE Internet of Things Journal	10	4	0	0	9	1	10	0	10
2023	A comprehensive review on EV power converter topologies charger types infrastructure and communication techniques	Vishnuram P., R N., P S., K V., Bajaj M., Khurshaid T., Nauman A., Kamel S.	2296598X	Frontiers in Energy Research	11		0	0	6	0	6	0	6
2023	Fostering nanoscience's strategies: A new frontier in sustainable crop improvement for abiotic stress tolerance	Mohapatra B., Chamoli S., Salvi P., Saxena S.C.	27731111	Plant Nano Biology	3		0	0	2	1	3	0	3
2023	Indian Energy Scenario: A Critical Review	Govindarajan H.K., Ganesh L.S., Sharma N., Agarwal R.	2537141	Indian Journal of Environmental Protection	43	2	0	0	0	0	0	0	0
2023	Holistic Framework to Data-Driven Sustainability Assessment	Pecas P., John L., Ribeiro I., Baptista A.J., Pinto S.M., Dias R., Henriques J., Estrela M., Pilastri A., Cunha F.	20711050	Sustainability (Switzerland)	15	4	0	0	1	0	1	0	1
2023	Sustainable Use of Extracts of Some Plants Growing in Ethiopia for the Formulation of Herbal Shampoo and Its Antimicrobial Evaluation	Godeto Y.G., Bachheti R.K., Bachheti A., Saini S., Wabaidur S.M., Mohammed A.A.A., Siric I., Kumar P., Abou Fayssal S., Rai N.	20711050	Sustainability (Switzerland)	15	4	0	0	5	0	5	0	5

2023	Confidence Levels-Based Cubic Fermatean Fuzzy Aggregation Operators and Their Application to MCDM Problems	Garg H., Rahim M., Amin F., Jafari S., M. Hezam I.	20738994	Symmetry	15	2	0	0	3	2	5	0	5
2023	The Impact of Top Management Team Characteristics on the Risk Taking of Chinese Private Construction Enterprises	Zhang Y., Cao C., Gu J., Garg H.	20798954	Systems	11	2	0	0	2	0	2	0	2
2023	Secure Data Transmission of Electronic Health Records Using Blockchain Technology	Sonkamble R.G., Bongale A.M., Phansalkar S., Sharma A., Rajput S.	20799292	Electronics (Switzerland)	12	4	0	0	3	1	4	0	4
2023	Aluminum Scrap to Hydrogen: Complex Effects of Oxidation Medium, Ball Milling Parameters, and Copper Additive Dispersity	Buryakovskaya O.A., Suleimanov M.Z., Vlaskin M.S., Kumar V., Ambaryan G.N.	20754701	Metals	13	2	0	0	5	0	5	0	5
2023	Effects of Surface Treatment Conditions on the Bonding Strength and Electromagnetic Pulse Shielding of Concrete Using the 85Zn-15Al Arc Thermal Metal Spraying Method	Jang J., Wi K., Lee H.-S., Singh J.K., Lee H.-H.	19961944	Materials	16	4	0	0	3	1	4	0	4
2023	Operational Issues of Contemporary Distribution Systems: A Review on Recent and Emerging Concerns	Loji K., Sharma S., Loji N., Sharma G., Bokoro P.N.	19961073	Energies	16	4	0	0	0	0	0	0	0
2023	Agricultural Residues as Raw Materials for Pulp and Paper Production: Overview and Applications on Membrane Fabrication	Worku L.A., Bachheti A., Bachheti R.K., Rodrigues Reis C.E., Chandel A.K.	20770375	Membranes	13	2	0	0	11	0	11	0	11
2023	Progress in Fluorescence Biosensing and Food Safety towards Point-of-Detection (PoD) System	Kakkar S., Gupta P., Kumar N., Kant K.	20796374	Biosensors	13	2	0	0	4	0	4	0	4
2023	RUemo—The Classification Framework for Russia-Ukraine War-Related Societal Emotions on Twitter through Machine Learning	Vyas P., Vyas G., Dhiman G.	19994893	Algorithms	16	2	0	0	11	1	12	0	12
2023	Evaluation of Antidiabetic, Antioxidant and Anti-Hyperlipidemic Effects of Solanum indicum Fruit Extract in Streptozotocin-Induced Diabetic Rats	Gadewar M.M., G K P., Mishra P.C., Ashraf G.M., Almashjary M.N., Harakeh S., Upadhye V., Dey A., Singh P., Jha N.K., Jha S.K.	14673037	Current Issues in Molecular Biology	45	2	0	0	2	0	2	0	2
2023	Purification and characterization of laccase from Ganoderma lucidum and its application in decolorization of malachite green dye	Himanshu, Chamoli S., Singh A., Kapoor R.K., Singh S., Singh R.K., Saini J.K.	2589014X	Bioresource Technology Reports	21		0	0	4	1	5	0	5
2023	A Novel Three-Phase Switched-Capacitor Five-Level Multilevel Inverter with Reduced Components and Self-Balancing Ability	Jena K., Kumar D., Janardhan K., Kumar B.H., Singh A.R., Nikolovski S., Bajaj M.	20763417	Applied Sciences (Switzerland)	13	3	0	0	24	0	24	0	24
2023	Transesterification of Algae Oil and Little Amount of Waste Cooking Oil Blend at Low Temperature in the Presence of NaOH	Jain S., Kumar N., Singh V.P., Mishra S., Sharma N.K., Bajaj M., Khan T.M.Y.	19961073	Energies	16	3	0	0	1	1	2	0	2
2023	Biodiversity, Biochemical Profiling, and Pharmaco-Commercial Applications of Withania somnifera: A Review	Gaurav H., Yadav D., Maurya A., Yadav H., Yadav R., Shukla A.C., Sharma M., Gupta V.K., Palazon J.	14203049	Molecules	28	3	0	0	7	1	8	0	8
2023	Flavonoids and Phenolic Acids from Aerial Part of Ajuga integrifolia (Buch.-Ham. Ex D. Don): Anti-Shigellosis Activity and In Silico Molecular Docking Studies	Tessema F.B., Gonfa Y.H., Asfaw T.B., Tadesse T.G., Tadesse M.G., Bachheti A., Pandey D.P., Wabaidur S.M., Dahlous K.A., Siric I., Kumar P., Kumar V., Abou Fayssal S., Bachheti R.K.	14203049	Molecules	28	3	0	0	2	0	2	0	2
2023	Genomics, Proteomics, and Metabolomics Approaches to Improve Abiotic Stress Tolerance in Tomato Plant	Naik B., Kumar V., Rizwanuddin S., Chauhan M., Choudhary M., Gupta A.K., Kumar P., Kumar V., Saris P.E.J., Rather M.A., Bhuyan S., Neog P.R., Mishra S., Rustagi S.	16616596	International Journal of Molecular Sciences	24	3	0	0	6	1	7	0	7
2023	Blockchain in Supply Chain Management: A Synthesis of Barriers and Enablers for Managers	Kafeel H., Kumar V., Duong L.	24557749	International Journal of Mathematical, Engineering and Management Sciences	8	1	0	0	3	0	3	0	3
2023	V2X-Based Highly Reliable Warning System for Emergency Vehicles	Arikumar K.S., Prathiba S.B., Basheer S., Moorthy R.S., Dumka A., Rashid M.	20763417	Applied Sciences (Switzerland)	13	3	0	0	2	0	2	0	2
2023	Modeling of biomechanical human body model for seat to head transmissibility analysis	Bhardawaj S., Sharma R.C., Sharma S.K., Gopala Rao L.V.V., Vashist A.	9574565	Noise and Vibration Worldwide	54	2-3	0	0	0	0	0	0	0
2023	Impact of heat and mass transport on Rayleigh–Taylor instability of Walter's B viscoelastic fluid layer	Shukla A.K., Awasthi M.K., singh S.	9380108	Microgravity Science and Technology	35	1	0	0	1	0	1	0	1
2023	Polyamine metabolizing rhizobacteria Pseudomonas sp. GBPI_506 modulates hormone signaling to enhance lateral roots and nicotine biosynthesis in Nicotiana benthamiana	Jain R., Bhardwaj P., Guleria S., Pandey A., Kumar S.	9819428	Plant Physiology and Biochemistry	195		0	0	0	1	1	0	1
2023	Digital twin and IOT technology for secure manufacturing systems	Gopal L., Singh H., Mounica P., Mohankumar N., Challa N.P., Jayaraman P.	26659174	Measurement: Sensors	25		0	0	9	2	11	0	11
2023	Mathematical modelling and simulation of three phase lag bio-heat transfer model during cancer treatment	Kumar M., kaur H., Upadhyay S., Singh S., Rai K.N.	12900729	International Journal of Thermal Sciences	184		0	0	0	1	1	0	1
2023	Secured supply chain management system for fisheries through IoT	Kishore Kumar A., Aeri M., Grover A., Agarwal J., Kumar P., Raghu T.	26659174	Measurement: Sensors	25		0	0	1	0	1	0	1
2023	Faulty diagnostics model in e-commerce using AI	Sahoo A.K., Gulavani S., Manwal M., Medidha R., Bhaskar T., M M.	26659174	Measurement: Sensors	25		0	0	1	0	1	0	1
2023	System Reliability Analysis for a Stochastic Liner Container Shipping Service with Stochastic Terminals	Nguyen T.-P., Liao Y.-T., Lin Y.-K., Chang P.-C.	2185393	International Journal of Reliability, Quality and Safety Engineering	30	1	0	0	0	0	0	0	0
2023	Artificial Intelligence in Pharmacovigilance and COVID-19	Bhardwaj K., Alam R., Pandeya A., Sharma P.K.	15748863	Current Drug Safety	18	1	0	0	0	0	0	0	0
2023	Experimental verification of a dynamic programming and IoT-based simultaneous load-sharing controller for residential homes powered with grid and onsite solar photovoltaic electricity	Mia S., Kumer Podder A., Manoj Kumar N., Bhatt A., Kumar K.	22131388	Sustainable Energy Technologies and Assessments	55		0	0	4	0	4	0	4

2023	Improved block chain system for high secured IoT integrated supply chain	N J., Rampur V., Gangodkar D., M A., C B., N A.K.	26659174	Measurement: Sensors	25		0	0	13	2	15	0	15
2023	Fabrication of nano-biocomposite for the removal of Eriochrome Black T and malachite green from aqueous solution: isotherm and kinetic studies	Kotnala S., Bhushan B., Nayak A.	9441344	Environmental Science and Pollution Research	30	10	0	0	5	0	5	0	5
2023	Co-optimizing component allocation and activation sequence in heterogeneous 1-out-of-n standby system exposed to shocks	Levitin G., Xing L., Dai Y.	9518320	Reliability Engineering and System Safety	230		0	0	3	3	6	0	6
2023	Challenges and prospects for the in-vitro conservation of plants having anticarcinogenic potential in the Western Himalaya, India	Sati P., Chauhan M., Trivedi V.L., Nautiyal M.C., Semwal P.	1676857	Plant Cell, Tissue and Organ Culture	152	2	0	0	1	0	1	0	1
2023	Chitosan cross-linked β–cyclodextrin polymeric adsorbent for the removal of perfluorobutanesulfonate from aqueous solution: adsorption kinetics, isotherm, and mechanism	Verma M., Lee I., Kumar V., Pan S.-Y., Fan C., Kim H.	9441344	Environmental Science and Pollution Research	30	7	0	0	4	0	4	0	4
2023	BSFR-SH: Blockchain-Enabled Security Framework Against Ransomware Attacks for Smart Healthcare	Wazid M., Kumar Das A., Shetty S.	983063	IEEE Transactions on Consumer Electronics	69	1	0	1	5	1	7	0	7
2023	Correction to: Implementation of Band Gap and Gate Oxide Engineering to Improve the Electrical Performance of SiGe/InAs Charged Plasma-based Junctionless-TFET (Silicon, (2023), 15, 3, (1303-1313), 10.1007/s12633-022-02111-w)	Kumar K., Kumar A., Mishra V., Sharma S.C.	1876990X	Silicon	15	3	0	0	1	0	1	0	1
2023	Implementation of Band Gap and Gate Oxide Engineering to Improve the Electrical Performance of SiGe/InAs Charged Plasma-Based Junctionless-TFET	Kumar K., Kumar A., Mishra V., Sharma S.C.	1876990X	Silicon	15	3	0	2	6	0	8	0	8
2023	Combined Effect of Phosphonium Ionic Liquid and Copper Oxide Nanopowder as Additives to the Bio-based Lubricant During Tribological Analysis	Singh Y., Singh N.K., Sharma A., Anjum Badruddin I., Kamangar S.	18772641	Waste and Biomass Valorization	14	2	0	0	0	0	0	0	0
2023	Spectral efficiency of selection combiner under Nakagami-m fading channels	Semwal A., Rinky, Hasan M.I.	25112104	International Journal of Information Technology (Singapore)	15	2	0	0	0	0	0	0	0
2023	Organization citizenship behaviour among indian nurses during SARS-COV-2: A direct effect moderation model	Mishra A.K., Singh S., Upadhyay R.K.	335177	Quality and Quantity	57	1	0	0	1	0	1	0	1
2023	Automatic and multimodal nuisance activity detection inside ATM cabins in real time	Srivastava A.K., Tripathi V., Pant B., Singh D.P., Trivedi M.C.	13807501	Multimedia Tools and Applications	82	4	0	0	0	0	0	0	0
2023	Multi-modal active learning with deep reinforcement learning for target feature extraction in multi-media image processing applications	Dhiman G., Kumar A.V., Nirmalan R., Sujitha S., Srihari K., Yuvaraj N., Arulprakash P., Raja R.A.	13807501	Multimedia Tools and Applications	82	4	0	0	2	2	4	0	4
2023	Context-based intelligent recommendation by code reuse for smart decision support and cognitive adaptive systems	Khapre S., Singh P., Shankar A., Nayak S.R., Diwakar M.	20496427	International Journal of Intelligent Unmanned Systems	11	1	0	1	4	0	5	0	5
2023	Darcy-Forchheimer flow of CNTs-H2O nanofluid over a porous stretchable surface with Xue model	Upreti H., Pandey A.K., Kumar M., Makinde O.D.	2179792	International Journal of Modern Physics B	37	2	0	0	21	4	25	0	25
2023	Integrating Green Lean Six Sigma and industry 4.0: a conceptual framework	Kaswan M.S., Rathi R., Cross J., Garza-Reyes J.A., Antony J., Yadav V.	1741038X	Journal of Manufacturing Technology Management	34	1	0	0	20	3	23	0	23
2023	Air quality management using genetic algorithm based heuristic fuzzy time series model	Bhagat L., Goyal G., Bisht D.C.S., Ram M., Kazancoglu Y.	17542731	TQM Journal	35	1	0	0	2	0	2	0	2
2023	Significance of non-uniform heat source/sink and cattaneo-christov model on hybrid nanofluid flow in a Darcy-forchheimer porous medium between two parallel rotating disks	Rawat S.K., Yaseen M., Khan U., Kumar M., Eldin S.M., Alotaibi A.M., Galal A.M.	22968016	Frontiers in Materials	9		0	0	6	2	8	0	8
2023	Green logistics driven circular practices adoption in industry 4.0 Era: A moderating effect of institution pressure and supply chain flexibility	Sharma M., Luthra S., Joshi S., Kumar A., Jain A.	9596526	Journal of Cleaner Production	383		0	1	14	4	19	0	19
2023	Real-time hardware-in-loop based open circuit fault diagnosis and fault tolerant control approach for cascaded multilevel inverter using artificial neural network	Sivapriya A., Kalaiarasi N., Vishnuram P., Abou Houran M., Bajaj M., Pushkarna M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	6	0	6	0	6
2023	Revolutionizing Farm Irrigation: A Smart IoT-based Solution for Water Conservation in Agriculture	Mahalakshmi G., Pandiaraja P., Apirajitha P.S., Punitha S., Soujanya T., Stephan T.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Performance Evaluation of PSO and its Variants for Odor Source Localization	Jain U., Kansal V., Bhatla S., Mittal T.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Sales Prediction in the Retail Industry Using Machine Learning: A Case Study of BigMart	Upadhyay H., Shekhar S., Vidyarthi A., Prakash R., Gowri R.		IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023			0	0	0	0	0	0	0
2023	Investigation of Machine Learning Approaches for Retrieval of Soil Moisture Using NavIC Signal	Rai S., Agarwal P., Ya R., Shekhar S., Prakash R., Pandey D.K., Vidyarthi A.		IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023			0	0	0	0	0	0	0
2023	Medical Image Denoising and Brain Tumor Detection Using CNN and U-Net	Shivahare B.D., Gupta S.K., Katiyar A.N., Punitha S., Singh P., Diwakar M.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Real Time Fruit Recognition and Calories Estimation Using CNN and Model Deployment on Amazon's AWS	Roy V.K., Roy G.K., Thakur V., Baliyan N., Goyal N., Chauhan Y.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Activity Detection of Estrogen Receptor α Ligand Binding Domain using Proposed Ensemble Learning	Gupta V.K., Vishwakarma S., Anand D., Kumar A., Tiwari H., Kumar A.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0

2023	Optimal Machine Learning Model for the Relationship Between Grain Size, Channel Thickness, and Grain Boundary Trap Density in 3D NAND Strings	Verma D., Bhatt U.M., Vidyarthi A.		IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023			0	0	0	0	0	0	0
2023	Study of Urban Change Detection Using Landsat 8 Satellite Data: A Case Study of Dehradun City, Uttarakhand, India	Dubey V.P., Prakash R., Chamoli V., Mittal P.		IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023			0	0	0	0	0	0	0
2023	Optimizing RF Parameters in Novel Si1-xGex/GaAs JLTFET Through Ge Mole Fraction Variation	Kumar K., Yadav P., Sharma S.C., Kumar V., Kumar A., Jain A.		IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023			0	0	0	0	0	0	0
2023	Towards Dynamic Performance Enhancement for Wind-Driven PMSG: A Developed Particle Swarm Optimizer-Based Controller	Mahmoud M.M., Bajaj M., Naithani D., Anwer N.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Hyper-Parameter Tuning with Grid and Randomized Search Techniques for Predictive Models of Hotel Booking	Yadav A.R., Shekhar S., Vidyarthi A., Prakash R., Gowri R.		IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023			0	0	0	0	0	0	0
2023	Streamflow Forecasting of Teesta River for a Hilly Sub-Tropical Humid Zone ANN ANFIS Based Models	Negi A., Rawat K.S., Shah M.C., Nainwal A., Bahuguna A.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Human Mental Health Investigation in Internet Era	Joshi A., Rauthan M.M.S., Verma R.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Detecting Buildings from Remote Sensing Imagery: Unleashing the Power of YOLOv5 and YOLOv8	Vaidya H., Gupta A., Ghanshala K.K.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Reliability Prediction of Solar Bridge Cooking Device Utilizing Structure Function Approach	Naaz S., Kumar A., Ram M.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Internet-of-Things Enabled Automation of E-Logistic Framework for Healthcare Sector in Smart Cities	Sharma S., Tripathi S.K., Sinha S.		IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023			0	0	0	0	0	0	0
2023	Drone Based Smart Agriculture Monitoring System for Chickpea Crop	Chauhan A., Dwivedi G., Khan M.T., Bhatt A.		Proceedings - 2023 3rd International Conference on Innovative Sustainable Computational Technologies, CISCT 2023			0	0	0	0	0	0	0
2023	Performance of rGO/V2O5 as a heterogeneous catalyst for oxidation of methyl phenyl sulfide	Karki N.S., Bisht M., Sharma A., Mudila H., Pal M.K.	8619808	Bulgarian Chemical Communications	55		0	0	0	0	0	0	0
2023	Design of a Contextual IoT Framework for the Improved User Experience and Services	Singh J., Sarkar D., Wazid M., Taparia A., Bisure D.K., Mohd N.	18650929	Communications in Computer and Information Science	1822		0	0	0	0	0	0	0
2023	Severity-Level Assessment of Groundnut Leaf Diseases: A Federated Learning and CNN Approach	Jindal V., Kukreja V., Mehta S., Bordoloi D., Singh V.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Continuous Wavelet Transform based Visualization of Transient and Short Duration Voltage Variations	Priyadarshini M.S., Krishna D., Bhaskara Reddy M., Bhatt A., Bajaj M., Mahmoud M.M.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Neural Antenna Optimizer: Improving Wireless Signal Amplification through Machine Learning and Embedded Systems	Jain A., Kumar A., Gupta N., Kumar K., Shrivastava D.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Internet-of-Things Enabled Smart and Portable Terrace Garden Protection Shed	Kukreti A., Shriyal A., Sharma S., Bhadula S.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Nature's Secrets Revealed: Unraveling Fusarium Wilt Diseases through CNN and SVM	Kaur A., Kukreja V., Aeri M., Tanwar S., Mohd N.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Harmonizing Nature and Technology: CNN-SVM for Cercospora Leaf Spot Disease Recognition in Chilli Plants	Kaur A., Kukreja V., Yadav R., Tanwar S., Sharma M.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Empowering Vineyards: Decentralized Grape Leaf Disease Recognition with Federated Learning CNN	Jindal V., Kukreja V., Mehta S., Chamoli S., Mohd N.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	IoT Platform-Based Prototype Model of an Adaptive and Intelligent Traffic Lighting System	Priyadarshini M.S., Sravani A., Gochhait S., Bhatt A., Bajaj M., Mahmoud M.M.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Design of a Robust Technique for Fake News Detection	Aggarwal S., Thapliyal S., Wazid M., Singh D.P.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	The Role of Federated Learning and CNNs in the Detection and Classification of Zucchini Leaf Diseases: A Severity-Based Analysis	Jindal V., Kukreja V., Mehta S., Chamoli S., Sharma M.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Recommendation System for Adventure Tourism	Pandey P., Mayank K., Sharma S.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Revenue Analysis of Cooperation of Battery Storage and Wind Power to Provide Frequency Regulation in the Energy Market	Coban H.H., Bajaj M., Rajagopalan A., Swaminathan D., Oubelaid A.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	G-Mail Spam Detection using Natural Language Processing	Jain A., Goel H., Joshi K., Gupta V.K., Shukla A., Jain P.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Addressing Zucchini Leaf Diseases: An Innovative Approach Using Federated Learning and CNN	Jindal V., Kukreja V., Mehta S., Gupta A., Joshi K.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0

2023	Cutting-Edge AI for Helianthus Disease Detection: A CNN-KNN Hybrid Model	Choudhary N., Kukreja V., Sharma R., Gopal L., Rawat D.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Empowering Rice Farmers: Automated Multi-Classification of Rice Diseases using YOLOv5	Niharika, Kukreja V., Sharma R., Das P., Mohd N.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Development of Rainfall Prediction Models using Linear and Non-linear Regression Techniques	Sunori S.K., Kant S., Agarwal P., Juneja P.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Dynamic Analysis of a Malware Sample: Recognizing its Behavior using Forensic Application	Bhatia A.M., Kumar I., Mohd N.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Open AI based Differential Gain Model of Information Sharing in Industry 5.0 Health Sector	Gautam A., Sharma S.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Citrus Leaf Scab Multi-Class Classification: A Hybrid Deep Learning Model for Precision Agriculture	Jaswal N., Kukreja V., Sharma R., Chaudhary P., Garg A.		2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023			0	0	0	0	0	0	0
2023	Neural Networks And Machine Learning	Sayal A., Jha J., Chaithra N., Gupta V., Gupta A., Gupta O., Memoria M.		5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMLA 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence Enabled Disease Prediction System in Healthcare Industry	Diksha, Verma A.K., Bhadula S., Sharma S.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	Back Propagation Neural Network-Based Routing Optimization for IoT	Maurya S.K., Srivastava A., Saini P.K., Gupta R., Dhondiyal S.A.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	Hybrid Clustering Techniques for Optimizing Online Datasets Using Data Mining Techniques	Rawat B.S., Srivastava A., Singh G., Kumar G., Dhondiyal S.A.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	A Review of the Authentication Scheme Using HECC and ECC	Srivastava A., Singh Rawat B., Singh G., Bhatnagar V., Dhondiyal S.A.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	Phishing Attacks Isolation via DNS Prevention of 64-Bit Time Synchronized Public Key	Gupta A., Tomar A., Gupta V.K., Mishra S.K., Shukla A., Tiwari H.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	Blockchain-Based Financial Enterprises Credit Value Information System Using Federated AI	Badhani N., Sharma S.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	Recognition of Attacks on IoT Devices and Their Prevention Using Deep Learning Methods	Singh Rawat B., Srivastava A., Singh G., Bhatnagar V., Dhondiyal S.A.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	Role of Technology for Credit Risk Management: A Bibliometric Review	Jain V., Tiwari R., Mehrotra R., Bohra N.S., Misra A., Pandey D.C.		2023 IEEE International Conference on Blockchain and Distributed Systems Security, ICBDS 2023			0	0	0	0	0	0	0
2023	Evaluation of antioxidant and ACE inhibitory peptides in rice bran protein hydrolysate using non-targeted UHPLC-QTOF-IMS profiling, MALDI-TOF-TOF-MS/MS, and molecular docking study	Kumar A., Singh N., Joshi R.	9505423	International Journal of Food Science and Technology			0	0	0	0	0	0	0
2023	AI Based Touchless Attendance System	Kumar V., Madan D., Srivastava P., Indu K.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	A Novel Approach for Digital Image Resemblance Using Deep Learning with Image Augmentation	Misra U., Negi D., Gupta S., Gambhir M., Kumar P., Tomar V.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	SQL and NOSQL Databases in the Application of Business Analytics	Dhasmana G., Praveen Gujjar J., Guru Prasad M.S., Prasanna Kumar H.R.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Price Comparison Using Web Scraping and Machine Learning	Singh N., Rana A., Chaudhary A.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Online Money Transaction Security	Chauhan S., Singh V., Pundir M., Sisodiya N., Mohd N., Kumar I.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Detection of Breast Tumor Using Various Machine Learning Techniques	Negi H.S., Aman, Kumar B., Rawat V., Panwar N.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Helping Hand Platform for the Students to Provide Multiple Services: Using Web Development	Gupta S., Bisht K.S., Singh P.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Optimizing Cloud-Based Smart Agriculture	Sneha, Singh P., Tripathi V.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	A Hybrid Model for Identifying Social Media Addiction Patterns Among Young People	Mohd N., Agrawal M., Kesarwani D., Garg A., Kumar I.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Recent Trends, Issues and Challenges in Container and VM Migration	Lohumi Y., Srivastava P., Gangodkar D., Tripathi V.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0

2023	Hand Gesture Controlled White Board	Kumar A., Rawat A., Sajwan H., Trivedi M., Jain U., Kansal V., Bhatla S.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	An Enhance Version of YouTube Video Downloader Using Python	Rawat A., Rawat V., Singh N., Kuchhal N., Barmola J., Negi H.S.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Automated Student's Details Access System Using Face Recognition	Shivhare R., Guru Prasad M.S., Singh R.K., Neha K., Dwivedi D., Ram M.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Stock Price Prediction Using LSTM Model in Machine Learning	Singh M., Dhiman T.K., Aggarwal R., Kapoor S., Mohd N.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	IoT based Smart Hydroculture Control System Using Fuzzy Computing	Aditya Pai H., Mahesh T.R., Kumar A.S., Agarwal J., Abhinav K.H., Guruprasad M.S.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Sequence to Sequence Pre-Trained Model for Natural Language Processing	Dhasmana G., Prasanna Kumar H.R., Guru Prasad M.S.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Text Classification Using N-Grams for Providing Effective Response in Chatbot	Kotiyal A., Praveen Gujjar J., Guru Prasad M.S., Prasanna Kumar H.R.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Mosquito Coil Smoke Monitoring System Using Arduino and MQ-2 sensor	Aditya, Jain U., Yadav A., Joshi S., Kansal V., Bhatla S.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	An Effective Pre-Owned Car Price Prediction Based on Multi Linear Regression Technique	Kumar A., Singh D., Chauhan K., Guru Prasad M.S.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Detection and Classification of Brain Tumour Using EfficientNet and Transfer Learning Techniques	Kukreti A., Guru Prasad M.S., Ram M., Naik P.K.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Pre-trained Model for Image Prediction Using Keras Application	Kotiyal A., Praveen Gujjar J., Guru Prasad M.S.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Namaste-Enabled Robot-Assisted Hospitality Services: Design and Performance Evaluation of an Arduino-Based Service Robot in the Hospitality Industry	Bharadwaj Y., Singh P., Bharadwaj R., Rajpoot N.K.		2023 International Conference on Computer Science and Emerging Technologies, CSET 2023			0	0	0	0	0	0	0
2023	Development of an Indoor Test-bed for Evaluation of Tracking Mechanism	Tiwari C., Chandra L., Bandyopadhyay B.	17551307	IOP Conference Series: Earth and Environmental Science	1279	1	0	0	0	0	0	0	0
2023	Natural Language Processing Techniques in Digital Diagnostic System for Lung Cancer Detection	Rawat D., Sharma S., Bhadula S.		2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023			0	0	1	0	1	0	1
2023	Genome Sequence Identification using Deep Learning for Lung Cancer Diagnosis	Gupta A., Sharma S.		2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023			0	0	0	0	0	0	0
2023	Investigation of Trifolium repens L. from the Indian Himalayan region as a phyto-therapeutic agent	Ngangom L., Venugopal D., Pandey N.	14786419	Natural Product Research			0	0	0	0	0	0	0
2023	Blockchain in Banking: A Bibliometric Review	Mittal M., Tiwari R.S., Tewari N., Bajaj S., Kargeti H., Tiwari R.		9th International Conference on Smart Computing and Communications: Intelligent Technologies and Applications, ICSCC 2023			0	0	0	0	0	0	0
2023	Central Bank Digital Currency: A Bibliometric Analysis of Scopus Database	Sah A., Bhatt A.K., Chowdhury S., Bhatt S., Kargeti H., Tiwari R.		9th International Conference on Smart Computing and Communications: Intelligent Technologies and Applications, ICSCC 2023			0	0	0	0	0	0	0
2023	Agriculture Informatics and Communication: Paradigm of E-Governance and Drone Technology for Crop Monitoring	Gupta P., Gopal S., Sharma M., Joshi S., Sahani C., Ahalawat K.		9th International Conference on Smart Computing and Communications: Intelligent Technologies and Applications, ICSCC 2023			0	0	0	0	0	0	0
2023	Visual object detection using audio data	Chaturvedi R.K., Sahu D.P., Tyagi M.K., Diwakar M., Singh P., Shankar A., Sathishkumar V.E.	17426588	Journal of Physics: Conference Series	2664	1	0	0	0	0	0	0	0
2023	Optimizing Productivity and Efficiency in Agriculture through the Integration of Digital Technologies: A Smart Agriculture Perspective	Joshi S., Sharma M., Kaushal D., Misra A., Gupta P., Gopal S.		9th International Conference on Smart Computing and Communications: Intelligent Technologies and Applications, ICSCC 2023			0	0	0	0	0	0	0
2023	Cryptojacking: Detection and Prevention Techniques	Goyal A., Matta P.		9th International Conference on Smart Computing and Communications: Intelligent Technologies and Applications, ICSCC 2023			0	0	0	0	0	0	0
2023	Utilizing machine learning for the assessment of mosquito repellent effectiveness and decision support in product selection	Kumar D., Verma A., Kumar M., Maurya V., Mishra A.	2093761X	International Journal of Sustainable Building Technology and Urban Development	14	4	0	0	0	0	0	0	0
2023	Forecasting Vegetable Price Prediction Using GC-Attention Based- LSTM Approach	Yadav S., Reddy K.S., Marapelli B., Khan B., Suganthi D., Dhondiyal S.A.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0

2023	End-to-End Classification of Transmission Lines in Fault Detection Using SW and Extreme Learning Based Approach	Cholla R.R., Kakkar S., Natarajan C., Gulati C., Dwivedi V.K., Rajput A.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	A Probabilistic Fault Detection Approach for the Management of Energy and Environment in Buildings Using BiGRU-SA Approach	Rao C.V., Swaminathen A.N., Saikumari N., Vyankatesh Ghamande M., Dahegaonkar A.D., Kumar Gupta K.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	An Innovative Approach of CNN-BiGRU Based Post-Earthquake Damage Detection of Reinforced Concrete for Frame Buildings	Nagila A., Saravanakumar P., Pranavan S., Goutam R., Dobhal D.C., Singh G.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Investigation of LSSVM and RBFNN-based Techniques for Intrusion Detection Systems for IoT Networks	Jayapal M., Subhashree K., Ashwini B., Satheesh Kumar D., Dimri S.C., Nishant N.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Comparative Evaluation of Fraud Detection in Online Payments Using CNN-BiGRU-A Approach	Prabhakar K., Giridhar M.S., Tatia A., Joshi T.M., Pal S., Aswal U.S.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	An Innovative Method for Snatch Theft Detection Using Convolutional LSTM-Auto Encoder Approach	Konda Reddy G., Reddy Esanakula J., Prajna K.B., Chandra Purohit K., Kaliappan S., Maranan R.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	AI-Based Approach for Retail Sale Forecasting	Kumar Kaushal R., Giri K.K.B., Kumar H.S., Raina K., Choudhury D., Naikade K.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Analysis of Discovering Fraud in Master Card Based on Bidirectional GRU and CNN Based Model	Kakkar S., Subha B., Reddy L.C.S., Pal S., Dimri S.C., Nishant N.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Automatic Classification and Artifacts Removal of EEG Signal Using Supervised and Unsupervised Model	Gururaj B., Nair P.P., Harish L., Arun Kumar S., Sharma M., Maranan R.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	An Intelligent Method for Predicting River Water Height Based on GRU-RNN Method	Kavitha K., Singh K., Shakya P., Parasar V.K., Kaushal D., Kalra G.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Application of CNN and Recurrent Neural Network Method for Osteosarcoma Bone Cancer Detection	Nanthini S., Sivabalan R., Sivabalan S., Bethapudi P., Kukreti R., Chauhan A.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Quantitative Evaluation to Detect Crack Depth in Beams Based on CNN-RNN-LSTM Approach	Gandhi M.A., Swaminathen A.N., Patil D.T., Ravitheja A., Kamali R., Rajput A.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Improved Email Spam Detection Using Integrated Approach of BiGRU-A-LSTM Approach	Ragesh T.S., Tamizhselvi A., Patil H., Mittal V., Kaliappan S., Maranan R.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	The Performance Impact of Human Resources Recruitment System for Business Process Management Using K-Means and SVM	Yadav S., Mann S., Renjith Krishnan K., Dobhal D.C., Unni M.V., Manoj S.		International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings			0	0	0	0	0	0	0
2023	A taxonomy of critical factors towards sustainable operations and supply chain management 4.0 in developing countries	Caiado R.G.G., Scavarda L.F., Vidal G., de Mattos Nascimento D.L., Garza-Reyes J.A.	19369735	Operations Management Research			0	0	0	0	0	0	0
2023	Relative importance of VECTRI model parameters in the malaria disease transmission and prevalence	Parihar R.S., Kumar V., Anand A., Bal P.K., Thapliyal A.	207128	International Journal of Biometeorology			0	0	0	0	0	0	0
2023	Role of IoT in Smart Cities: Proliferation and Challenges	Singh A., Arora N., Singh T.P.		AI-Based Data Analytics: Applications for Business Management			0	0	0	0	0	0	0
2023	A numerical analysis of fluid flow and heat transfer between two rotating disks with induced porous medium	Negi A.S., Saini A., Kumar A., Rawat S.K., Yaseen M.	10407790	Numerical Heat Transfer, Part B: Fundamentals			0	0	0	0	0	0	0
2023	Coupled Torsional–Transverse Vibration Reduction in Marine Propulsion Dynamics with Novel Approach Using Magnetorheological Damping and Adaptive Control System	Sharma S.K., Sharma R.C., Upadhyay R.K., Lee J.	25233920	Journal of Vibration Engineering and Technologies			0	0	0	0	0	0	0
2023	A REVIEW OF STATISTICAL APPROACHES USED FOR LANDSLIDE SUSCEPTIBILITY ANALYSIS WITH THE HELP OF REMOTE SENSING AND GIS TECHNOLOGY	Bisht S., Rawat K.S.	16440765	Acta Scientiarum Polonorum, Formatio Circumiectus	22	3	0	0	0	0	0	0	0
2023	What's in a Brand? Place Branding and Migration in Smart Cities	Matheus R., Naval N., Rizun N., Alexopoulos C., da Silva R.G., Wiedenhoft G., Saxena S.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	14316		0	0	0	0	0	0	0
2023	Wavelet analysis for quantifying NavIC-IR multipath signal frequency with the aim of determining soil moisture in agricultural fields	Shekhar S., Prakash R., Pandey D.K., Vidyarthi A., Putrevu D., Desai N.M.	2150704X	Remote Sensing Letters	14	12	0	0	0	0	0	0	0
2023	An Authentication and Key Management Framework for Secure and Intelligent Transportation of Internet of Space Things	Wazid M., Das A.K., Shetty S.	15249050	IEEE Transactions on Intelligent Transportation Systems			0	0	0	0	0	0	0
2023	Enhancing cervical cancer survival through innovative radiotherapy interventions: a narrative review	Sharma A., Gasmi M., Gautam K.A., Melkani D.	18968961	Onkologia i Radioterapia	17	10	0	0	0	0	0	0	0
2023	Integrating Lean Management with Industry 4.0: an explorative Dynamic Capabilities theory perspective	Komkowski T., Antony J., Garza-Reyes J.A., Tortorella G.L., Pongboonchai-Empl T.	9537287	Production Planning and Control			0	0	0	0	0	0	0
2023	Process optimization of nutritious whey incorporated wheat-barley buns and assessment of their physical, nutritional, and antioxidant profiles	Dobhal A., Awasthi P., Shahi N.C., Kumar A., Bisht B., Joshi S., Kumar V., Hussain A., Kumar S.	21934126	Journal of Food Measurement and Characterization			0	0	0	0	0	0	0

2023	Would ecological and technological consciousness shape e-vehicle purchase intentions? Insights from an emerging market	Sharma H., Kovid R.K., Tewari A., Singh T.P., Choudhury T.	25245279	Socio-Ecological Practice Research			0	0	0	0	0	0	0
2023	Impact of activation energy on magneto-bioconvection flow of oxytactic microorganisms with NePCM in complex shaped enclosure considering thermal radiations	Hussain S., Jayavel P., Almutairi B., Ramesh K.	10407782	Numerical Heat Transfer; Part A: Applications			0	0	0	0	0	0	0
2023	A C-Lean framework for deploying Circular Economy in manufacturing SMEs	Nadeem S.P., Garza-Reyes J.A., Anosike A.I.	9537287	Production Planning and Control			0	0	0	0	0	0	0
2023	Fuzzy reliability framework under hesitant and dual hesitant fuzzy sets to air conditioning system	Chachra A., Ram M., Kumar A.	303887	OPSEARCH			0	0	0	0	0	0	0
2023	A systematic literature review on soft computing techniques in cloud load balancing network	Negi S., Singh D.P., Rauthan M.M.S.	9756809	International Journal of System Assurance Engineering and Management			0	0	0	0	0	0	0
2023	A novel artificial neural network approach for residual life estimation of paper insulation in oil-immersed power transformers	Nezami M.M., Equbal M.D., Ansari M.F., Alotaibi M.A., Malik H., Garcia Marquez F.P., Hossaini M.A.	17518660	IET Electric Power Applications			0	0	0	0	0	0	0
2023	T axus wallichiana leaf extract-mediated microwave-assisted one-pot biosynthesis of MgO NPs for biomedical and photocatalytic applications	Ahmad W., Kumar S.	25225731	Emergent Materials			0	0	0	0	0	0	0
2023	Exploring the features of Von-Karman flow of tangent hyperbolic fluid over a radially stretching disk subject to heating due to porous media and viscous heating	Bartwal P., Upreti H., Mishra S.R., Pandey A.K.	2179849	Modern Physics Letters B			0	0	0	0	0	0	0
2023	Case Study: Analysis of Multi-Recessed Spherical Hybrid Journal Bearings Lubricated with Power-Law Lubricant	Tomar A.K., Sahu K.		Tribology in Sustainable Manufacturing			0	0	0	0	0	0	0
2023	Collaborative logistics, tools of machine and supply chain services in the world wide industry 4.0 framework	Kumar A.S., Desi A.B.		Artificial Intelligence, Blockchain, Computing and Security: Volume 2	2		0	0	0	0	0	0	0
2023	Analytics of Identifying Green Stocks Diversification Opportunities During Pre and Post Outbreak of COVID-19—An Approach of Sharpe Single Index Model and Wavelet Coherence Approach	Aswal N., Reepu, Sharma S., Dhyani B.	26623447	Learning and Analytics in Intelligent Systems	32		0	0	0	0	0	0	0
2023	An Ensemble Approach of CNN and SVM for Precise Classification of Sweet Corn Leaf Diseases	Banerjee D., Kukreja V., Sharma V., Manwal M., Jindal V.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Implementation Of Fitness Application Using Flutter	Bhatt C., Garg A., Chauhan R., Bhatt P., Singh T.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Deep Learning Based Sugarcane Downy Mildew Disease Detection Using CNN-LSTM Ensemble Model for Severity Level Classification	Dhawan N., Kukreja V., Sharma R., Vats S., Verma A.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Automatic Text Summarization based Web Application	Gourh S., Uniyal S., Aryal A., Beniwal T., Samant S.S.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	A Paradigm Shift in Pomegranate Leaf Disease Detection with Federated Learning and CNN	Mehta S., Kukreja V., Vats S., Verma A.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	A Systematic Review of Question Classification Techniques Based on Bloom's Taxonomy	Rawat A., Kumar S., Singh Samant S.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Automated Traffic Monitoring Control for Improved Visibility On Curve Hilly Road Using Internet-of-Things	Agrawal K., Jain P., Sharma S., Rai Goyal H.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Exploring the Factors behind COVID-19 Surge: Predictive Modeling and Analysis	Aniruddha Prabhu B.P., Sharma T., Dani R., Singh M., Rautela A., Singh R.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Crop Vigil: Automated Wheat Bunt Disease Multi-Classification with a CNN-RNN Hybrid Model and Attention Block	Kukreja V., Sharma R., Sharma V., Verma A.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	An Effective Detection of Litchi Disease using Deep Learning	Dahiya M., Guru Prasad M.S., Anand T., Kumar K., Bansal S., Naveen Kumar H.N.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Optimizing Fenugreek Leaf Disease Detection: An Exploration of Federated Learning with CNN	Mehta S., Kukreja V., Sharma V., Manwal M.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	A Deep Learning Fusion Approach for Automatic Diagnosis and Grading of Diabetic Retinopathy	Gupta A., Kumar V.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0

2023	Unveiling the Hidden Patterns: Deep Learning Approach for Early Detection and Severity Classification of Sugarcane Brown Spot	Garg S., Kukreja V., Sharma R., Sharma V., Aeri M.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Scalable and Privacy-Severity Analysis of Pomegranate Leaf Diseases: Federated Learning with CNNs	Mehta S., Kukreja V., Vats S., Manwal M.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Design of a LiFi System for Short-Distance Communications	Devrani A., Darshan D., Vidyarthi A., Prakash R., Gowri R.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Remotely Controlled Electronic Noticeboard Using NodeMCU	Kumar A., Singh G., Rawat V., Negi D., Joshi A.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	A comparative analysis between three local descriptors	Karanwal S.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	DeepLeaf: Revolutionizing Rice Disease Detection and Classification using Convolutional Neural Networks and Random Forest Hybrid Model	Kukreja V., Sharma R., Vats S., Manwal M.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Identifying Various Change Detection Procedures and Techniques in Image Processing Applications	Ramola A., Vidyarthi A.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Cutting-edge Analysis of Sweet Potato Leaf Diseases: Leveraging Federated Learning and CNNs for Severity Evaluation	Mehta S., Kukreja V., Sharma V., Aeri M.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	0	0	0	0	0
2023	Deepfake Generation and Detection: Case Study and Challenges	Patel Y., Tanwar S., Gupta R., Bhattacharya P., Davidson I.E., Nyameko R., Aluvala S., Vimal V.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	Beneath the Surface: Uncovering the relationship between ego states, organizational commitment, and productivity among Indian bankers	Rahiman H.U., Kodikal R.	10293132	Asia Pacific Management Review			0	0	0	0	0	0	0
2023	Analysis of Land subsidencein coastal and urban areas by using various techniques– Literature Review	Sahu S.R., Rawat K.S.	249521	Indonesian Journal of Geography	55	3	0	0	0	0	0	0	0
2023	Computational investigation for silica-molybdenum disulfide/water-based hybrid nanofluid over an exponential stretching sheet with spectral quasi-linearization method	Shamshuddin M.D., Agbaje T.M., Asogwa K.K., Ramesh K.	10407790	Numerical Heat Transfer, Part B: Fundamentals			0	0	0	0	0	0	0
2023	INFRDET: IoT network flow regulariser-based detection and classification of IoT botnet	Garg U., Kumar S., Kumar M.	1741847X	International Journal of Grid and Utility Computing	14	6	0	0	0	0	0	0	0
2023	Polygenic Risk Score for Cardiovascular Diseases in Artificial Intelligence Paradigm: A Review	Khanna N.N., Singh M., Maindarkar M., Kumar A., Johri A.M., Mentella L., Laird J.R., Paraskevas K.I., Ruzsa Z., Singh N., Kalra M.K., Fernandes J.F.E., Chaturvedi S., Nicolaides A., Rathore V., Singh I., Teji J.S., Al-Maini M., Isenovic E.R., Viswanathan V., Khanna P., Fouda M.M., Saba L., Suri J.S.	10118934	Journal of Korean Medical Science	38	46	0	0	0	0	0	0	0
2023	Physical modeling and numerical investigation of fluid flow and solidification behavior in a slab caster mold using hexa-furcated nozzle	Sharma K.K., Kumar R., Jha P.K.	26884534	Heat Transfer			0	0	0	0	0	0	0
2023	Synthesis of a silica matrix with ZnO nanoparticles for the fabrication of a recyclable photodegradation system to eliminate methylene blue dye	Naik H.S., Sah P.M., Dhangade M., Lakkakula J., Raut R.W., Roy A., Alghamdi S., Qusty N., Alhindi Z., Kabrah A., Rani A.	21919550	Green Processing and Synthesis	12	1	0	0	0	0	0	0	0
2023	Quality, Quantity and Type detection of Fruits inside Refrigerator through Smart Vision in IoT	Das S., Nandgaonkar V.N., Dasab P., Saini D.J.B., Biradar R.G., Bhatt A.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Grading of Fruit Ripeness Using Arduino in IoT	Saini D.K.J.B., Ahammad S.H., Das P., Bhatt A., Malusare P., Pande S.D.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Unlocking the Market Insight Potential of Data Extraction Using Python-Based Web Scraping on Flipkart	Dogra K.S., Nirwan N., Chauhan R.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Web Scraping: Huge Data Collection from Web	Bhatt C., Gaitri, Kumar D., Chauhan R., Vishvakarma A., Singh T.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Pneumonia Identification Using Deep Learning Models	Bohra M., Kumar I., Singh T.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0

2023	Diagnosis of Heart Failure Using AI Techniques	Gupta R., Rawat J., Kumar I., Singh T., Bohra M., Kumar D.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	A Review on Multiple Renewable Energy Resources, Battery Storage System and Demand Response in Contemporary Distribution System	Semwal G., Sharma S., Rawat T.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Tweets Sentiment Analysis Using Machine Learning and Modified BERT Methods	Kumar I., Chauhan R., Negi A., Singh T., Mohd N.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	A Review of Optimization Algorithms for Training Neural Networks	Srivastava A., Rawat B.S., Singh G., Bhatnagar V., Saini P.K., Dhondiyal S.A.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Development And Implementation of the Ganga Water Quality Monitoring System	Joshi B., Pathak V., Kumar I., Mohd N., Prakash S., Kumar L.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	An Enhanced Secure Authentication Scheme for the Internet of Things	Neetu, Srivastava A., Barik L.B., Dhondiyal S.A.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Customer Churn Prediction in Telecom Services	Aeri M., Dhondiyal S.A., Rana Y., Rawat S., Kothari P., Adhikari R.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Deep Architecture for Breast Cancer Detection: Using Optimized VGG16 Model and Transfer Learning	Chauhan A., Kumar I., Singh K.U., Singh P.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	A Novel Clustering Protocol Using Fuzzy Logic	Aeri M., Dhondiyal S.A.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Child Health Tracking System Using React	Bhatt C., Rawat S., Chauhan R., Kumar D., Kumar M., Dhondiyal S.A.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Multiple Distributed PV Locations and Hosting Capacity Determination Using GA and GWO Algorithm	Kharayat P.S., Semwal G., Sharma S., Rawat T.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Design of Atmel PLC and its Application as Automation of Coal Handling Plant	Pande S.D., Bhatt A., Chamoli S., Saini D.K.J.B., Kute U.T., Ahammad S.H.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Impact of Solar PV System on Energy Loss and Voltage Profile of Distribution System Using GWO and PSO Algorithm	Kharayat P.S., Semwal G., Sharma S., Rawat T.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	Automated Navigation System for News Videos: A Survey	Aggarwal M., Kuchchal V., Gangodkar D., Chandran N.		2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023			0	0	0	0	0	0	0
2023	An Enhanced Equilibrium Optimizer for Solving Optimization Tasks	Liu Y., Ding H., Wang Z., Dhiman G., Yang Z., Hu P.	15462218	Computers, Materials and Continua	77	2	0	0	0	0	0	0	0
2023	Hemidesmus indicus (L.) R. Br. ex Schult as natural bioactive products: An evidence-based review focused on inflammation related cancer prevention potential	Sena S., Van Staden J., Kumar V., Husen A.	25902628	Current Research in Biotechnology	6		0	0	0	0	0	0	0
2023	Load Balancing in Cloud Environment: A State-of-the-Art Review	Lohumi Y., Gangodkar D., Srivastava P., Khan M.Z., Alahmadi A., Alahmadi A.H.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	Design of a Secure Machine Learning-Based Malware Detection and Analysis Scheme	Kumar P., Obaidat M.S., Pandey P., Wazid M., Das A.K., Singh D.P.		Proceedings of the 2023 IEEE International Conference on Communications, Computing, Cybersecurity and Informatics, CCCI 2023			0	0	0	0	0	0	0
2023	SLA-SCA: Secure and Lightweight Authentication and Key Agreement Mechanism for Smart City Applications	Pant B., Obaidat M.S., Singh S., Pant M., Wazid M., Das A.K., Hsiao K.-F.		Proceedings of the 2023 IEEE International Conference on Communications, Computing, Cybersecurity and Informatics, CCCI 2023			0	0	0	0	0	0	0
2023	Metabolomics of chemical constituents as a tool for understanding the quality of fruits during development and processing operations	Singh N., Kathuria D., Barthwal R., Joshi R.	9505423	International Journal of Food Science and Technology			0	0	1	0	1	0	1
2023	Recent advancements in nanotechnological approaches for pollution monitoring and environmental sustainability	Manjunathan J., Revathi M., Sowmya H., Meenambiga S.S., Sudha R., Prakash B., Nangan S., Gnanasekaran L., Thirumalaivasan N.	1618954X	Clean Technologies and Environmental Policy			0	0	0	0	0	0	0

2023	Analytical modeling and experimental estimation of the dynamic mechanical characteristics of green composite: Caesalpinia decapetala seed reinforcement	Chenrayan V., Kanaginahal G., Shahapurkar K., Soudagar M.E.M., Fouad Y., Kalam M.A.	323888	Polymer Engineering and Science			0	0	0	0	0	0	0
2023	Investigation on the mechanical and fracture properties of lightweight pumice epoxy composites	Shahapurkar K., Zelalem Y.M., Chenrayan V., Soudagar M.E.M., Fouad Y., Kalam M.A., Kiran M.C.	323888	Polymer Engineering and Science			0	0	0	0	0	0	0
2023	Bio-based food packaging materials: A sustainable and Holistic approach for cleaner environment- a review	Gururani P., Bhatnagar P., Dogra P., Chandra Joshi H., Chauhan P.K., Vlaskin M.S., Chandra Joshi N., Kurbatova A., Irina A., Kumar V.	26660865	Current Research in Green and Sustainable Chemistry	7		0	0	0	0	0	0	0
2023	Phytochemical analysis and high-performance thin-layer chromatography guided quantification of Boeravinone B from Boerhaavia diffusa root extracts: Assessment of in vitro safety analysis	Laasya T.P.S., Thapliyal S., Goel K.K., Kumar B., Poduri R., Joshi G.	25731815	Separation Science Plus			0	0	0	0	0	0	0
2023	A Study of Feature-Based and Pixel-Level Image Fusion Techniques	Kumar V., Khanduja M., Anandaram H., Joshi K., Gupta A., Diwakar M.	18761100	Lecture Notes in Electrical Engineering	1079		0	0	0	0	0	0	0
2023	Bioactive Compounds and Biological Activities of Nepal Yam (Dioscorea deltoidea wall. Ex Griseb.)	Sati P., Trivedi V.L., Semwal P., Nautiyal M.C.	2511834X	Reference Series in Phytochemistry	2023		0	0	0	0	0	0	0
2023	Three-dimensional flow of hybrid nanofluid through Darcy-Forchheimer porous surface: A Legendre wavelet collocation approach	Upadhyay S., Upreti H., Pandey A.K.	10407782	Numerical Heat Transfer; Part A: Applications			0	0	0	1	1	0	1
2023	LCO–EGC: levy chaotic optimization-based enhanced graph convolutional network for monitoring health of sports athletes	Paul N.R.R., Arunkumar G., Chaturvedi A., Singh U.	10220038	Wireless Networks			0	0	0	0	0	0	0
2023	Algal organic matter induced photodegradation of tinidazole	Ahmad W., Kaur N., Parashar A.	15257770	Nucleosides, Nucleotides and Nucleic Acids			0	0	0	0	0	0	0
2023	The Integration of Machine Learning Technique with the Existing System to Predict the Flight Prices	Mary Joshitta S., Sunil M.P., Badriasulaimanalfurhood, Bodhankar A., Ch.Sreedevi, Khanna R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Resource Allocation Technology Mobile Edge Computing System Using Blockchain Technology	Sharma A., Rani R.P., Raenukolandaisamy, Abdulrahman I.S., Sreeram A., Shukla S.K.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Examination of Cybersecurity Threats and Authentication Systems	Shakeel M., Lakshmana Rao C., Shyam Prasad T., Alam T., Rawat N., Kavitha R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Blockchain Based Multi-Layer Security Network Authentication System for Uncertain Attack in the Wireless Communication System	Josphineleela R., Gupta R., Misra N., Malik M., Somasundaram K., Gangodkar D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Development and Construction of an Automated Sanitizing Robot Incorporating Ultrasonic Sensor and Sanitizer Level Detection Sensor	Shah J., Marandi A.K., Sivasankar P.T., Chande K., Kanekar R., Verma D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	A Blockchain Based Framework for Opening Up Big Data in Collaborative Edges with Less Resource Consumption	Rajan S.N., Saxena M., Joshi K., Joshi S., Malathy V., Imran A.A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	A Deep learning Technique for Smart Gender Classification System	Sonthi V.K., Sikka R., Anusha R., Devi P.B.S., Kamble S.K., Pant B.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Investigation of IOT-Based Consumer Analytics to Assist Consumer Engagement Strategies in Evolving Markets	Jayadeva S.M., Prasad Krishnam N., Raja Mannar B., Prakash Dabral A., Buddhi D., Garg N.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Experimental Analysis Into Blockchain Cyber Security Attacks	Gupta S., Bhowmick A., Umamageswari K., Joshi K., Bhalla H., Kaushal D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Role of IOT in managing education management tools: A technical review	Ingale N.V., Saravana Kumar G., Panduro-Ramirez J., Raj M., Vaseem Akram S., Rawat R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Enhancing OTP Generation Efficiency through Cryptographic Techniques	Kumar V., Ahmareen S., Kumar M., Prajapati Y.N., Pant B., Bohra S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	IoT-Based Diagnosis and Recommendation System for Chronic Diseases Using Patient Health Records	Umamaheswaran S.K., Gangodkar D., Samatha V., Chakrapani I.S., Dharamvir, Buddhi D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Securing WSN with Origin Position System, Adaptive Trust Sector Authentication, and Encryption	Raman R., Singh C., Singh R., Pant B., Sunil G., Kumar K.I.P.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Machine learning integration in Communication system for efficient selection of signals	Bhardwaj A., Rebelli S., Gehlot A., Pant K., Gonzales J.L.A., Firos A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0

2023	Detailed review on Integrated Healthcare Prediction System Using Artificial Intelligence and Machine Learning	Parasar D., Ali A., Pillai N.M., Shahi A., Alfurhood B.S., Pant K.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Empirical Evaluation on Stock Market Forecasting via Extreme Learning Machine	Balakrishnan S., Pathak D.K., Panduro-Ramirez J., Buddhi D., Girimurugan B., Pokhariya H.S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	In-depth review of integration of AI in cloud computing	Mohamed N., Sridhara Rao L., Sharma M., Sureshbaburajasekaranl, Badriasulaimanalfurhood, Kumar Shukla S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Advanced Manufacturing Process Development for Automation in the Industry using Artificial Intelligence-Based System	Kumaravel D., Tomar P., Tulanovna K.D., Sharma S., Pawar K.P., Patil P.P.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Critically Analyzing the Nature of Deep Learning, The Way, It is Adopted in Organizational Developments	Lourens M., Krishna S.H., Dhumale R.B., Bhatia S., Joshi K., Tripathi V.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	A New Design for Protecting Cyber-Attacks and Harmful Threats in IoT Communication Network with Efficient Deep Learning-Based Detection System	Dhinakaran S., Bansal V., Pant K., Joshi S.K., Maginmani U.H., Prasad C.R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence's Function in Chatbots That Use NLP and SVM Algorithms	Panduro-Ramirez J., Melanielourens, Anitagehlot, Gangodkar D.P., Tanushreesarkar, Sivakumarsattanathan		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Integration of RFID and Image Processing for Surveillance ABased Security System	Pandey R., Saha S., Yathiraju N., Abdulrahman I.S., Nittala R., Tripathi V.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	1	0	1	0	1
2023	A Review of Metaheuristics for Solving Combinatorial Optimization Problems in Management	Mulla G.S., Gupta K.K., Sharma S.D., Ramesh R., Kumar M., Ganesh K.V.B.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Evaluation of Deep Training and Adapting Algorithms in Medical with De-Noising EEG	Abdulwahid A.H., Karetla G.R., Ganesh K.V.B., Kumar A.S., Radha K., Shivakumar K.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Predictive Design for Quality Assessment Employing Cloud Computing And Machine Learning	Jindal G., Tiwari V., Mahomad R., Gehlot A., Jindal M., Bordoloi D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	The Role of Machine Learning Algorithms in Developing Android App and to do Malware Detection	Sudhamsu G., Bhatt R., Jakka G., Jweeg M.J., Alfurhood B.S., Tripathi V.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	A Detailed Analysis for the Performance of Artificial Intelligence System in Voice Recognition and its Classifications	Naibaho L., Mishra R., Ritu Gautam D., Rajasekaran S.B., Amaresh Jha D., Gangodkar D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Investigation of Block Chains for Attaining Sustainable Society	Ramachandran K.K., Lamba F.L.R., Rawat R., Gehlot A., Raju A.M., Ponnusamy R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Utilizing Social Media Platforms for Artificial Intelligence-Based Detection and Developing Effective Communications in Disaster-Affected Areas	Waghmare G., Kumar S., Udhayakumar R., Raja Mannar B., Singh R., Rawat N.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Rabble Based Autonomous Assistance Using Machine Learning Algorithms	Sutariya K., Vishal Gupta M., Lal B., Rahim Alatba S., Sriramakrishnan G.V., Tripathi V.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	The ANN Method for Better Living's Method of using Artificial Neural Networks to Predict Heart Attacks Caused by Anxiety Disorders	Reddy A.R.P., Jweeg M.J., Das S., Kumar M.S., Pant K.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Empirical Assessment of Wireless Communication Technology Issues in the Smart Home	Arya R., Khanduja M., Rao M.S., Yadav R.R., Gehlot A., Gupta K.K.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	D2D Network: Implementation of Blockchain Based Equitable Cognitive Resource Sharing System	Khekhare G., Gambhir S., Abdulrahman I.S., Kumar C.M.S., Tripathi V.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Study on HGR by Using Machine Learning	Sharma A.K., Suresh Kumar A., Nagpal A., Singh R., Reddy D.V., Chadha A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	10	0	10	0	10

2023	Block chain Based Temperature and Interactive Control Strategy Implementations for Industry Applications	Islam S., Rani P.J., Sreeram A., Jweeg M.J., Kumarasamy M., Singh D.P.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Deep Learning-Based MIMO and NOMA Energy Conservation and Sum Data Rate Management System	Bhardwaj A., Raman R., Singh J., Pant K., Yamsani N., Yadav R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Wireless Sensor Networks Face Challenges and Issues Related to Security	Sulthana A.S.R., Mishra R., Singh R., Pant B., Bhojne S.S., Prasad C.R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Convolution Neural Networks for Clinical Image Segmentation with Evolutionary Compression	Ashiq V.M., Fredrik E.J.T., Vyas S., Shilpa N., Joshi K., Gupta S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Integration of Wireless Communications and Artificial Intelligence for Autonomous Vehicles for the Successful Communication to Achieve the Destination	Bhardwaj A., Pattnayak J., Prasad Gangodkar D., Rana A., Shilpa N., Tiwari P.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Recent Modelling of the Ownership Structures and It's Role in Corporate Performance of Company	Burkhonovich R., Saikia T., Mirzaev R.B., Widjaja G., Solomon Thangadurai J., Bhatt U.M.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Implementation of IOT on English Language Classroom Management	Yadav P.M., Patra I., Mittal V., Nagorao C.G., Udhayanila R., Saranya A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	A Technique Based on Ensemble Machine Learning for The Analysis of Electronic Nose Signals	Taneja A., Rajamani S.K., Shekhawat D., Chanti Y., Joshi K., Garg A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Stacked ensemble model for analyzing mental health disorder from social media data	Agarwal D., Singh V., Singh A.K., Madan P.	13807501	Multimedia Tools and Applications			0	0	0	0	0	0	0
2023	A New Method of Optical Spectrum Analysis for Advanced Wireless Communications	Raman R., Kumar R., Ghai S., Gehlot A., Raju A.M., Barve A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Intense Systematic Review of Mobile Agent Based Harmful Threats and Attack Detection Systems in IOT Networks	Vigenesh M., Ravivarman G., Singh P., Vaseem Akram S., Sharma D., Tiwari M.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	The Smart Handwritten Digits Recognition Using Machine Learning Algorithm	Mohamed N., Josphineleela R., Rakhamaji Madkar S., Vasantha Sena J., Alfurhood B.S., Pant B.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Integration of Artificial Intelligence in Software Defined Networking Technology through Developing Machine Learning Algorithms	Naibaho L., Saxena P.R., Sharma K., Alfurhood B.S., Pallavi L., Pant B.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	1	1	0	1
2023	Framework Towards Detection of Stress Level Through Classifying Physiological Signals Using Machine Learning	Ambika K.S.B., Goswami S., Pimplapure V., Jweeg M.J., Kant K., Gangodkar D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Mengers Authentication for efficient security system using Blockchain technology for Industrial IoT(IIOT) systems	Vekariya D., Rastogi A., Priyadarshini R., Patil M., Kumar M.S., Bhasker Pant		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Analysis of Machine Learning for Recognizing Hand Gestures	Kumar Sharma A., Kumar A.S., Nagpal A., Singh R., Reddy D., Chadha A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	1	0	1	0	1
2023	Medical Image Segmentation Using Deep Learning Techniques: Advancement and Challenges	Gopinath B., Vinay Kumar V., Kag H., Joshi K., Rajput A., Kapila D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Improved and Accurate Face Mask Detection Using Machine Learning in the Crowded Places	Nagaraju Naik M., Kaur A., Yathiraju N., Das S., Pant K.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	1	0	1	0	1
2023	A sizeable empirical investigation of bug attributes in Blockchain structures	Taneja A., Sankar M., Prakash R.V., Akram S.V., Praveena D., Pokhariya H.S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	IoT Implementation in Various Applications: A Detailed Review of Cyber Security Issues and Challenges	Lourens M., Gangodkar D., Tiwari M., Buddhi D., Dharamvir D., Kuchhal S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Blockchain-Internet of things-Machine Learning: Development of Traceable System for Multi Purposes	Kowsalya K., Rani R.P.J., Ritu, Bhiyana M., Saini M., Patil P.P.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0

2023	Thermal Images Captured and Classifier-based Fault Detection System for Electric Motors Through ML Based Model	Mohamed N., Baskaran N.K., Patil P.P., Alatba S.R., Aich S.C.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Data Mining Techniques for Content-Based Image Retrieval	Thakur J., Vansdadiya R.P., Joshi K., Singh D.P., Trivedi G., Manickam R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	A Detailed Review and Study of Implementation of Security System Design for Machine Learning-Based Software Systems: Issues And Challenges	Lourens M., Tripathi V., Alanya-Beltran J., Akram S.V., Bhaskar B., Firos A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	1	0	1	0	1
2023	Integration of Blockchain Technology in Health Care System: An Intensive Review	Pandey R., Khatri A., Premalatha G., Lakshmu Naidu M., Verma D., Shingadiya C.J.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Data Security System in Maintaining the Medical Records Using Wireless Network Cryptography Management Integrated with the Artificial Intelligence	Bhatt R., Salman H.M., Kaduskar V.P., Jakka G., Aich S.C., Verma D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Natural Language Processing in Solving Resource Constrained Project Scheduling Problems	Ghai S., Lakhanpal S., Ramola B., Ramesh R., Al-Taee M., Alazzam M.B.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	The Most Efficient and Accurate Face Mask Detection in Crowded Area using Machine Learning Algorithm	Josphineleela R., Vekariya V., Bharathidasan B., Alfurhood B.S., Kumar V.P., Tripathi V.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An Investigation Using Structural Equation Modelling on Customer Adoption of Internet of Things Assistance	Mir A., Sankar M., Kafila K., Akram S.V., Devi D.P., Barthwal S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	1	1	0	1
2023	Development of Smart Chabot in the Field of Trading using Smart Artificial Intelligence Informal Technology	Mohamed N., Ninoria S., Krishnan C., Babu Rajasekaran S., Alfurhood B.S., Singh D.P.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Implementation of Soft Computing Techniques in Fine-Tuning of TRM-Concrete Bond Strength Models	Prasannan D., Thenmozhi R.S., Ergashev M.M., Babu A.M., Oyebode O.J., Rawat R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Role of AI Algorithm Approaches for the Use of Weather Forecasting	Awasthi A., Bhardwaj S., Rajasekaran S., Panwar N., Gangodkar D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Smart security system using Hybrid System with IoT and Blockchain: A security system Human sased Detection	Singhal P., Sharma S., Saha S., Mishra I., Alfurhood B.S., Singh P.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	An investigation of the effects of the global epidemic on Crypto Currency returns and volatility	Johri S., Singh Sidhu K., Jafersadhiq A., Mannar B.R., Gehlot A., Goyal H.R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Integration of Machine Learning for an Induction Motor Health Monitoring by Image Capture and Classification Method	Reddy B.K., Gajjar R., Jweeg M.J., Umate R., Pant K., Mohanraj R.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	A WSN-Based, Intelligent Medical IoT Systems Integrating Computer Vision Platform	Singh C., Bhavani G.L., Maginmani U.H., Singh R., Kumar A.S., Rebelli S.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	3	0	3	0	3
2023	The Novel E-Way of Identifying the Face Mask and To Ware the System in the Crowd Management System	Kumar A., Gupta S., Yathiraju N., Bose Chakraborty S., Dodda K., Verma D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Implementation of Integration of Advanced Optimized Models With Block Chain Models	Jayalakshmi M., Singh P., Tanwar V.K., Rahim Alatba S., Mohanty S., Shingadiya C.J.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	0	0	0	0	0
2023	Dynamic Voltage Restorer to Mitigate Voltage Sag/Swell using Black Widow Optimization Technique with FOPID Controller	Goud B.S., Kumar M.K., Kumar N.A., Kalyan C.N.S., Bajaj M., Choudhury S., Shukla S.	2032944X	EAI Endorsed Transactions on Energy Web	10		0	0	0	0	0	0	0
2023	Heat transfer of MHD flow of hybrid nanofluid (SWCNT- MWCNT/C3H8O2) over a permeable surface with Cattaneo–Christov model	Gupta T., Kumar M., Yaseen M., Rawat S.K.	10407790	Numerical Heat Transfer, Part B: Fundamentals			0	0	0	0	0	0	0
2023	Global status, recent trends, and knowledge mapping of olive oil research and cardiovascular disease: 50 years of investigations through bibliometric analysis	Gargi B., Painuli S., Semwal P., Singh D.P., Sharma R., Rauf A., Khalil A.A., Khalid A., Hemeg H.A., Wilairatana P.	20487177	Food Science and Nutrition			0	0	0	0	0	0	0
2023	Sustainable Finance Factors in Indian Economy: Analysis on Policy of Climate Change and Energy Sector	Kumar R., Goel R., Singh T., Mohanty S.M., Gupta D., Alkhayyat A., Khanna R.	2194775	Fluctuation and Noise Letters			0	0	0	0	0	0	0

2023	A Comprehensive Examination of Phoneme Recognition in Automatic Speech Recognition Systems	Bhatt S., Bansal S., Kumar A., Pandey S.K., Ojha M.K., Singh K.U., Chakraborty S., Singh T., Swarup C.	7650019	Traitement du Signal	40	5	0	0	0	0	0	0	0
2023	An Investigation on Mechanical and Sliding Wear Properties of Titanium Oxide-Basalt Fiber-Based Hybrid PLA Composites Using Gray-Taguchi Approach	Kumar S., Gangil B., Ranakoti L., Bhandari P., Gupta D., Gupta M.K.	22502122	Journal of The Institution of Engineers (India): Series D			0	0	0	0	0	0	0
2023	Industry-Driven Approach for ANFIS-Based Intelligent Control Suspension System with MR Damper for Enhanced Ride Quality in Passenger Rail Vehicles for Technological Investigations	Sharma S.K., Sharma R.C., Lavania S., Palli S., Avesh M.	0250541X	National Academy Science Letters			0	0	0	0	0	0	0
2023	Electrochemical microfluidic chip composed of a cerium oxide-reduced graphene oxide nanocomposite screen printed carbon electrode (SPCE) for the determination of flunitrazepam	Garima, Kumar A., Sachdev A.	10739149	Instrumentation Science and Technology			0	0	0	0	0	0	0
2023	Ferromagnetic, Optical and Photoluminescence Behavior of Ni-Doped ZnO Thin Films	Suganya L., Balamurugan K.S., Sivakami A., Sakthivel P., Asthana N., Sundaresan B.	10225528	Topics in Catalysis			0	0	0	0	0	0	0
2023	Machine Learning and Cloud-based Mobile App for Real Time Skin Cancer Prediction	Kaushal R.K., Hemalakshmi G.R., Prakash N.B., Maruthai S., Gupta K.K., Natrayan L.		7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings			0	0	0	0	0	0	0
2023	Monitor and Control of Drug Preparation using Deep Q Neural Network	Irfan B.M., Hemalakshmi G.R., Prakash N.B., Kamalesh S., Pokhariyal R., Natrayan L.		7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings			0	0	0	0	0	0	0
2023	Intelligent Smart Home Automation System using Internet of Things	Nikitha M., Arulprakash P., Ayyannan M., Nithin M., Pokhariyal R., Maranan R.		7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings			0	0	0	0	0	0	0
2023	Enhancing Security for Online Transactions through Supervised Machine Learning and Block Chain Technology in Credit Card Fraud Detection	Raj A.T., Shobana J., Nassa V.K., Painuly S., Savaram M., Sridevi M.		7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings			0	0	0	0	0	0	0
2023	A Payment System for Electric Vehicles Charging and Peer-to-Peer Energy Trading	Kaushal R.K., Jain S., Shankar Rao R.G., Thirumalaimuthu B., Rawat R., Natrayan L.		7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings			0	0	0	0	0	0	0
2023	Advanced Blockchain Applications in Cryptocurrency and Various Sectors	Bhatt S., Sharma S., Bhadula S.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Sustainable Smart Society Development Based on Geo Sensitive Equality Using Vedic Structure, Artificial Intelligence, Blockchain and IoT	Sharma S., Tyagi R., Bhardwaj R.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	2	1	3	0	3
2023	Intelligent Control of PMSM-Driven Electric Vehicles Using Fuzzy Logic and Genetic Algorithm	Oubelaid A., Khosravi N., Taib N., Rekioua T., Rekioua D., Bajaj M., Ansari M.F., Barik R.K.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Management of Overcrowding of Tourists at 'Kainchi Dham Ashram' in Uttarakhand Through Sensor Technology	Arora S., Pargaien S., Khan F., Gambhir A., Khati K., Tewari I., Pargaien A.V., Sabharwal P.S., Misra A.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Topologies, Control, and Future Prospects of Hybrid Energy Storage Systems	Ihammouchen S., Ziane D., Oubelaid A., Rekioua T., Rekioua D., Bajaj M., Ansari M.F., Barik R.K.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence and Machine Learning on Human Gesture Interpretation	Arora S., Joshi M., Pargaien S., Misra A.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	The Role of Artificial Intelligence in Mentoring Students	Arora S., Tiwari S., Negi N., Pargaien S., Misra A.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence based Applications in Medical Tourism	Sharma S., Chauhan Y., Tyagi R.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	5	0	5	0	5
2023	Women Safety Precaution	Shrivastava A., Usha R., Kukreti R., Sharma G., Srivastava A.P., Khan A.K.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Smart Electricity System Enabled By AI	Senthilkumar K., Boina R., Singh S., Kumar Y., Rao A.K., Shrivastava A.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	IoT Based Monitoring System for Mushroom Farming and Supply Chain Management	Khan F., Khati K., Pargaien S., Arora S., Pargaien A.V., Nawaz A.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Parkinson's Disease Prediction Using Efficient Analysis of Machine Learning Algorithms	Bhadoria P., Khan M., Sharma S., Goyal H.R.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Phishing Website Detection Using Machine Learning	Shrivastava A., Raturi A., Sharma A., Rao A.L.N., Singh S., Sankhyan A.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Novel Optimization Techniques and Controllers for Power Quality Improvement	Goud B.S., Kalyan C.N.S., Krishna D., Reddy B.N., Bajaj M., Ansari M.F., Barik R.K.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	A Simple Translation System Using a Machine Learning Algorithm	Chinthamu N., Pundir S., Sharma A., Srivastava A., Kumar R., Shrivastava A.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0

2023	A New Three-Phase Multilevel Inverter for Electric Drive	Kerrouche F., Tazerart F., Taib N., Oubelaid A., Bajaj M., Ansari M.F., Barik R.K.		2023 1st International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2023			0	0	0	0	0	0	0
2023	Deep learning insights and methods for classifying wildlife	Thalor M.A., Nagabhyrava R., Rajkumar K., Chakraborty A., Singh R., Singh Aswal U.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	1	0	1	0	1
2023	Bio-extract-mediated microwave-assisted synthesis of Cr2O3 nanoparticles: Characterization, antibacterial, antioxidant, and photocatalytic activity evaluation	Ahmad W., Joshi A., Kumar S., Rana R., Arora A.	20598521	MRS Advances			0	0	0	0	0	0	0
2023	Multiyear stochastic wind generation investment planning with demand response in distribution system using improved water evaporation optimization	Sharma S., Rawat T., Niazi K.R., Sharma G.	15567249	Energy Sources, Part B: Economics, Planning and Policy	18	1	0	0	0	0	0	0	0
2023	Two-Step Method for Extracting Emotion Cause Pairs from Texts	Mutalikdesai R., Karibasappa K.G., Karibasappa K.	23673370	Lecture Notes in Networks and Systems	765		0	0	0	0	0	0	0
2023	Hydrothermal liquefaction of freshwater microalgae biomass using Fe3O4 nanoparticle as a catalyst	Rawat J., Jaiswal K.K., Das N., Kumar S., Gururani P., Bisht B., Vlaskin M.S., Nayak M., Kumar V.	15567036	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	4	0	0	0	0	0	0	0
2023	Mindfulness at Workplace and Employee Happiness	Tewari D., Kumar M., SenGupta S.	21987246	Springer Proceedings in Business and Economics			0	0	0	0	0	0	0
2023	An Empirical Study of the Impact of Organizational, Social, and Psychological Factors on the Performance of Employees	Singh K.K., Vats C., Singh M.P.	21987246	Springer Proceedings in Business and Economics			0	0	0	0	0	0	0
2023	Effect of Caesalpinia decapetala on the Dry Sliding Wear Behavior of Epoxy Composites	Biratu H., Gelaw M., Shahapurkar K., Chenrayan V., Soudagar M.E.M., Tirth V., Algahtani A., Al-Mughanam T.	16879422	International Journal of Polymer Science	2023		0	0	0	0	0	0	0
2023	Effect of bearing shell deformation and ER fluid behavior on two-lobed slot-entry hybrid journal bearing	Sahu K., Sharma S.C., Tomar A.K.	13506501	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology			0	0	0	0	0	0	0
2023	Power Quality Improvement Using TID based DVR Controller	Goud B.S., Krishna D., Bindu E.H., Kalyan C.N.S., Bajaj M., Choudhury S., Shukla S.	2032944X	EAI Endorsed Transactions on Energy Web	10		0	0	0	0	0	0	0
2023	Extraction, structural properties, and applications of gum tragacanth	Thakur R., Irom B.S., Mir M.B., Singha P., Devi Y.B., Das T., Ranjan R., Mishra P., Naik B., Kumar V., Gupta A.K.		Natural Gums: Extraction, Properties, and Applications			0	0	0	0	0	0	0
2023	An Efficient Approach for Recognition of Motor Imagery EEG Signals Using the Fourier Decomposition Method	Sharma N., Sharma M., Singhal A., Vyas R., Malik H., Hossaini M.A., Afthanorha A.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	An Efficient Security Solution for IoT and Cloud Security Using Lattice-Based Cryptography	Bagla P., Sharma R., Mishra A.K., Tripathi N., Dumka A., Pandey N.K.		2023 International Conference on Emerging Trends in Networks and Computer Communications, ETNCC 2023 - Proceedings			0	0	0	0	0	0	0
2023	Using machine learning principles, the classification method for face spoof detection in artificial neural networks	Saravanan P., Pandey A., Joshi K., Rondon R., Narasimharao J., Imran A.A.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	1	0	1	0	1
2023	Talent analytics and customer performance: insights from the Indian banking sector	Maitri, Singh S.	14606739	International Journal of Process Management and Benchmarking	15	4	0	0	0	0	0	0	0
2023	Anti-inflammatory activity of phytochemicals from medicinal plants and their nanoparticles: A review	Gonfa Y.H., Tessema F.B., Bachheti A., Rai N., Tadesse M.G., Nasser Singab A., Chaubey K.K., Bachheti R.K.	25902628	Current Research in Biotechnology	6		0	0	0	0	0	0	0
2023	Assessing risk and sustainability factors in spice supply chain management	Kumar V., Raj R., Verma P., Garza-Reyes J.A., Shah B.	19369735	Operations Management Research			0	0	0	1	1	0	1
2023	Rheology for Safe Swallowing 1	Nishinari K., Zhang K., Yang N., Gao Z., Gamonpilas C., Turcanu M., Peyron M.-A., Fang Y., Nitta Y., Yao X., Zhao M., Ishihara S., Nakauma M., Funami T., Kohyama K., Moritaka H., Yoshimura M., Takemasa M., Hori K., Matsuo K., Michiwaki Y., Zhang Y., Singh N., Meng A.G.S.	3871533	Nihon Reoroji Gakkaishi	51	4	0	0	0	1	1	0	1
2023	A review on the impact of physical, chemical, and novel treatments on the quality and microbial safety of fruits and vegetables	Saikumar A., Singh A., Dobhal A., Arora S., Junaid P.M., Badwaik L.S., Kumar S.	26627655	Systems Microbiology and Biomanufacturing			0	0	0	0	0	0	0
2023	Were the higher educational institutions (HEIs) in Oman ready to face pedagogical challenges during COVID-19?	Alexopoulos C., Al-Tamimi T.A.S., Saxena S.	19859899	Arab Gulf Journal of Scientific Research			0	0	0	0	0	0	0
2023	Assessment of the implications of energy-efficient technologies on the environmental sustainability of rail operation	Sharma S., Kandpal V., Choudhury T., Santibanez Gonzalez E.D.R., Agarwal N.	23720352	AIMS Environmental Science	10	5	0	0	0	0	0	0	0
2023	Performance Analysis of SnO2/CsSnGeI3/CuSCN perovskite solar cells using SCAPS 1D Simulator	Deepak K., Sharath Chandra Reddy G., Tiwari C.	17426588	Journal of Physics: Conference Series	2571	1	0	0	0	0	0	0	0

2023	A Pharmaceutical Paradigm for Cardiovascular Composite Risk Assessment Using Novel Radiogenomics Risk Predictors in Precision Explainable Artificial Intelligence Framework: Clinical Trial Tool	Saba L., Maindarkar M., Khanna N.N., Johri A.M., Mantella L., Laird J.R., Paraskevas K.I., Ruzsa Z., Kalra M.K., Fernandes J.F.E., Chaturvedi S., Nicolaides A., Rathore V., Singh N., Fouda M.M., Isenovic E.R., Al-Maini M., Viswanathan V., Suri J.S.	27686701	Frontiers in Bioscience - Landmark	28	10	0	0	0	0	0	0	0
2023	An optimized handwritten polynomial equations solver using an enhanced inception V4 model	Senthilkumar S., Brindha K., Chatterjee J.M., Popat A., Gupta L., Verma A.	13807501	Multimedia Tools and Applications			0	0	0	0	0	0	0
2023	Dynamic association of slope movements in the Uttarakhand Himalaya: a critical review on the landslide susceptibility assessment	Khali H., Rawat K.S., Chatterjee R.S.	19475705	Geomatics, Natural Hazards and Risk	14	1	0	0	1	0	1	0	1
2023	Multi Chaotic Flow Direction Algorithm for Feature Selection	Cheng W.-L., Pan L., Juhari M.R.B.M., Sharma A., Rahman H., Ang C.K., Tiang S.S., Lim W.H.	24359157	Proceedings of International Conference on Artificial Life and Robotics			0	0	0	0	0	0	0
2023	Real-Time Drowsiness Detection System Using Machine Learning	Kotiyal A., Kumar D.K.S., Prasad M.S.G., Manjunath S.R., Chandrappa S., Prabhu B.P.A.	18650929	Communications in Computer and Information Science	1920		0	0	0	0	0	0	0
2023	Sentiment Analysis of User-Generated Data Using CNN-BiLSTM Model	Rao M., Kumar A., Tyagi V.	18650929	Communications in Computer and Information Science	1920		0	0	0	0	0	0	0
2023	Cloud Computing Enabled Autonomous Forest Fire Surveillance System Using Internet-of-Things	Mehta K., Sharma S.	18650929	Communications in Computer and Information Science	1920		0	0	0	0	0	0	0
2023	Machine Learning-Powered Tool for Automated Healthcare Diagnosis	Nagar P., Singh H., Singh H., Bhati M., Tyagi V.	18650929	Communications in Computer and Information Science	1920		0	0	0	0	0	0	0
2023	Enhanced Prediction of Heart Disease Using Machine Learning and Deep Learning	Prasad M.S.G., Kumar D.K.S., Pratap M.S., Kiran J., Chandrappa S., Kotiyal A.	18650929	Communications in Computer and Information Science	1920		0	0	0	0	0	0	0
2023	Hate Speech Detection in Multi-social Media Using Deep Learning	Kumar A., Kumar S.	18650929	Communications in Computer and Information Science	1920		0	0	0	0	0	0	0
2023	Artificial Intelligence Based Optimized Traffic Diversion System in Smart Cities	Rawat K., Kapoor C., Goyal H.R., Sharma S.	18650929	Communications in Computer and Information Science	1921		0	0	0	0	0	0	0
2023	Evaluation of CNN Models for Accurate Classification of COVID-19, Pneumonia, Tuberculosis in Chest X-ray Images	Shivanshu, Bisht R., Mittal K., Guru Prasad M.S.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Plant Detection and Counting using Yolo based Technique	Kholiya D., Mishra A.K., Pandey N.K., Tripathi N.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Performance Analysis of CNN Models with Data Augmentation in Rice Diseases	Singh M.K., Singh P., Gupta V.K., Mishra K., Gupta A.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	1	0	1	0	1
2023	CNN and SVM-based Model for Effective Watermelon Disease Classification	Banerjee D., Kukreja V., Gupta A., Singh V., Brar T.P.S.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Fatigue behaviour of Kevlar/carbon/basalt fibre-reinforced SiC nanofiller particulate hybrid epoxy composite	Raja T., Mohanavel V., Velmurugan P., Seeniappan K., Singh D.P., Djearamane S., Tey L.-H., Wong L.S., Kayarohanam S., Obaid S.A., Alfarraj S., Sivakumar S.	16187229	E-Polymers	23	1	0	0	0	0	0	0	0
2023	An Optimized Transfer Learning and Deep Convolutional Neural Network Approach for Automated Breast Cancer Detection	Giri A., Chauhan A., Singh P.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Analysis and Design of Document Similarity Using BiLSTM and BERT	Gaur C., Kumar A., Das S.	18650929	Communications in Computer and Information Science	1921		0	0	0	0	0	0	0
2023	Exploring a Novel Methodologies for Beetroot Leaf Disease Severity Prediction: Federated Learning and CNN	Mehta S., Kukreja V., Sharma V., Manwal M.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Use of Self-Organizing Kohonen Maps for Quantization of Tomography Images	Mahesh Prasanna K., Selvan M., Deepa R., Suganthi D., Maheswari B.U., Madan P.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Determination of Hemoglobin Percentage Through K-Means Algorithm and Image Processing for White Blood Cell Diagnosis	Renukalatha S., Kumar J.S., Sangeetha A., Hema M., Kumar A., Rawat R.S.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Study of Speed Tracking of a PWM Inverter Based Induction Motor Drive	Sunori S.K., Bhakuni A.S., Mohan L., Juneja P.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Multi-Stage Classification of Pomegranate Anthracnose Disease Severity Levels with CNN and SVM	Thakur S., Malik D., Kukreja V., Sharma R., Yadav R., Joshi K.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Performance Analysis of Lightweight Virtualization for Environments with Edge Computing Based on NFV	Syamala M., Kaliappan S., Haripriya M.P., Aishwarya K.P., Venkatesh R., Raturi A.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Adaptive Security Management Model for Networks	Maguluri L.P., Jemi Gold P., Sudha S.R., Aishwarya K.P., Jayanthi L.S., Bohra N.S.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Control and Monitoring of a Quadcopter in Border Areas Using Embedded System	Natrayan L., Kaliappan S., Pundir S.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Design and Analysis of Optical Wireless Communication Systems	Kannan K., Jagadesan A., Karthika G., Pokhariya H.S., Kaliappan S., Kanimozhi K.V.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	A Novel Procedure for Recognising Human Activity Using Machine Learning	Singh N., Bhatt M.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0

2023	A Heterogeneous Network Model Based Analysis and Detection of RNA Enabling Convolutional Neural Network	Priyatharsini G.S., Aruna M., Myneni M.B., Kumar P.K., Anil Kumar D.B., Singh V.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Sentiment Analysis of News Headlines Based on Sentiment Lexicon and Deep Learning	Kaliappan S., Natrayan L., Rajput A.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Beyond the Basics: A Study of Advanced Techniques for Detecting and Preventing SQL Injection Attacks	Goyal A., Matta P.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Machine Learning Algorithms for Intrusion Detection Performance Evaluation and Comparative Analysis	Irfan B.M., Poornima V., Mohana Kumar S., Aswal U.S., Krishnamoorthy N., Maranan R.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	An Architecture-based Self-Typing Service for Cloud Native Applications	Mandalapu S.R., Sivamuni K., Chitra Devi D., Aswal U.S., Sherly S.I., Balaji N.A.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	New Deep Learning Models for Medical Imaging: Deep Belief Network, GAN, Autoencoder	Gupta R., Kumar Shukla S., Tripathi V.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Detection of Behavioral Patterns of Viral Hepatitis Using Data Mining	Shende V.G., Jency A., Pavithra K., Jayasudha T., Venkatesan G., Sharma M.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Analysis and Prediction of Wear Characteristics of Sustainable Metal Matrix Composites Using Machine Learning with Decision Making Algorithm	Agme V.N., Ashish, Pant R., Sridevi M., Suman A., Babu M.V.S.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Checking and Supervisory System for Calculation of Industrial Constraints using Embedded System	Kaliappan S., Natrayan L., Garg N.		Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023			0	0	0	0	0	0	0
2023	Agricultural Innovation: Federated Learning and CNNs in Guava Leaf Disease Classification	Thakur S., Kukreja V., Mehta S., Yadav R., Joshi K.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence Enabled Identification and Mapping of Criminals Using Live Footage on Google Maps	Mehra G.S., Sharma S., Agarwal P.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	1	0	1	0	1
2023	Tackling Agricultural Challenges of Red Globe Grapes Leaf Diseases: A Federated Learning CNN Approach	Jindal V., Kukreja V., Mehta S., Gupta A., Sharma M.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Dissecting Parsley Leaf Disease Severity: A Federated Learning and CNN Perspective	Vishalli, Kukreja V., Mehta S., Das P., Singh V.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Combining CNN and SVM for Accurate Identification of Ridge Gourd Leaf Diseases	Banerjee D., Kukreja V., Gupta A., Singh V., Pal Singh Brar T.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Hybridizing CNN and SVM for Precise Arhul Flower Disease Diagnosis and Classification	Banerjee D., Kukreja V., Yadav R., Joshi K., Singh A.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Adopting Federated Learning and CNN for Advanced Plant Pathology: A Case of Red Globe Grape Leaf Diseases Dissecting Severity	Jindal V., Kukreja V., Mehta S., Srivastava P., Garg N.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Emerging Paradigms: A Federated Learning CNN Approach for Tomato Leaf Disease Detection	Jindal V., Kukreja V., Mehta S., Manwal M., Joshi K.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Evolving Agritech: Implementing Federated Learning & CNN for Parsley Leaf Disease Detection	Jindal V., Kukreja V., Mehta S., Yadav R., Mohd N.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Live Memory Forensics Integrated Reinforcement Learning Model for Optimized Demand Forecasting in Autonomous Supply Chain Management System	Dangi S., Ghanshala K., Sharma S.		2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023			0	0	2	0	2	0	2
2023	Lotus Disease Diagnosis Using Combined CNN and SVM with Max Pooling and Convolutional Layers	Banerjee D., Kukreja V., Yadav R., Joshi K., Singh A.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	An intelligent recommendation system in e-commerce using ensemble learning	Shankar A., Perumal P., Subramanian M., Ramu N., Natesan D., Kulkarni V.R., Stephan T.	13807501	Multimedia Tools and Applications			0	0	0	0	0	0	0
2023	A Comparative Analysis of Supervised Machine Learning Models for Smart Intrusion Detection in IoT Network	Mittal S., Mishra A.K., Tripathi V., Singh P., Pandey P.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Mitigating the Impact of Guava Leaf Diseases Using CNNs and Federated Learning	Malik D., Kukreja V., Mehta S., Gupta A., Singh V.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Machine Vision Enabled Fall Detection System for Specially Abled People in Limited Visibility Environment	Sharma S., Singh V., Sarkar D.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Prediction of Parkinson's Disease Using Feature Optimization and Classification	Das P., Dobhal D.C.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	Effective Disease Detection in Bean Leaves Using Deep CNN and SVM Ensemble	Banerjee D., Kukreja V., Yadav R., Joshi K., Singh A.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	0	0	0	0	0
2023	SELF-DIFFUSIVE SPATIOTEMPORAL PATTERNS IN A FOOD CHAIN MODEL THROUGH WEAKLY NONLINEAR ANALYSIS	Shivam, Singh T., Kumar M., Hsieh S.-Y., Singh K.U.	0218348X	Fractals	31	9	0	0	0	0	0	0	0
2023	Solar thermal technologies for water treatment for drinking water	Saxena A., Singh D.B., Verma P., Tiwari G.N.		Resource Recovery in Drinking Water Treatment			0	0	1	0	1	0	1
2023	Role of microalgae as a sustainable alternative of biopolymers and its application in industries	Dimri R., Mall S., Sinha S., Joshi N.C., Bhatnagar P., Sharma R., Kumar V., Gururani P.	23481900	Plant Science Today	10		0	0	1	1	2	0	2

2023	Artificial Neural Network-Based Experimental Investigations for Sliding Mode Control of an Induction Motor in Power Steering Applications	Parimalasundar E., Senthilkumar R., Kumar B.H., Janardhan K., Singh A.R., Bajaj M., Bereznychenko V.	8848173	International Journal of Intelligent Systems	2023		0	0	0	0	0	0	0
2023	Machine Learning Models for Detecting Anomalies in Online Payment: A Comparative Analysis	Thapa D., Joshi A., Pandey N., Harbola A., Rawat V.		2023 International Conference on Network, Multimedia and Information Technology, NMITCON 2023			0	0	0	0	0	0	0
2023	Physiological and Al-based study of endophytes on medicina A mini review	Kunwar S., Joshi A., Gururani P., Pandey D., Pandey N.	23481900	Plant Science Today	10		0	0	0	0	0	0	0
2023	Role of Artificial Intelligence in Input Tax Credit Reconciliation	Kumar R., Malhotra R.K., Pandey S., Gehlot A., Gautam I., Chamola S.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Perception Sensors Based Fusion System and Method for Controlling Vehicle	Hasan D.S., Srinivasan D., Aswal U.S., Kumar Y., Rao A., Singh Y.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Controller Circuitry Design for a Voltage Dropping Type Power Factor Corrector	Manda R., Raut R.B., Rawat R.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence Based Air Quality Monitoring System with Modernized Environmental Safety of Sustainable Development	William P., Ramu G., Kansal L., Patil P.P., Alkhayyat A., Rao A.K.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	1	1	0	1
2023	Ultra Broadband Localization Method for Coal Mine Environments	Chohan D.K., Rawat R.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Battery Energy Management Systems in Active Distribution Network	Shrivastava A., Raturi A., Gupta H., Rao A., Singh S., Sankhyan A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Real-Time Battery Equalization Circuitry for Series Battery Packs with Inverse-Excitation Type Multi-directional DC-DC Converter	Pokhariya H.S., Kumar D., Hardas B.M.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Early Stage Skin Cancer Detection Using Image Processing	Rajulu L.G., Madan P., Varshney N., Yadav D., Set A.K., Thakur A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Control of A Virtual System with Hand Gestures	Shrivastava A., Pundir S., Sharma A., Srivastava A., Kumar R., Khan A.K.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Design and Simulation of Automatic Product Delivery Sorting Machine Depending on the Size	Shrivastava A., Pundir S., Sharma A., Srivastava A., Kumar R., Khan A.K.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	A Stock Market Trends Analysis of Google using Convolutional Neural Network based Techniques	Pal A., Kumar I., Bhatt C., Mohd N.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence in Current Education: Roles, Applications & Challenges	Bhatt C., Singh S., Chauhan R., Singh T., Uniyal A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	1	1	0	1
2023	Data Mining-based Classification Methods for Mental Health Prediction	Boina R., Sangeethapriya S., Pokhariya H.S., Sharma A., Rao A.L.N., Singh S.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Detection and Classification of Lung Tumors using Machine Learning Algorithms	Lanke G.R., Verma D., Kumar Y., Rao A.K., Singh V., Kumar A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	A Comparative Study in the Design of an ANN Based Controller	Haidari M., Sengeni D., Choudhury M., Hilda Jerlin C.M., Kumar K.R., Singh V.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Advancements in Speech Recognition Technology: A Cutting-Edge Tool for Improved Speech Analysis and Interaction	Shrivastava A., Raturi A., Sharma A., Rao A., Chinthamu N., Sankhyan A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Disease Prediction Using Random Forest Classifier by Machine Learning Application	Singh S., Mohd N., Shukla T., Sharma J., Chopra A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Cognition-Based Spectrum Sensing Techniques	Chaturvedi A., Bordoloi D., Gupta H., Rao A.L.N., Singh S., Sankhyan A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0

2023	Protocol-based Security Mechanism for Satellite Networks	Srivastava A.P., Pokhariya H.S., Shrivastava A., Kumar Y., Singh S., Ranjan A.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Framework for IOT Based Real-Time Monitoring System of Rainfall Water Level for Flood Prediction Using LSTM Network	William P., Oyebode O.J., Ramu G., Lakhanpal S., Gupta K.K., Al-Jawahry H.M.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Implementation of the Tapered Fiber Sensor, for Measuring Failures Induced by Vibration in Rotary Electric Motors Using the ANSYS Simulator	Nandankar P.V., Balaji M., Hemachandu P., Cheerla S., Pradhan M.K., Dabral A.P.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Online Monitoring Device for Mechanical Characteristics of High-Voltage Circuit Breakers	Garg A., Chamoli V.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Impulsive Noise Mitigation for Power Communication	Verma A., Rawat R.S.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Enhancing System Stability with FACTS Devices Using Deep Neural Network Algorithm	Shrivastava A., Pundir S., Sharma P.A., Pratap Srivastava A., Kumar R., Khan A.K.		Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023			0	0	0	0	0	0	0
2023	Introduction to Big Data Analytics	Arora N., Singh A., Shahare V., Datta G.	21976503	Studies in Big Data	137		0	0	0	0	0	0	0
2023	DELM: deep ensemble learning model for multiclass classification of superresolution leaf disease images	Kaur P., Singh M.P., Mishra A.M., Shankar A., Singh P., Diwakar M., Nayak S.R.	1300011X	Turkish Journal of Agriculture and Forestry	47	5	0	0	0	0	0	0	0
2023	Evaluation of different phytochemicals from Cannabis sativa against Myelin oligodendrocyte glycoprotein receptor	Roy A., Gupta A., Verma D.	9704078	Vegetos			0	0	0	1	1	0	1
2023	Cost Optimization and Reliability Parameter Extraction of a Complex Engineering System	Kumar A., Pant S., Ram M.	22295666	Journal of Reliability and Statistical Studies	16	1	0	0	1	0	1	0	1
2023	An RNN-Based Resource Allocation Strategy in Cloud Computing	Purohit N., Srivastava P., Pandey P.		2023 International Conference on IoT, Communication and Automation Technology, ICICAT 2023			0	0	0	0	0	0	0
2023	An Effective Cartoonifying of an Image using Machine Learning	Tomar S., Upadhyay N., Guru Prasad M.S., Divyashree N., Mamgain V., Ram M.		2023 IEEE 4th Annual Flagship India Council International Subsections Conference: Computational Intelligence and Learning Systems, INDISCON 2023			0	0	0	0	0	0	0
2023	Wavelet-Based Feature Extraction and RCNN for ECG Signal Classification	Singh R., Gangwar S., Bartwal S., Tomar V.		2023 International Conference on IoT, Communication and Automation Technology, ICICAT 2023			0	0	0	0	0	0	0
2023	Circuit-Specific and Technology-Independent Criterion for Selection of Power MOSFETs That Minimize Energy Dissipation	Joshi V., Jadli U., Pande P., Chaturvedi M., Haasmann D., Dimitrijev S.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	Short-Term Solar Irradiance Forecasting Using Deep Learning Techniques: A Comprehensive Case Study	Tajjour S., Chandel S.S., Alotaibi M.A., Malik H., Garcia Marquez F.P., Afthanorhan A.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	Reconnoitering the Essentials of Image and Video Processing: A Comprehensive Overview	Gupta A., Sayal A., Chaithra N., Jha J., Gupta V., Maheshwari H.		2023 International Conference on IoT, Communication and Automation Technology, ICICAT 2023			0	0	0	1	1	0	1
2023	Data-Driven Unified Scheme to Enhance the Stability of Solar Energy Integrated Power System in Real-Time	Shrivastava D.R., Siddiqui S.A., Verma K., Singh S., Alotaibi M.A., Malik H., Marquez F.P.G.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	Visual Sentiment Analysis Using Machine Learning for Entertainment Applications	Sayal A., Chaithra N., Jha J., Trilochan B., Kalyan G.V., Priya M.S., Gupta V., Memoria M., Gupta A.		2023 International Conference on IoT, Communication and Automation Technology, ICICAT 2023			0	0	0	1	1	0	1
2023	Computational Intelligence in Cell-Level Healthcare Application	Kumar M., Singh P., Taman O.A.E.-R., Kumar A., Singh K.		Applications of Computational Intelligence Techniques in Communications			0	0	0	0	0	0	0
2023	Efficient and Robust Digital Notch Filter Implementation Employing Wave Digital Structure	Sharma A., Gupta M.		Applications of Computational Intelligence Techniques in Communications			0	0	0	0	0	0	0
2023	A review approach on deep learning algorithms in computer vision	Joshi K., Kumar V., Anandaram H., Kumar R., Gupta A., Krishna K.H.		Intelligent Systems and Applications in Computer Vision			0	0	0	0	0	0	0
2023	Applications of Computational Intelligence Techniques in Communications	Gupta M., Verma P.K., Verma R., Upadhyay D.K.		Applications of Computational Intelligence Techniques in Communications			0	0	0	0	0	0	0
2023	IoT-Based Home Automation System Using ESP8266	Rawat J., Kumar I., Mohd N., Rana K.K.S., Pathak N., Gupta R.K.	23673370	Lecture Notes in Networks and Systems	703		0	0	0	0	0	0	0
2023	Security Techniques in Cyber Physical System for Pharmaceutical Care Services	Devliyal S., Goyal H.R., Sharma S.		Proceedings of IEEE InC4 2023 - 2023 IEEE International Conference on Contemporary Computing and Communications			0	0	0	0	0	0	0

2023	IoT Based Collision Avoidance System with the Case Study Using IR Sensor for Vehicles	Manasvi, Garg N., Thapliyal S.	23673370	Lecture Notes in Networks and Systems	719		0	0	0	0	0	0	0
2023	Analysis of Top Vulnerabilities in Security of Web-Based Applications	Rawat J., Kumar I., Mohd N., Maheshwari A., Sharma N.	23673370	Lecture Notes in Networks and Systems	703		0	0	0	0	0	0	0
2023	EcoWallet: A Design Intervention for Promoting Sustainability and Raising Awareness of Environmental Issues	Gupta I., Chandra S.	21903018	Smart Innovation, Systems and Technologies	342		0	0	0	0	0	0	0
2023	A Differential Geometry Perspective to Study Power and Harmonics in Three-Phase Circuits	Sundriyal N., Ramirez J.M., Saini P.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	MSViT: A video anomaly detection for real time unconstrained environment	Roka S., Diwakar M.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Online Shows Recommendations using Machine Learning in Big Data Environment	Pandey N.K., Singh N., Kumar K., Baruah S.S., Diwakar M., Mishra A.K.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Analytical Voltage Sag and Swell Characterization Using Differential Geometry	Sundriyal N., Ramirez J.M., Saini P., Dixit A.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	1	1	0	1
2023	Performance Evaluation of Various Z-Source Inverter Topologies for PV Applications Using AI-Based MPPT Techniques	Kalaiarasi N., Sivapriya A., Vishnuram P., Pushkarna M., Bajaj M., Kotb H., Alphonse S.	20507038	International Transactions on Electrical Energy Systems	2023		0	0	1	0	1	0	1
2023	An Autoencoder-based Efficient Scheme for DDoS Detection	Shrivastav U., Kumar M., Kumar S.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Use of sustainable cooling/lubrication strategies in improving the tribological and machining characteristics of gun metal	Danish M., Gupta M.K., Garcia-Collado A.	9544062	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science			0	0	1	0	1	0	1
2023	Spectral Efficiency Evaluation of Selection Combiner under Nakagami-m fading channels using different Adaptive Transmission Techniques-A Review	Shrivastav S., Singh Panwar S., Hasan M.I., Chauhan A., Singh S.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	A Comparative Study of Hybrid Deep Sentimental Analysis Learning Techniques with CNN and SVM	Juyal P., Kundaliya A.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	Enhancing Phishing Website Detection Using Particle Swarm Optimization and Feature Selection Techniques	Singh T., Kumar M., Kumar S.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	Exploring Stock Price Prediction Techniques: A Systematic Review and Empirical Study of Pattern Recognition and Hybrid Approaches	Garg A., Ghanshala K.K., Sharma S., Bathla D.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Detection of Leaf Diseases in Agricultural Plants Using Machine Learning	Kholiya D., Mishra A.K., Dumka A., Pandey N.K., Tripathi N.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Smart Employee Healthcare Monitoring Recognition of Trust-Based Security System	Boina R., Dani R., Kumar R., Srivastava A., Singh V., Khan A.K.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	IoT based automated mosquito based disease Detection	Dumka A., Verma P., Ashok A., Chaudhari V.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Lung Cancer Detection Using VGG16 and CNN	Kapoor V., Mittal A., Garg S., Diwakar M., Mishra A.K., Singh P.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	Potato Leaf Disease Detection Using Deep Learning	Samant D., Dhawan R., Mishra A.K., Bora V., Diwakar M., Singh P.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	Revealing Multiple Lung Condition Using Deep Neural Network Models from X-RAY Images	Jain H., Kumar I., Jain K., Porwal I.N., Singh T., Mohd N.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	Bioinspired Sensory Gating in the Artificial Vision System	Srivastava A.P., Madan P., Sharma G., Shrivastava A., Singh Y., Salim M.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	Deep Learning Enabled Computational Design and Analysis of Effective Ligands Targeting Estrogen Receptor Beta (ER β) in Breast Cancer Diagnosis	Goswami S., Sharma S.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	1	0	1	0	1
2023	SRDRN-IR: A Super Resolution Deep Residual Neural Network for IR Images	Singh K.S., Diwakar M., Mishra A.K., Singh P., Yamsani N.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0
2023	An Improved Designing of Neuroprosthetics Arm Using LDA	Singh A., Purohit K.C., Kumar M.A., Sharma S.		Proceedings - 2023 IEEE World Conference on Applied Intelligence and Computing, AIC 2023			0	0	0	0	0	0	0

2023	Optical Biosensor for Early Diagnosis of Cancer	Gupta J., Agrawal T., Singh P., Diwakar M.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Multilingual Obnoxious Message Classification using Bidirectional Encoder Representation from Transformers (BERT)	Banka N., Narang S., Gupta M., Sharma A., Upadhyay D.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	A Novel Approach of Machine Learning Application in Astrophysics: Morphological Feature Wrapping Based Ensemble Method for Galaxy Shape Classification Using GAMA Dataset	Sinha A., Shahid M., Nandan A., Iwendi C., Giri A.K., Anand S.	23673370	Lecture Notes in Networks and Systems	735		0	0	0	0	0	0	0
2023	Spectral Efficiency of Different Diversity Combiners Under Log-Normal Shadowing Channels- A Review	Mandal R., Sharma S., Hasan M.I., Chauhan A., Singh S.		2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023			0	0	0	0	0	0	0
2023	Genome Sequence Identification Using Neural Network for Breast Cancer Diagnosis	Gupta A., Sharma S.		2023 3rd Asian Conference on Innovation in Technology, ASIANCON 2023			0	0	2	0	2	0	2
2023	Lung Conditions Prognosis Using CNN Model	Jain H., Kumar I., Porwal I.N., Jain K., Kunwar K., Kumar L., Mohd N.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Stock Trend Prediction Using Candlestick Pattern	Bathla D., Garg A., Sarika	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Sunlight-based Framework: An Approach for Energy Efficiency in IoT Systems	Matta P., Kukreti S., Malhotra S.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Do Trust and Quality Dimensions of Open Government Data (OGD) Impact Knowledge Sharing (KS)?: Gender Differences	Alexopoulos C., Saxena S., Rizun N.	18650929	Communications in Computer and Information Science	1888		0	0	0	0	0	0	0
2023	Analysis of Pulmonary Fibrosis Progression Using Machine Learning Approaches	Agarwal S., Gupta A., Gupta V.K., Shukla A., Sardana A., Pandey P.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Exploring Textural Behavior of Novel Coronavirus (SARS–CoV-2) Through UV Microscope Images	Shakya A.K., Ramola A., Vidyarthi A.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Fake Image Dataset Generation of Sign Language Using GAN	Kukreti A., Garg A., Goyal I., Bathla D.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Comparative Analysis of Web Application Based Encryption Methods	Singh Y., Singh S., Kandpal S., Bhatt C., dhondiyal S.A., Prakash S.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Cloud-Based Occlusion Aware Intrusion Detection System	Sharma D., Tiwari D., Singh V., Pandey P., Gupta V.K.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Quad Clustering Analysis and Energy Efficiency Evaluation in Wireless Sensor Networks	Kumar B., Kumar S., Negi H.S., Kumar A.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Body Sensor Networking: A Case Study of Heart Pulse Detection and Alert System	Nandan K., Tuteja A., Matta P.	18761100	Lecture Notes in Electrical Engineering	1073		0	0	0	0	0	0	0
2023	Blockchain Enabled Marksheets and Degree Certificates	Christa S., Mittal T.		14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-		0	0	0	0	0	0	0
2023	Dielectric and Electromagnetic Interference Shielding Analysis of Conducting Composites	Pandey A., Pandey P., Rathi V., Prasad B., Mishra V.		14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-		0	0	0	0	0	0	0
2023	Detecting Changes in Land Use and Land Cover using GIS and Remote Sensing Methods in Pauri District of Uttarakhand State, India	Air P., Pokhariya H.S.		14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-		0	0	0	0	0	0	0
2023	Polymer Conducting Nanocomposite Film to Improve Electromagnetic Compatibility of Electronic Devices	Rathi V., Prasad B., Mishra V., Pokhariya H.S., Pal H.		14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-		0	0	0	0	0	0	0
2023	Multi to binary class size based imbalance handling technique in wireless sensor networks	Singh N., Virmani D., Dhiman G., Vimal S.	14757435	International Journal of Nanotechnology	20	5-10	0	0	0	0	0	0	0
2023	Investigating the Effect of Urbanization on Environmental Quality Using RS and GIS	Pokhariya H.S., Singh D.P., Prakash R.		14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-		0	0	0	0	0	0	0
2023	Digital supply chain management: A comprehensive review using cluster analysis, with future directions and open challenges	Shah J.K., Sharma M., Joshi S.	23831359	International Journal of Supply and Operations Management	10	3	0	0	0	0	0	0	0
2023	Categorizing and Understanding the Evolution of Literature on ESG Investments: A Bibliometric Analysis	Tiwari R., Sharma N., Sharma N.K.	9722629	Vision			0	0	0	0	0	0	0
2023	Green Synthesis of Silver Nanoparticles Generated by the Photoionization Process for Anti-biofilm Application	Vamshi B.S., Sharma V., Ahmad W., Kumar V., Sharma S., Joshi N.C., Hussain A., Kohli D., Shabaaz Begum J.P., Kumar S.	1011372X	Catalysis Letters			0	0	0	1	1	0	1
2023	APO-AN feature selection based Glorot Init Optimal TransCNN landslide detection from multi source satellite imagery	Kumar A., Misra R., Singh T.N., Dhiman G.	13807501	Multimedia Tools and Applications			0	0	0	0	0	0	0
2023	Identification of Location for Police Headquarters to Deal with Crime Against Women in India Using Clustering Based on K-Means Algorithm	Indu R., Dimri S.C., Kumar B.	2210142X	International Journal of Computing and Digital Systems	14	1	0	0	0	0	0	0	0
2023	Sustainable Global Democratic e-Governance System Using Vedic Scripture, Artificial Intelligence, Cloud Computing and Augmented Reality	Sharma S., Kadayat Y., Tyagi R.		Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023			0	0	4	0	4	0	4
2023	Efficient integration of big data with blockchain: Challenges, opportunity and future	Saraswat H., Jasola S., Manchanda M.	26305046	Journal of Autonomous Intelligence	6	3	0	0	0	0	0	0	0

2023	Secured Smart Personalized Health Analytics System Using Social Media Applications	Tikkha R., Sharma S.		Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023			0	0	0	0	0	0	0
2023	Global trends, research progress and knowledge mapping of plant–pollinator interactions through bibliometric analysis (1984 to 2023)	Singh P., Gargi B., Semwal P., Tripathi V.	14888386	Biodiversity	24	4	0	0	0	0	0	0	0
2023	Use of biogenic silver nanoparticles on the cathode to improve bioelectricity production in microbial fuel cells	Elkhrachy I., Singh V., Kumar A., Roy A., Abbas M., Gacem A., Alam M.W., Yadav K.K., Verma D., Jeon B.-H., Park H.-K.	22962646	Frontiers in Chemistry	11		0	0	0	0	0	0	0
2023	Experimental analysis of passivity-based control theory for permanent magnet synchronous motor drive fed by grid power	Belkhier Y., Abdelyazid A., Oubelaid A., Khosravi N., Bajaj M., Vishnuram P., Zaitsev I.	17518644	IET Control Theory and Applications			0	0	1	1	2	0	2
2023	Shape factor analysis in stagnation point flow of Casson nanofluid over a stretching/shrinking sheet using Cattaneo–Christov model	Upreti H., Mishra S.R., Pandey A.K., Bartwal P.	10407790	Numerical Heat Transfer, Part B: Fundamentals			0	0	0	1	1	0	1
2023	Role of Artificial Intelligence in Digital Currency and Future Applications	Kumar R., Khanna R.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence Integrated Biomedical Implants System Developments in Healthcare	Mohamed N., Singh Solanki M., Praveena H.D., Princy A., Das S., Verma D.		2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023			0	0	1	0	1	0	1
2023	Optimized Control System Design for Car Suspension System using Simulated Annealing	Sunori S.K., Manu M., Budhani S.K., Juneja P.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Development of an Automobile Hardware-inthe-Loop Test System with CAN Communication	Naithani D., Khandelwal R.R., Garg N.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	1	0	1	0	1
2023	Design and Development of Embedded Controller with Wireless Sensor for Power Monitoring through Smart Interface Design Models	Ramesh S.M., Rajeshkannan S., Pundir S., Dhaliwal N., Mishra S., Saravana B.S.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Non-Volatile Random Access Memory based on Memristors: Design and Analysis	Chaudhary P., Hasamnis M.A., Rai Goyal H.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Recognition of Brain Tumors using Convolutional Neural Networks	Gaddam S., Sudhakar K.N., Francis Britto C., Roopa H., Dani R., Keshav Kumar K.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Improving the Performance of the Electric Vehicle Suspension System Using Sliding Mode Controller and PID Controller	Ahmed A.A., Ramadhan H.F.A., Emheisen M., Nassar Y.F., Oubelaid A., Bajaj M., Saini P., Choudhury S.		2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023			0	0	1	0	1	0	1
2023	Power Quality Enhancement in PV integrated System Using GSA-FOPID CC-VSI Controller	Goud B.S., Kalyan C.H.N.S., Krishna D., Reddy B.N., Bajaj M., Choudhury S., Shukla S.	20329407	EAI Endorsed Transactions on Scalable Information Systems	10	6	0	0	0	0	0	0	0
2023	Artificial Intelligence based Performance Models to Support Hydrologic Rainfall Conditions using Ensembling Approach	William P., Yadav M.G., Lakhanpal S., Shrivastava A., Rawat K.S., Chaudhary S.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	1	1	0	1
2023	RPA (Robotic Process Automation) in Finance & Accounting and Future Scope	Kumar R., Khanna R.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Attack Detection and Mitigation in IoT using SVM	Srivastava A., Tiwari S., Saini P.K., Sawan V., Dhondiyal S.A.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	K-Means and FCM Clustering of Biological Oxygen Demand of Water	Sunori S.K., Bhakuni Negi P., Joshi N.C., Juneja P.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Multi-Electrical Level Inverter Fault Diagnosis Strategy using Relevance Vector Machine and Pivot Analysis	Pundir S., Kaur N.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	A CNN Approach to Detect Parkinson's Disease using T1-Weighted, T2-Weighted, and Flair MRI	Dhiman N., Singh R., Chauhan A., Bi A.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	Two-way Robust Authentication Method to Prevent Shoulder Surfing Attack	Goyal A., Matta P.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	0	0	0	0	0
2023	IOT-Powered Crop Shield System for Surveillance and Auto Transversum	Rao K.V.G., Kumar M.K., Goud B.S., Krishna D., Bajaj M., Saini P., Choudhury S.		2023 IEEE 3rd International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2023			0	0	0	0	0	0	0

2023	Millimeter-wave open resonator-based dielectric characterization of printed circuit boards	Bisht C., Dey U.		2nd International Conference on Wireless, Antenna and Microwave Symposium, WAMS 2023			0	0	0	0	0	0	0
2023	Signature reliability analysis of complex consecutive k-out-of-n:W CMO system via UGF and SFA	Naaz S., Khanna R., Rawat R., Negi N., Ram M., Kumar A., Kumar A.	1748006X	Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability			0	0	0	0	0	0	0
2023	Genetically Modified Microbes in E-waste Management: A Perspective	Preeti, Raj A., Joshi N., Rawat J.M., Tapas S., Pattnaik B., Rawat B.		Microbial Technology for Sustainable E-waste Management			0	0	0	0	0	0	0
2023	Aspects of Bioabsorbable Polymeric Composites in Biomedical Applications	Prasad A., Shaikh A., De S., Kumar R., Sonika, Srivastava M.K.		Sustainable Smart Manufacturing Processes in Industry 4.0			0	0	0	0	0	0	0
2023	Infodemic Management in India: A Social Media Perspective	Bajaj R., Maitri M., Gupta S.		Pandemics in the Age of Social Media: Information and Misinformation in Developing Nations			0	0	0	0	0	0	0
2023	The Impact of Emotional Contagion on Managerial Efficiency: IIOT as a Moderator	Singh T., Upadhyay R., Akhtar A.		Industry 4.0 and the Digital Transformation of International Business			0	0	0	0	0	0	0
2023	E-waste and Its Management by Using Algae	Shabaaz Begum J.P., Ngangom L., Venugopal D., Rawat B., Rawat J.M.		Microbial Technology for Sustainable E-waste Management			0	0	0	0	0	0	0
2023	A Summary of the Role of Microorganisms in Waste Management	Pant R., Gupta A., Singh A., Srivastava S., Patrick N.		Microbial Technology for Sustainable E-waste Management			0	0	0	1	1	0	1
2023	Importance of Microorganisms in Metal Recovery from E-waste	Chaudhary P., Pant M., Sinha S., Pant K.		Microbial Technology for Sustainable E-waste Management			0	0	0	0	0	0	0
2023	Association of Algae to Water Pollution and Waste Water Treatment	Pant R., Gupta A., Srivastava S., Singh A., Patrick N.		Microbial Technology for Sustainable E-waste Management			0	0	0	0	0	0	0
2023	Bioleaching for Heavy Metal Extraction from E-waste: A Sustainable Approach	Godbole V., Kukrety S., Gautam P., Bisht M., Pal M.K.		Microbial Technology for Sustainable E-waste Management			0	0	0	0	0	0	0
2023	Hybrid Temperature and Humidity Monitoring System using IoT for Smart Garden	William P., Ramu G., Gupta L.R., Sing P., Shrivastava A., Srivastava A.P.		Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023			0	0	1	1	2	0	2
2023	Artificial Intelligence based Models to Support Water Quality Prediction using Machine Learning Approach	William P., Oyebode O.J., Ramu G., Gupta M., Bordoloi D., Shrivastava A.		Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023			0	0	1	1	2	0	2
2023	Irreversibility and heat transfer analysis in MHD Darcy-Forchheimer flow of Casson hybrid nanofluid flow through cone and wedge	Jayavel P., Upreti H., Tripathi D., Pandey A.K.	10407782	Numerical Heat Transfer; Part A: Applications			0	0	2	1	3	0	3
2023	Software Reliability Analysis with Various Metrics using Ensembling Machine Learning Approach	William P., Singh S., Kumar Y., Rao A.K., Khan A.K., Singh D.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	1	1	2	0	2
2023	Artificial Intelligence Based Models to Support Water Quality Prediction using Machine Learning Approach	William P., Chaturvedi A., Yadav M.G., Lakhanpal S., Garg N., Shrivastava A.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	2	0	2	0	2
2023	Urban waste water management paradigm evolution: Decentralization, resource recovery, and water reclamation and reuse	Varma V.K.C., Rathinam R., Suresh V., Naveen S., Satishkumar P., Abdulrahman I.S., Salman H.M., Singh P., Kumar J.A.	10881913	Environmental Quality Management			0	0	0	0	0	0	0
2023	Text generative artificial intelligence tools for clinical applications: scope and concerns	Singh A.V., Singh A.	211265	Irish Journal of Medical Science			0	0	0	0	0	0	0
2023	An Ensemble-Based Machine Learning-Envisioned Intrusion Detection in Industry 5.0-Driven Healthcare Applications	Wazid M., Singh J., Das A.K., Rodrigues J.J.P.C.	983063	IEEE Transactions on Consumer Electronics			0	0	0	0	0	0	0
2023	Enhanced Filtering Techniques for an Advanced Fingerprint Recognition System	Kumar G., Sharma A., Kumar A., Singh K.U., Singh T., Choudhury T.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	HaarCascade and LBPH Algorithms in Face Recognition Analysis	Gupta M., Bisht K., Sharma A., Upadhyay D.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Exploring Advanced Deep Learning Techniques for Reliable Weather Forecasting	Kumar A., Siddhi P., Singh K.U., Singh T., Yadav D.P., Choudhury T.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Biochar from Delonix regia pod: consideration of an updraft retort carbonisation process	Ighalo J.O., Adeniyi A.G., Ogunniyi S., Adeyanju C.A., Saliu O.D., Igwegbe C.A., Dulta K.	17597269	Biofuels			0	0	1	0	1	0	1
2023	Comparative Analysis of Face Emotion Detection based on Deep Learning Techniques	Balla S., Guru Prasad M.S., Balla S., Madhu Krishna K., Kiran J., Ram M.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Edge Computing based Traffic Control Management for Distributed Environment	William P., Rajani D., Gupta M., Taluja R., Alawadi A.H.R., Yadav D.K.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	1	1	2	0	2
2023	Secure Blockchain-based Framework for Smart City Applications	Naudiyal M., Thapliyal S., Rana V.C., Dhiman M., Malik A., Mishra A.K., Wazid M., Singh D.P.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Blockchain technologies in healthcare social media computing: Trends and opportunities	Shukla S.K., Singh D.P., Pant B.		Blockchain Technology for Secure Social Media Computing			0	0	0	0	0	0	0
2023	Cyber Attack Risk Estimation Technique in Intelligent Cyber Physical System for Pharmaceutical Care Services	Devliyal S., Goyal H.R., Sharma S.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Distracted Driver Detection and Driver Rating System using Deep Learning	Gusain A., Rawat A.S., Lalit, Bohra M., Kumar I., Singh T.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Design of an Efficient Entropy-based DDoS Attacks Detection Scheme in Software Defined Networking	Rawat S.G., Pundir S., Wazid M., Singh D.P., Pundir S.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0

2023	A Robust Approach for Malware Attacks Detection in the Internet of Things Communications	Negi C., Mishra A.K., Verma A., Ganguli Z., Thapliyal S., Wazid M., Singh D.P.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Predictive Model for M-Health (Cardiovascular Diseases) using ML Application	Yadav O., Dangi Y., Mohd N., Kumar I.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Improve the Network Security during the Implementation of IoT Application Using Data Encryption and Trustworthy Network	Tripathi N., Mishra A.K., Vaqur M., Sharma S., Pandey N.K.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Routing Techniques in Body Sensor Network System for Healthcare: Applications, Challenges, and Research Trends	Pandey C., Sharma S., Matta P.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	Health Care Prediction for Various Diseases using Computational Intelligence Approaches: A Review	Mishra S.K., Gupta A., Tomar A., Gupta V.K.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	1	0	1	0	1
2023	A Comparative Evaluation and Analysis of Machine Learning Approaches for Predicting Breast Cancer	Pandey S.K., Sharma B.K., Kumar A., Singh K.U., Singh T., Choudhury T.		2023 World Conference on Communication and Computing, WCONF 2023			0	0	0	0	0	0	0
2023	A chaos-based adaptive equilibrium optimizer algorithm for solving global optimization problems	Liu Y., Ding H., Wang Z., Jin G., Li B., Yang Z., Dhiman G.	15471063	Mathematical Biosciences and Engineering	20	9	0	0	0	0	0	0	0
2023	Doses from inhalation of radon and thoron for residents in tectonically active region in central Indian Himalaya	Prasad G., Kimothi S., Chandra S., Omori Y., Sahoo S.K., Ishikawa T., Tokonami S., Ramola R.C.	2365731	Journal of Radioanalytical and Nuclear Chemistry			0	0	0	1	1	0	1
2023	Node Multi-Attribute Network Community Healthcare Detection Based on Graphical Matrix Factorization	Alferaidi A., Yadav K., Yasmeen S., Alharbi Y., Viriyasitavat W., Dhiman G., Kaur A.	2181266	Journal of Circuits, Systems and Computers			0	0	0	0	0	0	0
2023	MANET Congestion Control Mechanism - Challenges and Survey	Hemalatha S., Patel N., Jain N.K., Kumar A., Kaulage A.N., Mishra A.K.	23218169	International Journal on Recent and Innovation Trends in Computing and Communication	11	7	0	0	0	0	0	0	0
2023	A Study on Cyber Security and its Challenges in India	Juyal T., Thapliyal S., Garg N., Singh D.	23673370	Lecture Notes in Networks and Systems	720		0	0	0	0	0	0	0
2023	Application and Issues of Blockchain Technology	Dhami A., Pareek P.S., Maurya S., Matta P., Rawat V., Manu M.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	Automated Virtual Character Detection System from Live Video Streaming using Deep CNN	Singh Rautela N., Chauhan A., Khetwal D., Parihar P., Singh A., Singh P.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	A Comparative Analysis of Plane and Corrugated Designs of Soft Pneumatic Actuators Based on Finite Element Method	Gariya N., Kumar P.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2023	Smart Parking Allocation Using Raspberry Pi based IoT System	Arora S., Pargaien S., Khan F., Misra A., Gambhir A., Verma D.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	Application of WG-CNN Neural Network Approach Based on Early Flood Detection using Satellite Images	Mishra N., Monica C.L., Malayil S., Ravichandran T., Nishant N., Shilpa N.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	Emotion Detection from Text: Classification and Prediction of Moods in Real-Time Streaming Text	Juyal P., Kundalya A.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	Detection and Prognosis of Cancer Using State-of-the-Art Technologies: Review, Issues, and Motivation	Rawat V., Singh D.P., Singh N., Kumar S.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	An Optimized DDoS Attack Detection Using Deep Convolutional Generative Adversarial Networks	Akana C.M.V.S., Kumar A., Tiwari M., Yunus A.Z., Vijayakumar E., Singh M.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	Estimation of Tropical Cyclone Intensity from Satellite Data Using Self Attentive - TCNN-BiGRU Approach	Suthar T., Shah T., Pokhariya H.S., Ranichandra S., Kalpana V., Yuvaraj K.P.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	INSIGHTS INTO THE STATE OF PAIN MANAGEMENT RESEARCH: A BIBLIOMETRIC ANALYSIS	Abdullah K.H., Hadi H.R.A., Roslan M.F., Ishak N.S., Dani R.	16750306	Malaysian Journal of Public Health Medicine	23	2	0	0	0	0	0	0	0
2023	Single Variable and Multivariable Control of Various Parameters in a Paper Mill -A Review	Belwal N., Juneja P.K., Jethi G.S.		Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023			0	0	0	0	0	0	0
2023	Kodo Millet (Paspalum scrobiculatum): Bioactive Profile, Health Benefits and Techno- Functionality	Ranjan R., Singh S., Dhua S., Mishra P., Chauhan A.K., Gupta A.K.		Nutri-Cereals: Nutraceutical and Techno-Functional Potential			0	0	0	0	0	0	0
2023	Sorghum (Sorghum bicolor): Phytochemical Composition, Bio- Functional, and Technological Characteristics	Rather M.A., Thakur R., Hoque M., Das R.S., Lima Miki K.S., Teixeira-Costa B.E., Mishra P., Gupta A.K.		Nutri-Cereals: Nutraceutical and Techno-Functional Potential			0	0	0	0	0	0	0
2023	Open Government Data in Educational Programs Curriculum: Current State and Prospects	Papageorgiou G., Loukis E., Pappas G., Rizun N., Saxena S., Charalabidis Y., Alexopoulos C.	18651348	Lecture Notes in Business Information Processing	493		0	0	0	0	0	0	0
2023	Analyzing Open Government High Value Datasets: Availability, Publishers' Contribution and Technical Specifications	Maratsi M.I., Ali M., Alexopoulos C., Saxena S., Rizun N., Charalabidis Y.	18651348	Lecture Notes in Business Information Processing	493		0	0	0	0	0	0	0

2023	ChatGPT Application vis-a-vis Open Government Data (OGD): Capabilities, Public Values, Issues and a Research Agenda	Loukis E., Saxena S., Rizun N., Maratsi M.I., Ali M., Alexopoulos C.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	14130		0	0	0	0	0	0	0
2023	Weakly Supervised Learning Model for Clustering and Segmentation of 3D Point on Cloud Shape Data	Athawale S.V., Soni M., Murthy K., Dhiman G., Singh P.P.	23673370	Lecture Notes in Networks and Systems	699		0	0	0	0	0	0	0
2023	Bidirectional Attention Mechanism-Based Deep Learning Model for Text Classification Under Natural Language Processing	Pande S.D., Kumaresan T., Lanke G.R., Degadwala S., Dhiman G., Soni M.	23673370	Lecture Notes in Networks and Systems	699		0	0	0	0	0	0	0
2023	Performance Analysis of NiO/Ch3Nh3GeI3/SnO2 Perovskite Solar Cell Using SCAPS 1D	Tiwari C., Mishra V.	26623161	Springer Proceedings in Materials	28		0	0	0	0	0	0	0
2023	Enhanced remediation of polyaromatic hydrocarbon using agro-industrial waste for biofuel production and environmental pollution mitigation	Das A.J., Banerjee A., Tyagi A., Jana A., Bhaskar T., Ghosh D.	9441344	Environmental Science and Pollution Research			0	0	0	0	0	0	0
2023	Effect of SAW electrode wire preheating current on its melting rate and weldment properties of HSLA steel joint	Singh S., Kumar M., Singh J., Meena M.L., Dangayach G.S., Shukla D.K., Khandelwal C., Kumar H.	2374068X	Advances in Materials and Processing Technologies			0	0	0	0	0	0	0
2023	Role of Deep Learning in a Secure Telemedicine System with a Case Study of Heart Disease Prediction	Singh D., Thapliyal S., Wazid M., Singh D.P.	21903018	Smart Innovation, Systems and Technologies	361		0	0	0	0	0	0	0
2023	The development of a deep learning system for the detection of diabetic retinopathy	Singh D., Dobhal D.C.	20413165	Mathematics in Engineering, Science and Aerospace	14	3	0	0	0	0	0	0	0
2023	Design and Analysis of Novel Microstrip-Based Dual-Band Compact Terahertz Antenna for Bioinformatics and Healthcare Applications	Kumar S., Singh A.P., Mishra A.	24557749	International Journal of Mathematical, Engineering and Management Sciences	8	5	0	0	0	0	0	0	0
2023	Predictive Modeling for Forecasting Air Quality Index (AQI) Using Time Series Analysis	Pant A., Joshi R.C., Sharma S., Pant K.	24236292	Avicenna Journal of Environmental Health Engineering	10	1	0	0	1	0	1	0	1
2023	A novel electric vehicle battery management system using an artificial neural network-based adaptive droop control theory	Afzal M.Z., Aurangzeb M., Iqbal S., Pushkarna M., Rehman A.U., Kotb H., AboRas K.M., Alshammari N.F., Bajaj M., Bereznychenko V.	0363907X	International Journal of Energy Research	2023		0	0	4	0	4	0	4
2023	Movie Synchronization System Using Web Socket Based Protocol	Shukla A., Singh T.P., Mishra V., Goyal G., Kanwar I., Sharma G., Choudhury T.	18678211	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	470		0	0	0	0	0	0	0
2023	Power Geometric Operations of Trapezoidal Atanassov's Intuitionistic Fuzzy Numbers Based on Strict t-Norms and t-Conorms and Its Application to Multiple Attribute Group Decision Making	Yi Z., Yao L., Garg H.	15622479	International Journal of Fuzzy Systems			0	0	0	0	0	0	0
2023	[Detection of Transmission Control Protocol XMAS Attack Using Pattern Analysis with MONOSEK, Виявлення XMAS-кібератаки на протокол керування передачею сигналів: використання аналізу шаблонів з MONOSEK]	Chandrappa S., Prasad M.S.G., Kumar H.N.N., Gujjar J.P., Kumar M.A., Kukreti A.	20776772	Journal of Nano- and Electronic Physics	15	4	0	0	0	0	0	0	0
2023	A study on combat motivation: how soldiers get immune to the perpetual fear of death	Archana, Soni O.P., Ojha M.	14702436	Defence Studies			0	0	0	0	0	0	0
2023	SYNCHRONOUS FEDERATED LEARNING BASED MULTI UNMANNED AERIAL VEHICLES FOR SECURE APPLICATIONS	Sharma I., Gupta S.K., Mishra A., Askar S.	18951767	Scalable Computing	24	3	0	0	3	0	3	0	3
2023	Revealing bacterial and fungal communities of the untapped forest and alpine grassland zones of the Western-Himalayan region	Rambia A., Veluchamy C., Rawat J.M., Jamdhade M.D., Purohit S., Pawar K.D., Rajasekaran C., Rawat B., Sharma A.	11396709	International Microbiology			0	0	0	0	0	0	0
2023	An Algorithmic Approach towards Remote Sensing Imagery Data Restoration Using Guided Filters in Real-Time Applications	Singh P., Diwakar M., Ghosh D., Vidyarthi A., Gupta D., Gupta P.	7038992	Canadian Journal of Remote Sensing	49	1	0	0	1	0	1	0	1
2023	Polymer-based nanocarriers for biomedical and environmental applications	Idris D.S., Roy A., Pandit S., Alghamdi S., Almehmadi M., Alsaiari A.A., Abdulaziz O., Alsharif A., Khandaker M.U., Faruque M.R.I.	16187229	E-Polymers	23	1	0	0	2	0	2	0	2
2023	Support Vector Machine based Binary Classification of Humidity	Sunori S.K., Negi P.B., Rana A., Joshi N.C., Juneja P.		Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023			0	0	0	0	0	0	0
2023	Development of Specific Mobile Applications Supporting the Smart City Trend	Maddel M., Gite P., Sudhakar K.N., Bakhare R., Mittal V.		Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023			0	0	0	0	0	0	0
2023	Performance evaluation of the proposed DABR and MRLG protocols using the IEEE 802.15.4	Chitra Kiran N., Gite P., Balachander B., Marotkar D., Naitik S.T., Tripathi V.		Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023			0	0	0	0	0	0	0
2023	Surveillance System using Moving Vehicle Number Plate Recognition	Rawat A.S., Devrani H., Yaduvanshi A., Bohra M., Kumar I., Singh T.		Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023			0	0	0	0	0	0	0
2023	ANFIS-based Prediction of Strouhal Number for bluff Body Wake	Kharola A., Dobriyal R., Rahul, Pokhriyal V.		Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022			0	0	1	0	1	0	1
2023	River bank erosion vulnerability demarcation based on the sensitivity analysis of geotechnical parameters: Majuli Island, India	Dutta D., Misra A.K., Srivastava A.	23249676	Journal of Applied Water Engineering and Research			0	0	0	0	0	0	0
2023	Physiomechanical, Flowability, and Antibacterial Characterization of Silver-Doped Eggshell-Derived Hydroxyapatite for Biomedical Applications	Bansal G., Gautam R.K., Misra J.P., Mishra A.	10599495	Journal of Materials Engineering and Performance			0	0	0	0	0	0	0

2023	Rhizobacterial mediated interactions in Curcuma longa for plant growth and enhanced crop productivity: a systematic review	Khan S., Ambika, Rani K., Sharma S., Kumar A., Singh S., Thapliyal M., Rawat P., Thakur A., Pandey S., Thapliyal A., Pal M., Singh Y.	1664462X	Frontiers in Plant Science	14		0	0	0	0	0	0	0
2023	Non-performing assets - an important parameter of measuring the financial soundness of banks	Das S., Mishra A.K., Paul S.	17442370	International Journal of Services and Operations Management	45	4	0	0	0	0	0	0	0
2023	Strategic challenges of deploying LARG approach for sustainable manufacturing: Research implications from Indian SMEs	Joshi S., Sharma M.	17516048	International Journal of Internet Manufacturing and Services	9	2-3	0	0	0	0	0	0	0
2023	Relation between electronic word of mouth and purchase intention: Exploring the mediating role of brand image	Kaushal D., Mishra A.K., Bisht S.	14775212	International Journal of Internet Marketing and Advertising	19	1-2	0	0	1	0	1	0	1
2023	Global Development on LCA Research: A Bibliometric Analysis From 2010 to 2021	Gaurav G., Singh A.B., Khandelwal C., Gupta S., Kumar S., Meena M.L., Dangayach G.S.	19478402	International Journal of Social Ecology and Sustainable Development	14	1	0	0	1	0	1	0	1
2023	Identification of rice leaf diseases and deficiency disorders using a novel DeepBatch technique	Sharma M., Kumar C.J., Talukdar J., Singh T.P., Dhiman G., Sharma A.	23915412	Open Life Sciences	18	1	0	0	2	0	2	0	2
2023	MHD Tangent Hyperbolic Fluid Flow Over Stretching Sheet with Cattaneo- Christov Heat Flux Model and Quadratic Convection: A Statistical Analysis	Upreti H., Pandey A.K.		Mathematical Modelling of Fluid Dynamics and Nanofluids			0	0	0	0	0	0	0
2023	Agriculture pesticide and their remediation	Bhambri A., Singh P., Karn S.K., Dey A.		Development in Wastewater Treatment Research and Processes: Advances in Industrial Wastewater Treatment Technologies: Removal of Contaminants and Recovery of Resources			0	0	0	1	1	0	1
2023	Glaucoma Detection Using Deep Learning Approach in Research Detection	Pandurang Shinde A., Singh R., Shantappa Anami R., Mohammed N., Selvameena R., Jotiram Patil A.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Receiver-Based Data Communication for Wireless Sensor Networks	Chitra Kiran N., Parkash J., Cheerla S., Shanmugaraja P., Manohara M., Madan P.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	An Intelligent Human-Machine Interface Based on Eye Tracking for Written Communication of Patients with Locked-in Syndrome	Alagusabai A., Sandhiya R., Dhanalakshmi Bhavani M., Kukret K., Mohanaprakash T.A., Hajira Banu A.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	A Novel Machine Learning Unmanned Swarm Intelligence Based Data Security in Defence System	Chouhan N., Jakka G., Navale G.S., Verma G., Patil P.S., Dhotay M.A.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	A Multivariate Sampling Algorithm for Wireless Sensor Networks	Yuvasri B., Raja V.J., Ponsudha P., Kukret K., Srivastava S., Singh C.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Simulation and Analysis of Congestion in Vehicle Networks by Using Machine Learning Framework	Gupta R.K., Kumari R.K., Anbu C., Meganathan R., Rajah A.J.L., Dobhal D.C.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Performance Evaluation of VPNS over MPLS-Linux Networks	Komala C.R., Charles Prabu V., Hema M., Goyal H.R., Sivakumar N., Kumar M.J.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Simulation Environment for the I9 Vanet Platform	Avhankar M.S., Pawar J., Singh G., Asokan A., Kaliappan S., Purohit K.C.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Identification and Characterization of Spammers from Lists of Recipients	Shinde S., Chitre V., Patil S.J., Meganathan R., Kaliappan S., Dhyani B.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	IoT-Based Second-Life Storage System Prototype for Lifepo4 Batteries	Sebasthirani K., Rajesh G., Bhavani M.D., Varshney N., Sathish T., Karthigaivel K.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Gamification Based Access Control Tool	Josphineleela R., Saravanan A., Venneti K., Pundir S., Sathish T., Kumar M.J.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Computational study of bioactive compounds from endophytic fungi against SARS-CoV-2	Roy A., Menon T., Rawat J.M.	9704078	Vegetos			0	0	0	0	0	0	0
2023	A multi-objective flexible manufacturing system design optimization using a hybrid response surface methodology	Pasha N., Amoozad Mahdiraji H., Razavi Hajiagha S.H., Garza-Reyes J.A., Joshi R.	19369735	Operations Management Research			0	0	0	0	0	0	0
2023	Record Framework Utilization for the Collection of Wireless Device Static Users	Syamala M., Kuthe A., Selvakumar V., Joshi A., Baranidharan K., Dhanraj J.A.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0

2023	Digital Signature for Content Authentication	Rai A.K., Singh M., Sudheendramouli H.C., Panwar V., Balaji N.A., Kukreti R.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	An Appraisal in to the Effects of Partial Shading on an Urban Photovoltaic System Using the Internet of Things	Maguluri L.P., Farook S., Saravanan R., Dixit A., Aishwarya K.P., Dhanraj J.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Weather Impact Nano Patch Hybrid Satellite Communication with AI Monitored Network Information Protection System	Shanthi P., Arulkarthick E.K., Supreeth B.R., Vyas N.K., Singh D.P., Selvameena R.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Use of Machine Learning and Deep Learning Techniques to Predict Cases of Hospitalizations Caused by Dengue	Lalitha T., Jagruthi H., Laxmi V., Bordoloi D., Balaji N.A., Singh Rawat R.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Coffee Price Prediction: An Application of CNN-BLSTM Neural Networks	Mekala K., Laxmi V., Jagruthi H., Dhondiyal S.A., Sridevi R., Dabral A.P.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	1	0	1	0	1
2023	Potential of Solar Thermal and Photovoltaic Energy in the Dairy Products Sector: A Machine Learning Framework	Maheswari M.U., Bindu K.V., Kumar B.K., Dixit A., Kaliappan S., Vijay G.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Air Quality Improvement and Optimisation Using Machine Learning Technique	Veeranjaneyulu R., Boopathi S., Kumari R.K., Vidyarthi A., Isaac J.S., Jaiganesh V.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	9	0	9	0	9
2023	Machine learning based human interacted robotic intelligence to detect the different categories of speech	Singh R., Yasmeen, Srivastava A., Bijeshdhyani B., Deepa D.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	An Architecture for Collective Dispute Resolution in Ubiquitous and Context-Aware Systems	Syamala M., Bhagyalakshmi A., Jemi Gold P., Shankarrao Saraf S., Shanmugaraja P., Subashini M.K.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Automated AI - Equity Market Lead-Lag Prediction Based on Multivariate Time Series	Satish N., Logeswari V., Pundir S., Kumar A., Nikhil M.Y., Saldahna N.D.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	High Definition P2P Streaming: Quantitative Schema Analysis	Phaneendra Maguluri L., Raja J., Basheer Ahamed S., Kumar V., Kaliappan S., Chitra Devi D.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	0	0	0	0	0
2023	Identification of Heart Diseases using Novel Machine Learning Method	Veeranjaneyulu R., Boopathi S., Narasimharao J., Gupta K.K., Reddy R.V.K., Ambika R.		Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023			0	0	8	0	8	0	8
2023	Comparative Analysis of Different Optimization Technique for Optimal Size and Location of Non-Dispatchable Energy Resources	Semwa G., Sharma S., Rawat T.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	0	0	0	0	0
2023	Intelligent Bioinformatics System Architecture for Water Borne Diseases Diagnosis and Monitoring	Barmola P.P., Sharma S., Bhadula S.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	1	0	1	0	1
2023	Approaches to Selective Imaging of Live Systems via Memory Forensics	Dangi S., Ghanshala K., Sharma S.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	2	0	2	0	2
2023	A Real Time Conversion Model for Hand Gestures to Textual Content	Bhardwaj A., Singhal A., Mamgain P., Joshi U., Thapliyal S.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	0	0	0	0	0
2023	Fuzzy C-Means Clustering of Soil data Samples	Sunori S.K., Mittal A., Singh N., Manu M., Juneja P.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	0	0	0	0	0
2023	An Automated Attendance System Using Face Recognition Technique based on Haar Cascade with LBPH	Chauhan K., Goyal S., Guru Prasad M.S.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	0	0	0	0	0
2023	Predicting Breast Cancer An Evaluation of Machine Learning Approaches	Mehta S., Rawat P., Bajaj M., Vats S., Sharma V., Kukreja V.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	0	0	0	0	0
2023	LSTM Approach for Efficient Stock Market Prediction	Kumar S., Aggarwal U., Gautam P., Tuteja A., Matta P., Maurya S.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	0	0	0	0	0
2023	Control System Design for Electric Vehicle using IMC, LQG, and Loop Shaping Techniques	Sunori S.K., Manu M., Juneja P.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence Enabled Sustainable Life Cycle System Using Vedic Scripture and Quantum Computing	Sharma S., Kadayat Y., Tyagi R.		2023 3rd International Conference on Intelligent Technologies, CONIT 2023			0	0	5	0	5	0	5
2023	Global research trends, publication characteristics and knowledge domains of plant reproductive biology: A bibliometric and knowledge mapping analysis of 50 years	Singh P., Gargi B., Semwal P., Mishra J., Thapliyal A.	18722032	Acta Ecologica Sinica			0	0	1	0	1	0	1
2023	Local tri directional pattern (LTDP): a novel descriptor for face recognition in unconstrained conditions	Karanwal S.	13807501	Multimedia Tools and Applications			0	0	0	0	0	0	0
2023	An Ensemble-Based IoT-Enabled Drones Detection Scheme for a Safe Community	Singh J., Sharma K., Wazid M., Das A.K., Vasilakos A.V.	2644125X	IEEE Open Journal of the Communications Society	4		0	0	0	1	1	0	1

2023	Mathematical Modeling of Driving Forces of an Electric Vehicle for Sustainable Operation	Agrawal A., Singh R., Kumar N., Singh V.P., Alotaibi M.A., Malik H., Marquez F.P.G., Hossaini M.A.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	Design of Robust Blockchain-Envisioned Authenticated Key Management Mechanism for Smart Healthcare Applications	Thapliyal S., Wazid M., Singh D.P., Das A.K., Shetty S., Alqahtani A.	21693536	IEEE Access	11		0	0	2	0	2	0	2
2023	Diversified role of fuzzified particle concentration on Casson gold-blood nanofluid flow through an elongating sheet for different shape nanoparticles	Upreti H., Mishra S.R., Kumar Pandey A., Joshi N., Joshi B.P.	16583655	Journal of Taibah University for Science	17	1	0	0	1	1	2	0	2
2023	Eco-friendly synthesized nanoparticles as antimicrobial agents: an updated review	Borehalli Mayegowda S., Roy A., Manjula N.G., Pandit S., Alghamdi S., Almehmadi M., Allahyani M., Awwad N.S., Sharma R.	22352988	Frontiers in Cellular and Infection Microbiology	13		0	0	0	0	0	0	0
2023	In vitro production of steroidal saponin, total phenols and antioxidant activity in callus suspension culture of Paris polyphylla Smith: an important Himalayan medicinal plant	Rawat J.M., Pandey S., Rawat B., Purohit S., Anand J., Negi A.S., Thakur A., Mahmoud M.H., El-Gazzar A.M., El-Saber Batiha G.	1664462X	Frontiers in Plant Science	14		0	0	0	0	0	0	0
2023	New insights into molecular signaling pathways and current advancements in prostate cancer diagnostics & therapeutics	Thakur N., Quazi S., Naik B., Jha S.K., Singh P.	2234943X	Frontiers in Oncology	13		0	0	0	0	0	0	0
2023	Line clipping in 3D (E3) When clip window is in a 3D region enclosed by coordinate planes and an intercepting plane	Dimri S.C., Kumar B., Ram M.	20413165	Mathematics in Engineering, Science and Aerospace	14	2	0	0	0	0	0	0	0
2023	Function point analysis based effort estimation and prediction using Lagrange's interpolation in Agile software development	Kumar B., Tiwari U.K., Dobhal D.C., Ram M.	20413165	Mathematics in Engineering, Science and Aerospace	14	2	0	0	0	0	0	0	0
2023	AM Fungi Production Upscaling, Government Regulations, Marketing, and Commercialization	Alloun W., Sinha S., Mitra D.		Arbuscular Mycorrhizal Fungi: For Nutrient, Abiotic and Biotic Stress Management in Rice			0	0	0	0	0	0	0
2023	OMICS Sciences for Deciphering Plant-Mycorrhizal Symbiosis	Purohit A., Ghosh D., Kumar R., Das A.J.		Arbuscular Mycorrhizal Fungi: For Nutrient, Abiotic and Biotic Stress Management in Rice			0	0	0	0	0	0	0
2023	Preface	Bachheti A., Bachheti R.K., Husen A.		Aquatic Medicinal Plants			0	0	0	0	0	0	0
2023	Chemical Composition and Biological Activity of Red Algae (Rhodophyta)	Abate L., Bachheti A., Tadesse M.G., Pandey D.P., Husen A., Bachheti R.K.		Aquatic Medicinal Plants			0	0	0	0	0	0	0
2023	Biosorption of Heavy Metal (Mn2+) by Thermophilic Bacterial Strains Isolated from Surya Kund Hot Spring, Yamunotri, Uttarakhand	Vishwakarma S.K., Patil A., Pandey A., Arya M.	2732289	Applied Biochemistry and Biotechnology			0	0	0	0	0	0	0
2023	A sustainable rural entrepreneurship model developed by the organic farmers of India	Tomar S., Sharma N., Nehra N.S.	20450621	Emerald Emerging Markets Case Studies	13	2	0	0	0	0	0	0	0
2023	Enhancing Student Success Prediction with FeatureX: A Fusion Voting Classifier Algorithm with Hybrid Feature Selection	Malik S., Jothimani K.	13602357	Education and Information Technologies			0	0	0	0	0	0	0
2023	Facile Synthesis of Ni2+ Doped MgFe2O4 Spinel Nanoparticles: Structural, Optical, Magnetic, and Dielectric Behavior	Revathi R., Sukumar M., Kumar A., Gupta M., Udhaya P.A., Sehgal S.S., Pandit B., Sundararajan M., Subramani A., Dash C.S., Senthilkumar N., Ubaidullah M.	15741443	Journal of Inorganic and Organometallic Polymers and Materials			0	0	1	0	1	0	1
2023	Optimal Solution of Peer-to-Peer and Peer-to-Grid Trading Strategy Sharing between Prosumers with Grid-Connected Photovoltaic/Wind Turbine/Battery Storage Systems	Azaroual M., Hermann D.T., Ouassaid M., Bajaj M., Maaroufi M., Alsaif F., Alsulamy S.	0363907X	International Journal of Energy Research	2023		0	0	4	0	4	0	4
2023	Radial Mean LBP (RM-LBP) for Face Recognition	Karanwal S.	23674512	Lecture Notes on Data Engineering and Communications Technologies	181		0	0	0	0	0	0	0
2023	Development of a quartz crystal microbalance-based immunosensor for the early detection of mesothelin in cancer	Joshi H.C., Kharkwal H., Kumar A., Gupta P.K.	26663511	Sensors International	4		0	0	0	0	0	0	0
2023	Recyclability and catalytic characteristics of copper oxide nanoparticles derived from bougainvillea plant flower extract for biomedical application	Natrayan L., Kaliappan S., Saravanan A., Vickram A.S., Pravin P., Abbas M., Ahamed Saleel C., Alwetaishi M., Saleem M.S.M.	21919550	Green Processing and Synthesis	12	1	0	0	1	0	1	0	1
2023	Titanium Dioxide Nanomaterials: Synthesis and Applications	Ahmad W., Singh A., Mishrwan V.S., Joshi S., Rawat A.	9707077	Asian Journal of Chemistry	35	8	0	0	1	1	2	0	2
2023	An Overview of Recent Progress in the Field of Wearable Glucose Sensors for Diabetes Diagnosis	Tiwari C., Mishra V., Srishti		Opto-VLSI Devices and Circuits for Biomedical and Healthcare Applications			0	0	0	0	0	0	0
2023	In-silico modeling of the interplay between APOE4, NLRP3, and ACE2-SPIKE complex in neurodegeneration between Alzheimer and SARS-CoV: implications for understanding pathogenesis and developing therapeutic strategies	A S S., Thapliyal A., Pant K.	7391102	Journal of Biomolecular Structure and Dynamics			0	0	0	0	0	0	0
2023	Integration of Artificial Intelligence with Opto-VLSI for the Biomedical and Healthcare Industries	Kandpal J., Baluti G., Ranjan P.		Opto-VLSI Devices and Circuits for Biomedical and Healthcare Applications			0	0	0	0	0	0	0
2023	A Comparison of Metaheuristic Algorithms for Estimating Solar Cell Parameters Using a Single Diode Model	Sharma A., Sharma A., Jately V., Pundir S., Lim W.H.		Sustainable Energy Solutions with Artificial Intelligence, Blockchain Technology, and Internet of Things			0	0	0	0	0	0	0
2023	Neural Interfacing and Monitoring by Integrated Circuit	Kumar V., Bisht C.		Opto-VLSI Devices and Circuits for Biomedical and Healthcare Applications			0	0	0	0	0	0	0
2023	A Review of Multi-material, Multi-gate MOSFET Structures	Yarlagadda N., Verma Y.K., Adhikari M.S., Mishra V.		Opto-VLSI Devices and Circuits for Biomedical and Healthcare Applications			0	0	0	0	0	0	0

2023	Editorial: High altitude medicinal plants and their bioactive compounds for the prevention of oxidative stress-induced diseases and disorders	Semwal P., Rauf A., Simal-Gandara J.	16639812	Frontiers in Pharmacology	14		0	0	0	0	0	0	0
2023	Impact of Different Buffer Layers on Performance of Cu2O Based Solar Cell: SCAPS 1D Analysis	Tiwari C., Mishra V.	18761100	Lecture Notes in Electrical Engineering	1024		0	0	0	0	0	0	0
2023	CNN-Powered Monument Detection Webapp for Preserving India's Cultural Heritage	Anshul, Bahuguna A., Guru Prasad M.S., Bhagnal Y., Yeole A.N., Aniruddha Prabhu B.P.		International Conference on Applied Intelligence and Sustainable Computing, ICAISC 2023			0	0	0	0	0	0	0
2023	Chemical, Physical, and Technological Characteristics of Palm Olein and Canola Oil Blends	Allam A.Y., Khan Z.S., Bhat M.S., Naik B., Wani S.A., Rustagi S., Aijaz T., Elsadek M.F., Chen T.-W.	1469428	Journal of Food Quality	2023		0	0	0	0	0	0	0
2023	Electric discharge machining of hybrid composite with bio-dielectrics for sustainable developments	Singh N.K., Singh Y., Rahim E.A., Senthil Siva Subramanian T., Sharma A.	14484846	Australian Journal of Mechanical Engineering			0	0	1	0	1	0	1
2023	Enhancement in Interconnected Power System Performance with 3DOFPID Regulator and Plug-in Electric Vehicles Incorporation	Kalyan C.N.S., Rao G.S., Srikanth Goud B., Choudhury S., Blazek V., Bajaj M.		2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023			0	0	0	0	0	0	0
2023	Synthesis and electrochemical potential of SnO2@PBC-based material	Joshi N.C., Gururani P., Negi P.B.	1932691	Journal of Dispersion Science and Technology			0	0	0	0	0	0	0
2023	Water Cycle Optimization Technique-based IDDF Controller for Frequency Regulation of Interconnected Power System with HVDC Line	Sai Kalyan C.N., Rao G.S., Srikanth Goud B., Choudhury S., Bajaj M., Dash T.		2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023			0	0	0	0	0	0	0
2023	Voltage and Frequency Control in Diverse Source Power Systems under Cascade Controller with TCSC and SMES Devices	Kalyan C.N.S., Rao G.S., Goud B.S., Bajaj M., Dash T., Choudhury S.		2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023			0	0	0	0	0	0	0
2023	Exploratory Data Analysis and Customer Churn Prediction for the Telecommunication Industry	Singh K.D., Deep Singh P., Bansal A., Kaur G., Khullar V., Tripathi V.		ACCESS 2023 - 2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems			0	0	0	0	0	0	0
2023	Assessing Seasonal Variations in CEP for NavIC Positioning in Dehradun Region	Gusain R., Vidyarthi A., Prakash R., Shukla A.K.		5th International Conference on Energy, Power, and Environment: Towards Flexible Green Energy Technologies, ICEPE 2023			0	0	0	0	0	0	0
2023	Optimization of a production inventory model of imperfect quality items for three-layer supply chain in fuzzy environment	Arora R., Chauhan A., Singh A.P., Sharma R.	14635771	Benchmarking			0	0	0	0	0	0	0
2023	Cultivation of Chlorella sorokiniana in indoor and outdoor raceway ponds under glyphosate stress for bioproduct production	Arora N., Bisht B., Thakur N., Vlaskin M.S., Kumar V.	21906815	Biomass Conversion and Biorefinery			0	0	0	0	0	0	0
2023	Allelopathic effect of Callistemon viminalis's leaves extract on weeds, soil features, and growth performance of wheat and chickpea plants	Vashishth D.S., Bachheti A., Bachheti R.K., Husen A.	17429145	Journal of Plant Interactions	18	1	0	0	1	0	1	0	1
2023	Temperature analysis of hydrodynamic journal bearing lubrication with a moving journal and a fixed bearing	Sekhar P.S., Dinesh K., Patil P., Dumka A., Singh R., Kang A.S., Oza A.D., Kumar M., Kumar A.	2374068X	Advances in Materials and Processing Technologies			0	0	0	0	0	0	0
2023	Hybridization of Reinforced Fibers on the Performance of Green and Eco-Friendly Composites	Gangil B., Verma S., Ranakoti L., Kumar S.		Sustainability of Green and Eco-friendly Composites			0	0	0	0	0	0	0
2023	Analysis of sustainable groundwater management policies for urban development	Kuchampudi S.V., Panchal S., Naveen S., Suresh V., Satishkumar P., Abdulrahman I.S., Salman H.M., Singh P., Padmapriya S.	10881913	Environmental Quality Management			0	0	1	0	1	0	1
2023	Monitoring Tourist Footfall at Nainital in Uttarakhand using Sensor Technology	Arora S., Pargaien S., Khan F., Tewari I., Nainwal D., Mer A., Mittal A., Misra A.		2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings			0	0	0	0	0	0	0
2023	Statistical experiment analysis of wear and mechanical behaviour of abaca/sisal fiber-based hybrid composites under liquid nitrogen environment	Natrayan L., Surakasi R., Paramasivam P., Dhanasekaran S., Kaliappan S., Patil P.P.	22968016	Frontiers in Materials	10		0	0	0	0	0	0	0
2023	Development of Neurofuzzy Prediction Models for Water Conductivity	Sunori S.K., Manu M., Patwal S., Adhikari M., Mittal A., Juneja P.		2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings			0	0	0	0	0	0	0
2023	Cyclodextrin nanoparticles in targeted cancer theranostics	Bose R., Jayawant M., Raut R., Lakkakula J., Roy A., Alghamdi S., Qusty N.F., Sharma R., Verma D., Khandaker M.U., Almujally A., Tamam N., Sulieman A.	16639812	Frontiers in Pharmacology	14		0	0	1	0	1	0	1
2023	Real-Time Based ANFIS Control of Two Wheel Robotic (TWR) System	Kharola A., Rahul, Pokhriyal V.		Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022			0	0	0	0	0	0	0
2023	Misbehavior Detection in the Internet of Vehicles using Machine Learning based Situation Identification	Kelagadi H.M., Chandra Sekhar J., Rawat R., Dhaliwal N., Singh S., Saravana B.S.		Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023			0	0	0	0	0	0	0
2023	Case based Reasoning Technique in Digital Diagnostic System for Lung Cancer Detection	Rawat D., Sharma S., Bhadula S.		Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023			0	0	2	0	2	0	2

2023	Effect of Dust Accumulation on Efficiency of Solar Panels in Clement Town Region (Dehradun) India: An Empirical Study	Rathod A.P.S., Mishra P.K., Mishra A.	23791101	NanoWorld Journal	9	1	0	0	0	0	0	0	0
2023	Classification of Soil Fertility using LVQ and PNN Techniques	Sunori S.K., Mohan L., Pant M., Juneja P.		Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023			0	0	0	0	0	0	0
2023	An Intelligent Method for Credit Card Fraud Detection using Improved CNN and Extreme Learning Machine	Yamini K., Anitha V., Polepaka S., Chauhan R., Varshney Y., Singh M.		Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023			0	0	1	0	1	0	1
2023	Decarbonization Trajectory in Cement Industry	Kamra J., Mani A.P., Tripathi V.M.		2023 8th International Conference on Smart and Sustainable Technologies, SpliTech 2023			0	0	0	0	0	0	0
2023	Physiochemical Behavior Changes During Ripening in the Fruits of Diospyros Peregrina	Ghai K., Bhatt A., Gupta P.K., Nayak A.	9750304	Trends in Carbohydrate Research	15	2	0	0	0	0	0	0	0
2023	Discriminant Fused Local Pattern (DFLP) In Face Recognition under Pose variations	Karanwal S.	21507988	International Journal of Computer Information Systems and Industrial Management Applications	15	2023	0	0	0	0	0	0	0
2023	A Survey of DDoS Attacks Detection Schemes in SDN Environment	Rawat S.G., Obaidat M.S., Pundir S., Wazid M., Kumar Das A., Singh D.P., Hsiao K.-F.		Proceedings of the 2023 IEEE International Conference on Computer, Information, and Telecommunication Systems, CITS 2023			0	0	0	1	1	0	1
2023	Deep Learning: The Future of Medical Image Processing	Singh K.U., Pandey S.K., Yadav D.P., Singh T., Kumar G., Kumar A.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Machine Learning based model to Detect Anomaly in the Water	Kumar G., Pandey S.K., Yadav D.P., Singh K.U., Singh T., Kumar A.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Classification of Online Sentiment Data tweets using Various Approaches in Machine Learning	Rawat V., Bisht P., Suryakant, Kothiyal S., Singh N.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Education 4.0: Exploring the Potential of Disruptive Technologies in Transforming Learning	Singh K.D., Singh P., Kaur G., Khullar V., Chhabra R., Tripathi V.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Evaluation Of The Efficiency Of Honeypots In Opposing Flooding Attack	Singh N., Sharma D., Rawat V.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Vision-Based Locomotion Control for Humanoid Robots: A Study on Vision-Guided Walking Strategies	Pandey S.K., Kumar L., Kumar G., Kumar A., Singh K.U., Singh T.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Need of Trusted Security for Sustainability of IoT-BIG Data Application Deployments	Gaur N.K., Gaur M.S., Kumar S., Shukla A.S.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	A Review of Machine Learning Frameworks for Predicting Adverse Events in Cloud-based Healthcare Systems	Prerna, Singh P., Singh D.P.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	A Scalable Architecture for Rapid Development of Trackers amid Pandemics like COVID-19	Sharma G., Tripathi V., Gera S.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	An Overview of Video Tampering Detection Techniques: State-of-the-Art and Future Directions	Pandey S.K., Kumar L., Kumar G., Kumar A., Singh K.U., Singh T.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Revolutionizing Plant Disease Management Through Image Processing Technology	Kumar G., Kumar A., Singhal M., Singh K.U., Kumar L., Singh T.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Data Science - A Compendious Study on Statistical Methods and Visualization Techniques	Singh K.U., Pandey S.K., Yadav D.P., Singh T., Kumar G., Kumar A.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	DDoS Detection and Prediction Techniques-A Survey	Goyal A., Matta P., Gautam P.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Load Balancing in Cloud Computing: A Simulation-Based Evaluation	Rajpoot N.K., Singh P., Pant B.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0

2023	Artificial Intelligence-Enabled regression model for used car price prediction	Kumar G., Pandey S.K., Yadav D.P., Singh K.U., Singh T., Kumar A.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Reliance Stock Market Analysis with RBF Kernel using Support Vector Machine	Rawat V., Singh K., Sahu Y.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Predicting Lumpy Skin Disease using Various Machine Learning Models	Kumar A., Kumar B., Negi H.S.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Real-Time Heartbeat Sensing with Face Video using a Webcam and OpenCV	Rawat V., Pathak M., Jain I., Semwal N., Jain N.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Microbial Diversity and Functional Potential of Keem: A Traditional Starter Culture for Alcoholic Beverage—Application of Next-Generation Amplicon and Shotgun Metagenome Sequences	Tomar S., Mitra D., Kumar G., Kashyap P., Sharma M., Kumar S., Sridhar K., Pant K.	10736085	Molecular Biotechnology			0	0	0	0	0	0	0
2023	Enhancing Web Application Efficiency: Exploring Modern Design Patterns within the MVC Framework	Kumar A., Pandey S.K., Prakash S., Singh K.U., Singh T., Kumar G.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Role of Artificial Intelligence to address Cyberbullying and Future Scope	Kumar R., Sharma A., Kaur M., Joshi K., Singh S.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Research Trends in Supply Chain Management: A Machine Learning Perspective	Singh N., Mittal V., Rawat V., Malik P., Rana A.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Iot Based Machine Learning Framework for COVID-19 Management	Dimri S.C., Panwar N., Negi H.S., Indu R.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Reliability evaluation of a programmable logic controller based system	Ram M., Tyagi S., Kumar A.	9756809	International Journal of System Assurance Engineering and Management			0	0	0	0	0	0	0
2023	Nature-Inspired Load Balancing Algorithms for Resource Allocation in Cloud Computing	Rajpoot N.K., Singh P., Pant B.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Impact Of Social Media Apps On Public Health: An Overview with Analysis	Rawat V., Amoli M., Ruwari S., Rajput S.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2023			0	0	0	0	0	0	0
2023	Embattle The Security of E-Health System Through A Secure Authentication and Key Agreement Protocol	Singh D., Wazid M., Singh D.P., Das A.K., Rodrigues J.J.P.C.		2023 International Wireless Communications and Mobile Computing, IWCMC 2023			0	0	0	0	0	0	0
2023	Digital World of Cloud Computing and Wireless Networking: Challenges and Risks	Joshi K., Sharma R., Singh N., Sharma B.		Applications of Artificial Intelligence in Wireless Communication Systems			0	0	0	0	0	0	0
2023	Prognostication of Myocardial Infarction Using Lattice Ordered Linear Diophantine Multi-fuzzy Soft Set	Vimala J., Garg H., Jeevitha K.	15622479	International Journal of Fuzzy Systems			0	0	0	1	1	0	1
2023	Linear diophantine multi-fuzzy aggregation operators and its application in digital transformation	Jeevitha K., Garg H., Vimala J., Aljuaid H., Abdel-Aty A.-H.	10641246	Journal of Intelligent and Fuzzy Systems	45	2	0	0	0	1	1	0	1
2023	Thermal-Structural and Macromechanical Behavior Analysis of Graphite-Based Laminated Composite	Jyotiprasad G., Dowluru S., Rallabandi S.R., Sharma N., Sharma R.C., Palli S.	1487191	SAE Technical Papers			0	0	0	0	0	0	0
2023	Cyber Security and 5G-assisted Industrial Internet of Things using Novel Artificial Adaption based Evolutionary Algorithm	Singh S.P., Piras G., Viriyasitavat W., Kariri E., Yadav K., Dhiman G., Vimal S., Khan S.B.	1383469X	Mobile Networks and Applications			0	0	0	0	0	0	0
2023	Research on recognition of students attention in offline classroom-based on deep learning	Akila D., Garg H., Pal S., Jeyalaksshmi S.	13602357	Education and Information Technologies			0	0	0	0	0	0	0
2023	Trending or not? Predictive analysis for youtube videos	Irshad M.S., Anand A., Ram M.	9756809	International Journal of System Assurance Engineering and Management			0	0	1	0	1	0	1
2023	Artificial intelligence assisted food science and nutrition perspective for smart nutrition research and healthcare	Joshi S., Bisht B., Kumar V., Singh N., Jameel Pasha S.B., Singh N., Kumar S.	26627655	Systems Microbiology and Biomanufacturing			0	0	1	0	1	0	1
2023	Rhizospheric bacteria: the key to sustainable heavy metal detoxification strategies	Joshi S., Gangola S., Bhandari G., Bhandari N.S., Nainwal D., Rani A., Malik S., Slama P.	1664302X	Frontiers in Microbiology	14		0	0	1	1	2	0	2
2023	The impact of marketing mix on the adoption of clothes rental and swapping in collaborative consumption	Ramtiyal B., Johari S., Vijayvargy L., Prakash S.	23985364	Journal of Global Operations and Strategic Sourcing			0	0	0	1	1	0	1
2023	Insight into influence of thermal radiation and Cattaneo–Christov model on ternary hybrid nanofluid (TiO2–Al2O3–MoS2/kerosene oil) and hybrid nanofluid (TiO2–Al2O3/kerosene oil) flow and heat transfer over a stretching sheet	Singh S.P., Kumar M., Yaseen M., Rawat S.K.	10407782	Numerical Heat Transfer; Part A: Applications			0	0	2	0	2	0	2

2023	Recent updates on correlation between reactive oxygen species and synbiotics for effective management of ulcerative colitis	Ashique S., Mishra N., Garg A., Sibuh B.Z., Taneja P., Rai G., Djearamane S., Wong L.S., Al-Dayan N., Roychoudhury S., Kesari K.K., Slama P., Roychoudhury S., Gupta P.K.	2296861X	Frontiers in Nutrition	10		0	0	3	2	5	0	5
2023	Power Consumption Modeling of a System of Systems applied to a Platoon of Autonomous Vehicles	Kumar P., Merzouki R.		2023 18th Annual System of Systems Engineering Conference, SoSe 2023			0	0	0	0	0	0	0
2023	An Effective Prediction of Rainfall Using Machine Learning Technique	Rana N., Guru Prasad M., Sharma A., Pratap M.S., Anand Kumar M., Aditya Pai H.		2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023			0	0	0	0	0	0	0
2023	Design and Analysis of Planar Phased Array Antenna for n78 band commercial 5G Applications	Rastogi S., Gowri R., Vidyarthi A., Gupta M.		International Conference on Microwave, Antenna and Communication, MAC 2023			0	0	0	0	0	0	0
2023	Improvement in Synchronous Motor Speed Control System Using MPC Technique	Sunori S.K., Manu M., Juneja P.		2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023			0	0	1	0	1	0	1
2023	Role of interspecific competition among predators and group size: A dynamical approach	Shivam, Singh T., Kumar A., Kumar A., Pandey S.K., Dubey R., Singh K.U.	9720502	Journal of Interdisciplinary Mathematics	26	3	0	0	0	0	0	0	0
2023	D-CViT: A lightweight denoising approach for the real-time video anomaly detection	Roka S., Diwakar M.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2023	Multilevel Face Mask Detection System using Ensemble based Convolution Neural Network	Gupta V.K., Gupta A., Tyagi V., Pandey P., Gupta R., Kumar D.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2023	Forecasting Energy Consumption of Electric Vehicles	Coban H.H., Bajaj M., Blazek V., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	1	0	1	0	1
2023	A comparative analysis of Deep Learning Algorithms for Breast Cancer Detection	Chauhan R., Aeri M., Joshi S., Singh D., Joshi R.C.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2023	Efficient Driveline Architecture and Torque Distribution Strategy for Dual Traction Machines Electric Vehicles	Oubelaid A., Kakouche K., Belbachir N., Rekioua T., Bajaj M., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	4	0	4	0	4
2023	DCT: A lightweight approach for the real-time video anomaly detection in multi camera	Roka S., Diwakar M.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2023	Artificial Intelligence (AI) and Machine Learning (ML)-based Information Security in Electric Vehicles: A Review	Mohamed N., Bajaj M., Almazrouei S.K., Jurado F., Oubelaid A., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	3	1	4	0	4
2023	Reliability Indicators of Electrical Distribution Networks in Absence of Gas and Hot Water Supply	Tavarov Saidjon Sh., Smolin Anton V., Oubelaid A., Bajaj M., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	0	0	0	0	0
2023	Energy Management Strategy of Dual-Source Electric Vehicles Based on Fuzzy Logic Control Considering Driving Cycles	Kakouche K., Oubelaid A., Mezani S., Rekioua T., Bajaj M., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	2	0	2	0	2
2023	Reduced Switch Converter Topology For Double Traction Motors Electric Vehicles	Azib A., Oubelaid A., Ziane D., Mohamed N., Bajaj M., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	3	0	3	0	3
2023	Design of a cloud-based security mechanism for Industry 4.0 communication	Mishra A.K., Wazid M.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2023	Sustainable Development of Smart Farming and Agriculture Business using Data Mining	Kholiya D., Bagla P., Mishra A.K., Tripathi N., Pandey N.K.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2023	A Hybrid Technique for EV Parking Lot Optimization with Improved Power Quality	Rao C.S.V.P., Pandian A., Reddy C.R., Bajaj M., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	0	1	1	0	1
2023	Combined Voltage and Frequency Control of Multi Area Power System using Sooty Tern Algorithm Optimized Cascade Controller	Kalyan C.N.S., Bajaj M., Rao K.V.G., Jurado F., Goud B.S., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	1	0	1	0	1
2023	Intrusion Detection Techniques For Security and Privacy of 6G Applications	Kohli P., Sharma S., Matta P.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	4	0	4	0	4
2023	An Artificial Intelligence Approach in 5G New Radio Beam Enhancement	Upadhyay D., Mittal S., Jain A., Sharma R., Bagla P., Tripathi N., Tiwari P.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2023	Optimal Location of EV Parking Lot by MAOWHO technique in Distribution System	Rao C.S.V.P., Pandian A., Reddy C.R., Bajaj M., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	0	0	0	0	0
2023	Sooty Tern Optimization Technique based 2DOFPID Controller for Stability of Multisource Power System with Plug-in Electric Vehicles Integration	Kalyan C.N.S., Sravanthi B., Goud B.S., Bajaj M., Blazek V., Jurado F., Kamel S.		Proceedings - 2023 IEEE 5th Global Power, Energy and Communication Conference, GPECOM 2023			0	0	1	0	1	0	1
2023	Cold adapted Pseudomonas: ecology to biotechnology	Chauhan M., Kimothi A., Sharma A., Pandey A.	1664302X	Frontiers in Microbiology	14		0	0	1	0	1	0	1

2023	A Complex Brain Learning Skeleton Comprising Enriched Pattern Neural Network System for Next Era Internet of Things	Venkatesh J., Shukla P.K., Ahanger T.A., Maheshwari M., Pant B., Hemamalini R.R., Halifa A.	20402295	Journal of Healthcare Engineering	2023		0	0	0	0	0	0	0
2023	Application of deep learning approach for detecting brain tumour in MR images	Agarwal J., Kumar M., Rani A., Gupta S.	14753219	International Journal of Critical Infrastructures	19	4	0	0	0	0	0	0	0
2023	Novel adaptive control for avoiding fuzzy rule explosion in nonlinear systems	Kharola A.	17407516	International Journal of Automation and Control	17	4	0	0	1	0	1	0	1
2023	Cognitive Privacy of Personalized Digital Finance Images on Social Media Platforms Using Artificial Neural Networks	Sharma I., Sharma S.		2023 4th International Conference for Emerging Technology, INCET 2023			0	0	3	0	3	0	3
2023	Techniques used in Automatic Number Plate Recognition	Joshi D., Mohd N.		2023 4th International Conference for Emerging Technology, INCET 2023			0	0	0	0	0	0	0
2023	Investigating Different Deep learning Models for Classification of Folliculitis	Negi R., Negi S., Tripathi N., Thapliyal S.		2023 4th International Conference for Emerging Technology, INCET 2023			0	0	0	0	0	0	0
2023	Assessing NavIC Accuracy at Dehradun in the Winter Season: A Case Study	Gusain R., Vidyarthi A., Prakash R., Shukla A.K.		Proceedings of 2023 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication, IConSCEPT 2023			0	0	0	0	0	0	0
2023	Anatomy of Quantum Computer Framework using Qiskit	Joshi D., Mohd N.		2023 4th International Conference for Emerging Technology, INCET 2023			0	0	0	0	0	0	0
2023	Flood Risk Assessment Mapping of Nainital District Using GIS Tools	Rai K., Mishra N., Sharma A.K., Mishra S., Dahale P.P.		2023 International Conference on Artificial Intelligence and Applications, ICAIA 2023 and Alliance Technology Conference, ATCON-1 2023 - Proceeding			0	0	0	0	0	0	0
2023	Toxicity Detection Methodology of Adverse Outcome Pathways using Physicochemical Properties and Machine Learning Approaches	Gupta V.K., Gupta A., Singh M.K., Gupta A., Tomar A.		2023 4th International Conference for Emerging Technology, INCET 2023			0	0	0	0	0	0	0
2023	Performance Analysis of Compression Ignition Engines Using Emulsion Fuel Blended with Aluminium Oxide Nanoparticles	Sivaram A.R., Prabhu N., Kumar R.P., Navaneethakrishnan G., Palanisamy R., AboRas K.M., Bajaj M., Djidimbele R., Dieudonne K.K., Vinodhan V.L.	16878434	Advances in Materials Science and Engineering	2023		0	0	0	0	0	0	0
2023	Multilabel Image Classification using the CNN and DC-CNN Model on Pascal VOC 2012 Dataset	Juyal P., Kundaliya A.		International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings			0	0	1	0	1	0	1
2023	Integrated Microgrid Islanding Detection with Phase Angle Difference for Reduced Nondetection Zone	Lingampalli B.R., Kotamraju S.R., Kumar M.K., Reddy Ch.R., Pushkarna M., Bajaj M., Kotb H., Alphonse S.	0363907X	International Journal of Energy Research	2023		0	0	5	1	6	0	6
2023	Coating Methods for Hydroxyapatite—A Bioceramic Material	Bansal G., Gautam R.K., Misra J.P., Mishra A.	25245384	Materials Horizons: From Nature to Nanomaterials	1086		0	0	0	0	0	0	0
2023	Implications of physicochemical properties of proteins in food industry applications	Singh N., Kaur P., Katyal M., Kaur A.		Future Proteins: Sources, Processing, Applications and the Bioeconomy			0	0	0	0	0	0	0
2023	LRS Bianchi Type-I String Cosmological Models in fQ Gravity	Kumar M., Singh M., Bajaj M., Kotb H., Hermann D.T.	23144629	Journal of Mathematics	2023		0	0	0	0	0	0	0
2023	Coatings: Types and Synthesis Techniques	Dogra V., Kishore C., Mishra A., Verma A., Gaur A.	25245384	Materials Horizons: From Nature to Nanomaterials	1086		0	0	0	0	0	0	0
2023	Nutritional properties of proteins from different sources and their role in sports performance	Singh N., Paul M., Mudgal S., Kaur A.		Future Proteins: Sources, Processing, Applications and the Bioeconomy			0	0	0	0	0	0	0
2023	Multi-attribute decision-making based on sine trigonometric aggregation operators for T-spherical fuzzy information	Garg H., Ullah K., Ali K., Akram M., Abid M.N.	14327643	Soft Computing			0	0	2	0	2	0	2
2023	Impact of Microfluidic Chip Electrophoresis in Modern Analysis: An Update on Recent Trends	Pasricha S., Bhatia R., Patel P., Kumar B.	15734110	Current Analytical Chemistry	19	5	0	0	0	0	0	0	0
2023	Antibiotic pollution: The forerunner of global health catastrophe?	Lahiri D., Nag M., Dey A., Ray R.R., Rai N., Chaubey K.K.	10881913	Environmental Quality Management			0	0	0	0	0	0	0
2023	An extended TOPSIS and entropy measure based on Sugeno integral in Pythagorean fuzzy set setting	Garg H., Unver M., Aydogan B., Olgun M.	10641246	Journal of Intelligent and Fuzzy Systems	45	2	0	0	2	0	2	0	2
2023	Reliability Optimization and Redundancy Allocation for a Complex System using Metaheuristic	Bhandari A.S., Choudhary J., Kumar A., Ram M.		2023 2nd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2023			0	0	0	0	0	0	0
2023	Machine Learning And Blockchain: A Promising Future	Maheshwari H., Chandra U., Yadav D., Gupta A., Kaur R.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	1	1	0	1
2023	Prioritizing the enablers for adoption of AI based health care wearables among elderly people	Gupta O., Joshi P., Gupta A.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	0	0	0	0
2023	An Assessment of Covid19 Using CNN Architecture	Shrivastava A., Boina R., Verma D., Kumar Y., Kumar I., Rao A.T.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	0	0	0	0
2023	Framework for Implementation of Android Automation Tool in Agro Business Sector	William P., Shrivastava A., Aswal U.S., Kumar I., Gupta M., Rao A.K.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	2	0	2	0	2
2023	Machine Learning Algorithms for Disease Diagnosis using Medical Records: A Comparative Analysis	Gupta A., Chaithra N., Jha J., Sayal A., Gupta V., Memoria M.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	1	1	0	1
2023	Implementation of Machine Learning Classification Techniques for Intrusion Detection System	William P., Inukollu V.N.R., Ramasamy V., Madan P., Shrivastava A., Srivastava A.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	2	0	2	0	2

2023	Patient Context Monitoring With Wireless Networks	Singh C., Shrivastava A., Pokhariya H.S., Kumar I., Sundar Ganesh C.S., Pratap Srivastava A.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	0	0	0	0
2023	Traditional Uses, Active Ingredients, and Biological Activities of Paris polyphylla Smith: A Comprehensive Review of an Important Himalayan Medicinal Plant	Rawat J.M., Pandey S., Rawat B., Rai N., Preeti P., Thakur A., Butola J.S., Bachheti R.K.	20909063	Journal of Chemistry	2023		0	0	1	0	1	0	1
2023	Investigating the effects of corporate social responsibility on sustainable consumer purchase behavior	Ramtiyal B., Garg P., Johari S., Rathore A.P.S., Thakrey A.	23985364	Journal of Global Operations and Strategic Sourcing			0	0	0	0	0	0	0
2023	Application of Intelligent Computing (IC) in Human Resources (HR) Analytics: Towards better tomorrow	Minocha A., Gupta P., Gopal S.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	0	0	0	0
2023	Advancements in Fin-Tech and Security Challenges of Banking Industry	Gopal S., Gupta P., Minocha A.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	1	1	0	1
2023	Impact of Digital Technologies to Attain Sustainable Development Goals	Shah J.K., Sharma M., Misra A., Kaushal D., Joshi S.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	0	0	0	0
2023	Implementation of Hand Written based Signature Verification Technology using Deep Learning Approach	William P., Lanke G.R., Pundir S., Kumar I., Gupta M., Shaw S.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	2	0	2	0	2
2023	COVID-19 Pneumonia Identification from Chest X-Ray Image using Deep Learning	Chaturvedi A., Shrivastava A., Verma D., Kumar I., Gupta M., Rao A.K.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	0	0	0	0
2023	Assessment of Human Activity Recognition based on Impact of Feature Extraction Prediction Accuracy	William P., Lanke G.R., Bordoloi D., Shrivastava A., Srivastavaa A.P., Deshmukh S.V.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	3	1	4	0	4
2023	Covid-19 Detection on X-Ray Image Using Deep Learning	Boina R., Chaturvedi A., Sharma M., Shrivastava A., Kumar I., Rao A.		4th International Conference on Intelligent Engineering and Management, ICIEM 2023			0	0	0	0	0	0	0
2023	Load Balancing Strategies for Cloud Computing: A Simulation-Based Study	Rajpoot N.K., Singh P., Pant B.	20776772	Journal of Nano- and Electronic Physics	15	3	0	0	0	0	0	0	0
2023	Industry - Challenge to Pro-Environmental Manufacturing of Goods Replacing Single-Use Plastic by Indian Industry: A Study Toward Failing Ban on Single-Use Plastic Access	Shabbiruddin, Kanwar N., Jadoun V.K., Jayalakshmi N.S.J., Afthanorhan A., Fatema N., Malik H., Hossaini M.A.	21693536	IEEE Access	11		0	0	0	0	0	0	0
2023	Coumarins as anti-HIV agent and correlation with COVID-19: an overview	Kumar V., Joshi H.C., Pandey I.P., Kumar S.	17301270	HIV and AIDS Review	22	2	0	0	0	0	0	0	0
2023	Fuzzy logic based medical diagnostic system for hepatitis B using machine learning	Singh D., Rakhra M., Aledaily A.N., Kariri E., Viriyasitavat W., Yadav K., Dhiman G., Kaur A.	14327643	Soft Computing			0	0	0	0	0	0	0
2023	COVID-19: a Kano model and AHP-based classification of preventive activities under Fuzzy environment	Avikal S., Singh R., Barthwal A., Ram M.	0265671X	International Journal of Quality and Reliability Management			0	0	0	0	0	0	0
2023	Reliability Structures Consisting of Weighted Components: Synopsis and New Advances	Triantafyllou I.S.	22295666	Journal of Reliability and Statistical Studies	16	1	0	0	0	0	0	0	0
2023	MABAC framework for logarithmic bipolar fuzzy multiple attribute group decision-making for supplier selection	Jana C., Garg H., Pal M., Sarkar B., Wei G.	21994536	Complex and Intelligent Systems			0	0	3	1	4	0	4
2023	Editorial: Machine and deep-learning for computational neuroscience	Dhiman G., Viriyasitavat W., Nagar A.K.	16625188	Frontiers in Computational Neuroscience	17		0	0	0	0	0	0	0
2023	Study of the Single Step Green Synthesis of MgO Nanoparticles Using Peanut Shell Extract for the Evaluation of in Vitro Antibacterial and Photocatalytic Properties	Ahmad W., Biswas P.	24236845	Journal of Ultrafine Grained and Nanostructured Materials	56	1	0	0	1	1	2	0	2
2023	Contribution of Cloud-Based Services in Post-Pandemic Technology Sustainability and Challenges: A Future Direction	Pandey N.K., Kashyap S., Sharma A., Diwakar M.		Evolving Networking Technologies: Developments and Future Directions			0	0	0	0	0	0	0
2023	Signaling and crosstalk of rhizobacterial and plant hormones that mediate abiotic stress tolerance in plants	Aloo B.N., Dessureault-Rompre J., Tripathi V., Nyongesa B.O., Were B.A.	1664302X	Frontiers in Microbiology	14		0	0	2	1	3	0	3
2023	Defining the Convergence of Artificial Intelligence and Cyber Security with a Case Study of Email Spam Detection	Thapliyal S., Wazid M., Singh D.P.	21903018	Smart Innovation, Systems and Technologies	313		0	0	0	0	0	0	0
2023	Improving Railway Track System Using Soil Nails for Heavy Axle Load	Srivastava A., Hassan M., Gangwar R.	23662557	Lecture Notes in Civil Engineering	338		0	0	0	0	0	0	0
2023	Pullulanase: unleashing the power of enzyme with a promising future in the food industry	Naik B., Kumar V., Goyal S.K., Dutt Tripathi A., Mishra S., Joakim Saris P.E., Kumar A., Rizwanuddin S., Kumar V., Rustagi S.	22964185	Frontiers in Bioengineering and Biotechnology	11		0	0	0	1	1	0	1
2023	Aquatic Medicinal Plants	Bachheti A., Bachheti R.K., Husen A.		Aquatic Medicinal Plants			0	0	1	0	1	0	1
2023	Advanced detection of fungi-bacterial diseases in plants using modified deep neural network and DSURF	Saraswat S., Singh P., Kumar M., Agarwal J.	13807501	Multimedia Tools and Applications			0	0	0	0	0	0	0
2023	Interrelationships between circular economy and Industry 4.0: A research agenda for sustainable supply chains	de Mattos Nascimento D.L., de Oliveira-Dias D., Moyano-Fuentes J., Maqueira Marin J.M., Garza-Reyes J.A.	9644733	Business Strategy and the Environment			0	0	0	0	0	0	0
2023	Effect of Ambient Temperature on EV Charging Curves after Seven Years of EV Operation	Blazek V., Pergl I., Kedron P., Piecha M., Bajaj M.		2023 23rd International Scientific Conference on Electric Power Engineering, EPE 2023			0	0	1	0	1	0	1
2023	Some p, q -cubic quasi-rung orthopair fuzzy operators for multi-attribute decision-making	Chu Y.-M., Garg H., Rahim M., Amin F., Asiri A., Ameer E.	21994536	Complex and Intelligent Systems			0	0	1	2	3	0	3
2023	[METHANE IMPURITY EFFECT IN THE ACETYLENE DECOMPOSITION ON SIZE AND MORPHOLOGY OF THE APPEARING SOOT PARTICLES, ВЛИЯНИЕ ПРИМЕСИ МЕТАНА ПРИ РАЗЛОЖЕНИИ АЦЕТИЛЕНА НА РАЗМЕР И МОРФОЛОГИЮ ЧАСТИЦ ОБРАЗУЮЩЕЙСЯ САЖИ]	Shkolnikov E.I., Grigorenko A.V., Lipatova I.A., Kumar V., Vlaskin M.S.	18123368	Herald of the Bauman Moscow State Technical University, Series Natural Sciences	107	2	0	0	0	0	0	0	0

2023	Lean readiness of organizations–A systematic scientometric review	Prasad K.V., Vasugi V., Antony J., Garza-Reyes J.A., Venkatesan R.	14783363	Total Quality Management and Business Excellence	34	15-16	0	0	0	0	0	0	0
2023	Interaction Analysis of a Multivariable Process in a Manufacturing industry—A Review	Juneja P.K., Anand T., Saini P., Gupta R., Gill F.S., Sunori S.	23673370	Lecture Notes in Networks and Systems	672		0	0	0	0	0	0	0
2023	Plant Disease Classification Using Machine Learning	Singla R.S., Gupta A., Gupta R., Tripathi V., Naruka M.S., Awasthi S.		2023 International Conference on Disruptive Technologies, ICDT 2023			0	0	0	0	0	0	0
2023	An in-depth Analysis of COVID-19 data set in India using Exploratory Data Analysis	Shukla S.K., Dwivedi U., Singh G.D., Dumka A., Pant B.		2023 International Conference on Disruptive Technologies, ICDT 2023			0	0	0	0	0	0	0
2023	Severity of Lumpy Disease detection based on Deep Learning Technique	Narayan V., Awasthi S., Fatima N., Faiz M., Bordoloi D., Sandhu R., Srivastava S.		2023 International Conference on Disruptive Technologies, ICDT 2023			0	0	1	5	6	0	6
2023	Artificial Intelligence in Smart Education and Futuristic Challenges	Kumar R., Sexena A., Gehlot A.		2023 International Conference on Disruptive Technologies, ICDT 2023			0	0	0	0	0	0	0
2023	Robotic Process Automation Bridge -in Banking Institute and Consumers	Kumar R., Saxena A., Singh R.		2023 International Conference on Disruptive Technologies, ICDT 2023			0	0	0	0	0	0	0
2023	Non-linear analysis of CFRP-wrapped steel box sections under biaxial load	Tiwari P., Jain K., Emani P.K.	9650911	Proceedings of the Institution of Civil Engineers: Structures and Buildings			0	0	0	0	0	0	0
2023	Investigation of mechanical and dynamic mechanical analysis of bamboo/olive tree leaves powder-based hybrid composites under cryogenic conditions	Velmurugan G., Natrayan L., Chohan J.S., Vasanthi P., Angalaeswari S., Pravin P., Kaliappan S., Arunkumar D.	21906815	Biomass Conversion and Biorefinery			0	0	3	0	3	0	3
2023	Harnessing Blockchain to Address Plasma Donation Network Challenges	Batra S., Khan M.Z., Priyadarshi G., Noor A., Noor T.H., Sukhija N., Srivastava P.	15462218	Computers, Materials and Continua	76	1	0	0	0	0	0	0	0
2023	Analysis of various degradations of five years aged mono c-Si, poly c-Si, and thin-film photovoltaic modules from rooftop solar installations in Dhaka's tropical wet and dry climate conditions	Hossion A., Manoj Kumar N., Bajaj M., Alrashed M.M., Elnaggar M.F., Kamel S.	2296598X	Frontiers in Energy Research	11		0	0	0	0	0	0	0
2023	Comparative Analysis of NavIC Multipath Observables for Soil Moisture over Different Field Conditions	Shekhar S., Prakash R., Pandey D.K., Vidyarthi A., Putrevu D., Desai N.	19378726	Progress In Electromagnetics Research M	117		0	0	1	0	1	0	1
2023	A Comparative Analysis of Different Diagnostic Imaging Modalities	Kumar V., Poddar S., Rastogi N., Joshi K., Gupta A., Saxena P.	23673370	Lecture Notes in Networks and Systems	681		0	0	0	0	0	0	0
2023	An Insight into Machine Learning and Feature Selection Techniques for Predicting Academic Outcomes	Aggarwal D., Singh R., Jain P., Rajput M., Tygai V.		2023 IEEE IAS Global Conference on Emerging Technologies, GlobConET 2023			0	0	0	0	0	0	0
2023	Analysis of Disease Prevention System Using Machine Learning	Mishra A., Singh H., Dubey S., Rawat A., Singh A.K., Kumar A.		2023 IEEE IAS Global Conference on Emerging Technologies, GlobConET 2023			0	0	0	0	0	0	0
2023	Performance Optimization of TiO2/iCh3Nh3SnI3/Cu2O Solar Cell Using Numerical Analysis	Tiwari C., Mishra V., Deepak K.		2023 2nd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2023			0	0	0	0	0	0	0
2023	Blockchain Based Fake Item Identification System	Saxena N., Singh H., Singh P., Agarwal N., Tyagi V.		2023 IEEE IAS Global Conference on Emerging Technologies, GlobConET 2023			0	0	0	0	0	0	0
2023	Real-Time Face Mask Detector	Patel V., Guru Prasad M.S., Aditya Pai H., Kumar A.S., Praveen Gujjar J., Naveen Kumar H.N.		3rd IEEE International Conference on Technology, Engineering, Management for Societal Impact using Marketing, Entrepreneurship and Talent, TEMSMET 2023			0	0	2	0	2	0	2
2023	Analysis of Automated Healthcare Diagnosis Models Using Machine Learning	Nagar P., Singh H., Bhati M., Singh H., Kumar A.		2023 IEEE IAS Global Conference on Emerging Technologies, GlobConET 2023			0	0	0	0	0	0	0
2023	An Overview of Nanomaterial Applications in Pharmacology	Roy M., Roy A., Rustagi S., Pandey N.	23146133	BioMed Research International	2023		0	0	2	0	2	0	2
2023	An Overview of Bacteria-Mediated Heavy Metal Bioremediation Strategies	Roy R., Samanta S., Pandit S., Naaz T., Banerjee S., Rawat J.M., Chaubey K.K., Saha R.P.	2732289	Applied Biochemistry and Biotechnology			0	0	0	4	4	0	4
2023	Risk-based reliability assessment and testing stop time based software system modeling	Gupta P., Anand A., Tamura Y., Ram M.	0265671X	International Journal of Quality and Reliability Management			0	0	0	0	0	0	0
2023	Route forecasting-based authentication scheme using A* algorithm in vehicular communication network	Agarwal V., Sharma S., Bansal G.	14710242	International Journal of Vehicle Information and Communication Systems	8	1-2	0	0	1	0	1	0	1
2023	NMDA Inhibitors: A Potential Contrivance to Assist in Management of Alzheimer's Disease	Painuli S., Semwal P., Zam W., Taheri Y., Ezzat S.M., Zuo P., Li L., Kumar D., Sharifi-Rad J., Cruz-Martins N.	13862073	Combinatorial Chemistry and High Throughput Screening	26	12	0	0	1	0	1	0	1
2023	Uncertainty Management in Electrical Power Systems	Kumar A., Kavitha P., Rajesh T., Selvan S., Kuila S., Kukreti R.		Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023			0	0	0	0	0	0	0
2023	Congenital Heart Disease Prediction based on Hybrid Approach of CNN-GRU-AM	Khan I., Maniraj S.P., Reddy K.S., Balaji V., Kalaivani K., Singh M.		Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023			0	0	1	0	1	0	1
2023	Cyber Security Integration with Smart New Age Sustainable Startup Business, Risk Management, Automation and Scaling System for Entrepreneurs: An Artificial Intelligence Approach	Dasawat S.S., Sharma S.		Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023			0	0	7	0	7	0	7

2023	Cloud and IoT based Framework for Air and Noise Pollution Monitoring System via Extreme Learning Machine	Tinnaluri V.S.N., Sahukar L., Chaudhari A., Malathy G., Kolavennu S., Leonard L.		Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023			0	0	0	0	0	0	0
2023	Weighted Mask Recurrent-Convolutional Neural Network based Plant Disease Detection using Leaf Images	Sharmila R., Kamalitta R., Moorthy, Singh D.P., Chauhan A., Acharjee P.B.		Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence and Applications	Jha J., Vishwakarma A.K., Chaithra N., Nithin A., Sayal A., Gupta A., Kumar R.		2023 1st International Conference on Intelligent Computing and Research Trends, ICRT 2023			0	0	1	1	2	0	2
2023	Earlier Stage Identification of Bone Cancer with Regularized ELM	Murugesan S., Sharma N., Jayalakshmi N., Pant K., Chauhan A., Acharjee P.B.		Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023			0	0	0	0	0	0	0
2023	Industry 4.0 and Health Care System with special reference to Mental Health	Kumar K., Chaudhary S., Anandaram H., Kumar R., Gupta A., Joshi K.		2023 1st International Conference on Intelligent Computing and Research Trends, ICRT 2023			0	0	0	0	0	0	0
2023	Cyber Attack Detection Techniques in Cyber Physical System for Pharmaceutical Care Services	Devliyal S., Goyal H.R., Sharma S.		ICSCCC 2023 - 3rd International Conference on Secure Cyber Computing and Communications			0	0	3	0	3	0	3
2023	Privacy Prevention Techniques in Cyber Physical System for Pharmaceutical Care Services	Devliyal S., Sharma S., Goyal H.R.		2023 International Conference on Power, Instrumentation, Control and Computing, PICC 2023			0	0	3	0	3	0	3
2023	Machine Vision Techniques for Cervical Intraepithelial Neoplasia Detection	Kapruwan A., Goyal H.R., Sharma S.		2023 International Conference on Power, Instrumentation, Control and Computing, PICC 2023			0	0	1	0	1	0	1
2023	Natural Language Processing (NLP)-Powered Legal A(t)Ms (LAMs) in India: Possibilities and Challenges	Alexopoulos C., Saxena S., Saxena S.	18687865	Journal of the Knowledge Economy			0	0	0	0	0	0	0
2023	Consequences of Substance Abuse on Non-addicted Family Members and their Role in Treatment and Rehabilitation Initiatives	Ajay D., Sharad K., Kothari S., Mohan A.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Modified Cuckoo Algorithm (mCA-CNN) for Detection and Diagnosis of Pancreatic Tumor using Region-based Segmentation Techniques	Bhanja N., Akila A., Sudheer D., Kumar A., Chanda P., Dani R.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	Predicting and Analyzing Air Quality Features Effectively using a Hybrid Machine Learning Model	Bhanja N., Akila A., Sudheer D., Kumar A., Chanda P.B., Dani R.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	A Novel Architecture for Developing IoT Solutions Applied to Healthcare	Levina, Kaliyamoorthi P., Dattu V.S.N.C.H., Dineshnath G., Jaiganesh S., Dobhal D.C., Robin C.R.R.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	IoT based Coal Mining Monitoring and Control	Esther B.P., Chandan M., Dattu V.S.N.C., Sakthivel M., Rajesh R., Sarishma, Mohanavel V.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	A Successful Spam Detection Technique for Industrial IoT Devices based on Machine Learning Techniques	Manjunatha B.N., Chandan M., Kottu S., Rappai S., Hema P.K., Singh Rawat K., Sarkar S.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	Secure Federated Learning for Intelligent Industry 4.0 IoT Enabled Self Skin Care Application System	Sharma S., Bhadula S.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	3	0	3	0	3
2023	Optimization of the ART Tomographic Reconstruction Algorithm - Monte Carlo Simulation	Raviraja S., Seethalakshmi K., Kushwaha S., Vishnu Priya P.M., Kumar K.R., Dhyani B., Prabhu V.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	1	0	1	0	1
2023	Effect of cassava tuber nanocellulose and satin weaved bamboo fiber addition on mechanical, wear, hydrophobic, and thermal behavior of unsaturated polyester resin composites	Saravanan K.G., Kaliappan S., Natrayan L., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	0	1	0	1	0	1
2023	Accurate Click Fraud Rapid Detection of AD Requests for Smartphone Platforms	Justin Sophia I., Meganathan R., Dhanasakkaravarthi B., Kumar S.S., Mishra A.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	Self-Healing for Software Defined Networking	Biradar A., Chandan M., Raghavendra Y.M., Chidambarathanu K., Thamarai I., Raturi A.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	Improvement of a Conflict Prediction Model on Highways using Deep Learning	Dalai C., Manoj P., Christiana M.B.V., Karthik K., Sathishkannan R., Rathi V., Prasad A.R.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	Optimization Model for Energy Management in a Microgrid	Satish G., Dalai C., Dattu V.S.N.C., Rayudu K., Sathish T., Purohit K.C.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	N,N-Dimethylaniline and Zno nanoparticles mediated photochemical transformation of metronidazole	Ahmad W., Negi P.	19277296	Current Chemistry Letters	12	4	0	0	0	0	0	0	0
2023	Application of Deep Neural Networks for Weed Detection and Classification	Ganesan R., Manjula G., Chandan M., Thamarai I., Rajavelu S., Bhatt U.M., Sarkar S.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	Fake Currency Note Recognition using Extreme Learning Machine	Kumar R., Lamba A.K., Mohammed S., Asokan A., Aswal U.S., Kolavennu S.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	Comparison of the Performance-Degrading Near-Interface Traps in Commercial SiC MOSFETs	Chaturvedi M., Dimitrijev S., Haasmann D., Moghadam H.A., Pande P., Jadli U.	2555476	Materials Science Forum	1091		0	0	0	0	0	0	0

2023	Floating Junction Analysis in Bifacial Pert Solar Cells	Kalai Priya V., Kumar A., Muthuraj B., Joshi S.K., Kumar B.K., Garg N., Prasad A.R.		Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023			0	0	0	0	0	0	0
2023	A Novel Prediction System to Diagnose Heart Disease	Shukla A., Khan I.R., Sharma V., Soni M., Gupta S., Kumar A.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Characterization and Docking Studies of Immunomodulatory Active Compounds from Rhododendron arboreum Sm. Leaves	Rai N., Rawat P., Bachheti R.K., Kumar N., Rauf A., Rashid U., Kumar V.J., Sarkar T., Pezzani R.		Sustainable Uses and Prospects of Medicinal Plants			0	0	0	0	0	0	0
2023	A Consistent Deep Neural Network to Diagnose Heart Disease	Vijay Sekhar Babu M., Jha A., Soni M., Shafiq S.I., Gupta S., Singh P.P.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Medicinal Plant-Based Lignin and Its Role in Nanoparticles Synthesis and Applications	Worku L.A., Tadesse M.G., Bachheti A., Husen A., Bachheti R.K.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0
2023	A Security Model for Perceptive 5G-Powered BC IoT Associated Deep Learning	Davuluri S.K., Alvi S.A.M., Aeri M., Agarwal A., Serajuddin M., Hasan Z.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Green and Cost-Effective Nanoparticles Synthesis from Some Frequently Used Medicinal Plants and Their Various Applications	Zebeaman M., Bachheti R.K., Bachheti A., Pandey D.P., Deepti, Husen A.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0
2023	Recent advancements in treatment technologies for lignocellulosic fermentation of water hyacinth	Pandey R., Pal P., Zhang D., Pant G., Harvey A.P., Kushwaha A., Goswami S.		Bio-Based Materials and Waste for Energy Generation and Resource Management: Present and Emerging Waste Management Practices: Volume 5 of Advanced Zero Waste Tools			0	0	1	0	1	0	1
2023	Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications	Bachheti R.K., Bachheti A.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0
2023	Access Control in E-Healthcare Records Employing Mobile Cloud Computing Model and Big Data Analytics	Sekhar J.C., Ezhilarasi P., Bordoloi D., Dhaliwal N., Sisodia S., Shobana A.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Support Vector Machine based Multi-Class Classification for Oriented Instance Selection	Davuluri S.K., Srivastava D., Aeri M., Arora M., Keshta I., Rivera R.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Kohonen Self-Organizable Maps based Classification of Optical Code Division Multiple Access Codes	Shankari S., Hariharan G., Kushwaha S., Vidhya K., Vijaya Kumar Reddy R., Madan P.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Heart Disease Prediction Based on Various Machine Learning Techniques	Mahara B., Chayal, Kumar B., Negi H.S.		Future Connected Technologies: Growing Convergence and Security Implications			0	0	0	0	0	0	0
2023	Preface	Bachheti R.K., Bachheti A.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0
2023	Recent molecular and omics approaches to study rhizosphere functioning	Joshi S., Gangola S., Rani A., Sahgal M., Tewari S., Bhandari N.S., Jaggi V., Prakash O.		Advanced Microbial Technology for Sustainable Agriculture and Environment			0	0	1	0	1	0	1
2023	Identification of Coronary Artery Disease using Extra Tree Classification	Wahid N., Zaidi A., Dhiman G., Manwal M., Soni D., Maaliw R.R.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	1	0	1	0	1
2023	Medicinally Important Seed Extract and Seed Oil-Mediated Nanoparticles Synthesis and Their Role in Drug Delivery and Other Applications	Abate L., Megra M.B., Nigussie Y., Zebeaman M., Tadesse M.G., Bachheti A., Bachheti R.K., Husen A.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0
2023	Medicinally Important Plant Roots and Their Role in Nanoparticles Synthesis and Applications	Gonfa Y.H., Tessema F.B., Tadesse M.G., Bachheti A., Bachheti R.K.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0
2023	Current Status and Application of Data-Analytics in Cardiovascular Care	Dobhal D.C., Kumar B.		Future Connected Technologies: Growing Convergence and Security Implications			0	0	0	0	0	0	0
2023	A Productive Model for Secured Data Sharing in Blockchain Technology based IoT	Narayana Tinnaluri V.S., Jyothi Babu A., Shanmugaraja P., Satheesh Kumar S., AdityPai H.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Essential Oils from Medicinal Plants and Their Role in Nanoparticles Synthesis, Characterization, and Applications	Bachheti R.K., Worku L.A., Hunde Y., Tadesse M.G., Bachheti A., Pandey D.P., Sharma A., Zebeaman M., Husen A.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0
2023	Application of Developmental Services based on IoT Efficiency	Rawat V., Singh N., Bijalwan R., Verma P.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Node based Label Propagation for Bitcoin Transaction Pattern Identification Over Similar Community	Manwal M., Alvi A.M., Turaga N.K., Mittal A., Rivera R., Degadwala S.		6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings			0	0	0	0	0	0	0
2023	Medicinal Plant-Based Flavonoid-Mediated Nanoparticles Synthesis, Characterization, and Applications	Mengstu A., Esubalew S., Abate L., Bachheti R.K., Husen A., Bachheti A.		Secondary Metabolites from Medicinal Plants: Nanoparticles Synthesis and their Applications			0	0	0	0	0	0	0

2023	Role of microorganisms in agricultural waste management	Verma S., Kumar A., Joshi S., Gangola S., Rani A.		Advanced Microbial Technology for Sustainable Agriculture and Environment			0	0	0	0	0	0	0
2023	Role of psychrophilic and psychrotolerant microorganisms toward the development of hill agriculture	Chauhan M., Rani A., Joshi S., Sharma P.K.		Advanced Microbial Technology for Sustainable Agriculture and Environment			0	0	0	0	0	0	0
2023	Green Cloud Computing: Goals, Techniques, Architectures, and Research Challenges	Sneha, Tripathi V., Singh P., Pandey P.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	1	0	1	0	1
2023	Exploring the Potential of VR Interfaces in Animation: A Comprehensive Review	Sharma S., Tripathi V., Singh P., Pandey P.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	0	0	0	0	0
2023	Appraisal of Groundwater Quality using Artificial Neural Network (ANN): A case study of Penisular, India	Rawat K.S., Gupta K.K.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	0	0	0	0	0
2023	Newly engineered nanoparticles as potential therapeutic agents for plants to ameliorate abiotic and biotic stress	Sharma M., Singh P.	9749411	Journal of Applied and Natural Science	15	2	0	0	0	0	0	0	0
2023	Social Distancing Detector Using YOLO3 Algorithm	Dumka A., Chaudhari V., Gangotkar D., Ashok A., Yadav D.	23673370	Lecture Notes in Networks and Systems	628		0	0	0	0	0	0	0
2023	Cyber-Physical Systems for Smart City Applications: A Comparative Study	Singh K.D., Singh P., Chhabra R., Kaur G., Bansal A., Tripathi V.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	2	0	2	0	2
2023	Adaptive Neuro Fuzzy Control of Triple Inverted Pendulum System	Kharola A., Rahul, Pokhriyal V.	18761100	Lecture Notes in Electrical Engineering	1023		0	0	0	0	0	0	0
2023	Deep Learning based Multiple Skin Disease Classification in Indian Territory	Gairola A.K., Kumar V., Sahoo A.K.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	1	0	1	0	1
2023	Detection of Paddy Fields in Maharashtra's Eastern Region during the Kharif Season Using Sentinel-1A SAR Data and Geographic Information System (GIS)	Meshram P., Rawat K.S.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	1	0	1	0	1
2023	Fog-Centric Intelligent Surveillance System: A Novel Approach for Effective and Efficient Surveillance	Singh P., Singh K.D.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	0	0	0	0	0
2023	Understanding the Role of Digital Technologies in Supply Chain Management of SMEs	Bansal S., Kumar V., Kumari A., Kuzmin E.	21954968	Lecture Notes in Information Systems and Organisation	61		0	0	0	0	0	0	0
2023	Twitter Sentiment Analysis on Russia Ukraine War	Chaudhari V., Dumka A., Rastogi N., Ashok A., Pant B.	23673370	Lecture Notes in Networks and Systems	628		0	0	1	0	1	0	1
2023	Time Delay Approximation Effect on Open Loop Performance of a Delayed Industrial Process Model	Juneja P.K., Saini P., Varshney N., Naithani D., Sunori S.K., Gill F.S.	23673370	Lecture Notes in Networks and Systems	623		0	0	0	0	0	0	0
2023	Design and Develop A Delay Sensitive Smart Health Framework Using Nature Inspired Load Balancer	Rajpoot N.K., Singh P., Pant B.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	0	0	0	0	0
2023	Editorial: What Does Industry's Digital Transition Hold in the Uncertainty Context?	Akberdina V., Kumar V., Kyriakopoulos G.L., Kuzmin E.	21954968	Lecture Notes in Information Systems and Organisation	61		0	0	0	0	0	0	0
2023	A Novel Cloud-based Framework to Predict the Employability of Students	Singh K.D., Singh P.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	0	0	0	0	0
2023	Experimenting Transfer Learning and Machine Learning on Endoscopy Database with Augmentation	Angurala M., Khullar V., Singh P.	18761100	Lecture Notes in Electrical Engineering	1023		0	0	0	0	0	0	0
2023	A Comparision of Digital Transformation of Industry in the Russian Federation with the European Union	Kumar V., Korovin G.	21954968	Lecture Notes in Information Systems and Organisation	61		0	0	1	0	1	0	1
2023	Retreat of Gangotri glacier and find out the snout position using Remote Sensing and Geographic Information Systems	Rawat K.S., Singh D.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	0	0	0	0	0
2023	An Integrating Computational Approach Review to Analyse the Biological Functions	Kimothi S., Joshi P., Shukla S., Kumar R., Ahmad I., Memoria M.		2023 International Conference on Advancement in Computation and Computer Technologies, InCACCT 2023			0	0	1	0	1	0	1
2023	A Multi-Criteria Intelligence AID Methodology and IoT Based Data Protection Using Machine Learning	Manikandan K.P., Anusha P., Jayaj A., Pundir S., Rammohan K., Adhikary P.		Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023			0	0	0	0	0	0	0
2023	Mechanical, fatigue, and hydrophobic properties of silane-treated green pea fiber and egg fruit seed powder epoxy composite	Kaliappan S., Natrayan L., Kumar P.V.A., Raturi A.	21906815	Biomass Conversion and Biorefinery			0	0	2	1	3	0	3
2023	Cancer Malignancy Prediction Using Machine Learning: A Cross-Dataset Comparative Study	Rawat P., Bajaj M., Mehta S., Sharma V., Jain A., Manjul M.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	3	0	3	0	3

2023	The use of machine learning (ML) in sustainable systems-An Overview	Salama R., Al-Turjman F., Altrjman C., Bordoloi D.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	An Empirical Assessment of Key Challenges influencing the MEI in Current Digitalized Scenario	Goel A., Awasthi M., Sajwan V., Kansal M., Agarwal S., Kumar R., Memoria M., Joshi K., Gupta A.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	Blockchain Enabled Intelligent Surveillance System Model with AI and IoT	Sathyaseelan K., Vyas T., Madala R., Chamundeeswari V., Rai Goyal H., Jayaraman R.		Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023			0	0	0	0	0	0	0
2023	A Study on Liver Disease Using Different Machine Learning Algorithms	Rawat P., Bajaj M., Prerna P., Vats S., Sharma V., Das P.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	3	0	3	0	3
2023	An Effective Machine Learning based Heart Disease Diagnosis Analysis	Pandey A., Gupta M.P., Diwakar M., Dangi S., Madan P., Singh P.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	Metaheuristic Optimization Algorithms and recent applications: A comprehensive survey	Sunaina S., Shivahare B.D., Kumar V., Gupta S.K., Singh P., Diwakar M.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	Wireless Sensor Networks and Green Networking for 6G communication- An Overview	Salama R., Al-Turjman F., Bordoloi D., Yadav S.P.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	Artificial Intelligence Role in Electronic Invoice Under Goods and Services Tax	Kumar R., Malholtra R.K., Singh R., Kathuria S., Balyan R., Pal P.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	An Intelligent and Effective Framework for Reduction of Diabetes Risk	Mishra A.K., Tripathi N., Gupta A., Pandey N.K., Singh Rana D., Diwakar M.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	Blockchain: Its Applications And Challenges	Sayal A., Jha J., Chaithra N., Gupta V., Gupta A., Memoria M.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	1	1	2	0	2
2023	Object Classification Using A rtificial i ntelligence Technique s i n Autonomous Vehicles	Juyal A., Sharma S., Matta P.		2023 3rd International Conference on Artificial Intelligence and Signal Processing, AISP 2023			0	0	2	0	2	0	2
2023	Ethically Governed Artificial Intelligence Based Innovative Business Research in Finance and Marketing System	Krishna S.H., Madala R., Ramya P., Sabarirajan A., Dobhal D., Sapate S.		Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023			0	0	3	0	3	0	3
2023	Cyber Defence Based on Artificial Intelligence and Neural Network Model in Cybersecurity	Sugumaran D., Mahaboob John Y.M., Mary C J.S., Joshi K., Manikandan G., Jakka G.		Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023			0	0	0	0	0	0	0
2023	Real-Time Intelligent Information Protection Using AI and Machine Learning Model	Anusha P., Beatrice Dorothy A., Kamalraj N., Pundir S., Verma S., Jakka G.		Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023			0	0	0	0	0	0	0
2023	Performance Anlysis of i-Ch3Nh3SnI3Perovskite Solar Cell Using Numerical Technique	Tiwari C., Mishra V., Chandra Reddy G.S.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	0	0	0	0	0
2023	The ways in which Artificial Intelligence improves several facets of Cyber Security-A survey	Salama R., Al-Turjman F., Altrjman C., Bordoloi D.		2023 International Conference on Computational Intelligence, Communication Technology and Networking, CICTN 2023			0	0	1	0	1	0	1
2023	Federated Learning in Intelligent Traffic Management System	Agarwal P., Sharma S., Matta P.		Winter Summit on Smart Computing and Networks, WiSSCoN 2023			0	0	1	0	1	0	1
2023	Adoption and perception of banking customers towards green mode of banking: a demonstration of structural equation modelling	Tyagi S., Gupta A., Ansari N.	13630539	Journal of Financial Services Marketing			0	0	1	0	1	0	1
2023	Deploying Machine Learning Algorithms for Predictive Maintenance of High-Value Assets of Indian Railways	Saurav K., Avesh M., Sharma R.C., Hossain I.	25228366	Energy, Environment, and Sustainability	647		0	0	0	0	0	0	0
2023	Factors Influencing Adolescent Mental Health Especially in Terms of Self-Esteem and the Impact of Peer Pressure	Bhawana S., Ajay D., Sharad K., Ghai S., Nandal N.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Comparative Study of Regenerative Braking at Different Gradients for Indian Railways WAP-7 Locomotive Incorporating a Flywheel Model	Kuila S., Yadav S., Avesh M., Sharma R.C.	25228366	Energy, Environment, and Sustainability	647		0	0	0	0	0	0	0
2023	Lean-sustainability assessment framework development: evidence from the construction industry	Suresh M., Antony J., Nair G., Garza-Reyes J.A.	14783363	Total Quality Management and Business Excellence	34	15-16	0	0	0	0	0	0	0

2023	Framework for Digital Supply Chains and Analysis of Impact of Challenges on Implementation of Digital Transformation	Perla K.V.N.P., Sharma R.C.	25228366	Energy, Environment, and Sustainability	647		0	0	0	1	1	0	1
2023	Catalytically active nanomaterials as artificial enzymes	Mehra A., Chamoli S., Kumar N., Gautam V., Shrivastava P., Kumar V., Verma P., Kumar P., Maurya P.K.		Oxides for Medical Applications			0	0	0	1	1	0	1
2023	ROS-mediated pathogen control by ZnO and MgO nanoparticles	Sharma R., Giri S.K., Kumar A., Chamoli S., Singh G.		Oxides for Medical Applications			0	0	0	0	0	0	0
2023	Emerging applications of nano-modified bio-fuel cells	Bhatt R., Shukla P., Mishra A., Bajpai A.K.		Nanotechnology for Advanced Biofuels: Fundamentals and Applications			0	0	0	0	0	0	0
2023	Assessing feasibility of design constraints for mills in planning and scheduling of cold rolling: A case of steel industry	Kumar R., Kumar D., Ramtiyal B., Vijayvargy L., Bisht S.	9756809	International Journal of System Assurance Engineering and Management			0	0	0	0	0	0	0
2023	An Intelligent Healthcare System for Diagnosis Based on Machine Learning Technique	Aggarwal L., Goswami P., Batra S., Alam S., Kumar A., Srivastava P.		2nd Edition of IEEE Delhi Section Owned Conference, DELCON 2023 - Proceedings			0	0	0	0	0	0	0
2023	Data Analytics of Online Education during Pandemic Health Crisis: A Case Study	Ahmad I., Sharma S., Kumar R., Dhyani S., Dumka A.		2nd Edition of IEEE Delhi Section Owned Conference, DELCON 2023 - Proceedings			0	0	2	0	2	0	2
2023	Data sampling approach using heuristic Learning Vector Quantization (LVQ) classifier for software defect prediction	Amanullah M., Thanga Ramya S., Sudha M., Gladis Pushparathi V.P., Haldorai A., Pant B.	10641246	Journal of Intelligent and Fuzzy Systems	44	3	0	0	0	1	1	0	1
2023	Rotor angle stability and voltage stability improvement of highly renewable energy penetrated western grid of Bangladesh power system using FACTS device	Barua P., Shekher V., Kumar V., Ansari M.F., Alguno A.C., Barua R.	23311916	Cogent Engineering	10	1	0	0	0	0	0	0	0
2023	Interaction hamy mean operators for complex pythagorean fuzzy information and their applications to security threats in computers	Garg H., Kahraman C., Ali Z., Mahmood T.	10641246	Journal of Intelligent and Fuzzy Systems	44	3	0	0	1	0	1	0	1
2023	Machine Learning Based Algorithm for Earthquake Monitoring	Varshney N., Kumar G., Kumar A., Pandey S.K., Singh T., Singh K.U.		Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023			0	0	0	0	0	0	0
2023	AI-Enable Generating Human Faces using Deep Learning	Varshney N., Kumar G., Kumar A., Pandey S.K., Singh T., Singh K.U.		Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023			0	0	0	0	0	0	0
2023	A Review of Wheel-Rail Dynamic Behavior on Curved Tracks	Sharma R.C., Palli S., Bhardawaj S.	9753060	International Journal of Vehicle Structures and Systems	15	1	0	0	1	0	1	0	1
2023	Plants and Plant-Derived Molecules as Natural Immunomodulators	Zebeaman M., Tadesse M.G., Bachheti R.K., Bachheti A., Gebeyhu R., Chaubey K.K.	23146133	BioMed Research International	2023		0	0	3	1	4	0	4
2023	The combined study of improved fuzzy optimisation techniques with the analysis of the upgraded facility location centre for the Covid-19 vaccine by fuzzy clustering algorithms	Kumar R., Dhiman G., Joshi V., Jhaveri R.H., Bhoi A.K.	14757435	International Journal of Nanotechnology	20	1-4	0	0	2	0	2	0	2
2023	Anti-cancer Application of Nat-ZnFe2O4 Nanoparticles on 2D Tumor Models	Chabattula S.C., Patra B., Gupta P.K., Govarthanan K., Rayala S.K., Chakraborty D., Verma R.S.	2732289	Applied Biochemistry and Biotechnology			0	0	1	0	1	0	1
2023	Reliability Modeling in Industry 4.0	Ram M., Xing L.		Reliability Modeling in Industry 4.0			0	0	0	0	0	0	0
2023	Emerging Trends in Zinc Ferrite Nanoparticles for Biomedical and Environmental Applications	Garg J., Chiu M.N., Krishnan S., Kumar R., Rifah M., Ahlawat P., Jha N.K., Kesari K.K., Ruokolainen J., Gupta P.K.	2732289	Applied Biochemistry and Biotechnology			0	0	0	1	1	0	1
2023	Detection of Breast Cancer Diagnosis Algorithm Based on TWCNN Technique	Singh B., Ahmed T.I., Suganthi P., Ananthi S., Pant K., Koul M.K.	25228595	EAI/Springer Innovations in Communication and Computing	274		0	0	0	0	0	0	0
2023	Preface	Ram M., Xing L.		Reliability Modeling in Industry 4.0			0	0	0	0	0	0	0
2023	Prediction of higher heating values based on imminent analysis by using regression analysis and artificial neural network for bioenergy resources	Singh P.K., Chauhan S.S., Sharma A., Prakash S., Singh Y.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering			0	0	3	0	3	0	3
2023	Editorial: Consequences of Social Transformation for Economic Theory	Kumar V., Lavrikova Y., Kuzmin E., Zhang W.B.	21987246	Springer Proceedings in Business and Economics			0	0	0	0	0	0	0
2023	Performance Comparison of HC-SR04 Ultrasonic Sensor and TF-Luna LIDAR for Obstacle Detection	Jain U., Kansal V., Dewangan R., Dhasmana G., Kotiyal A.	23673370	Lecture Notes in Networks and Systems	586		0	0	0	0	0	0	0
2023	Study on online payments and e-commerce with SOR model	Kumar R., Singh T., Mohanty S.N., Goel R., Gupta D., Alharbi M., Khanna R.	9590552	International Journal of Retail and Distribution Management			0	0	1	0	1	0	1
2023	Artificial Intelligence and Machine Learning Techniques for Analysis of Yoga Pose	Gupta S., Panwar A.	18761100	Lecture Notes in Electrical Engineering	1007		0	0	1	0	1	0	1
2023	Influence of Time Delay on Predator-Prey Model Having Herd Behaviour and Hunting Cooperation	Shivam, Singh T., Kumar M.	23673370	Lecture Notes in Networks and Systems	627		0	0	0	0	0	0	0
2023	Strokes-Related Disease Prediction Using Machine Learning Classifiers and Deep Belief Network Model	Anand Kumar M., Purohit K.C., Singh A.	18761100	Lecture Notes in Electrical Engineering	984		0	0	0	0	0	0	0
2023	Enhancing the bio-prospects of microalgal-derived bioactive compounds in food industry: a review	Bhatnagar P., Gururani P., Joshi S., Singh Y.P., Vlaskin M.S., Kumar V.	21906815	Biomass Conversion and Biorefinery			0	0	3	2	5	0	5
2023	A novel coarse-to-fine computational method for three-dimensional landmark detection to perform hard-tissue cephalometric analysis	Yadav K., Al-Dhlan K.A., Alreshidi H.A., Dhiman G., Viriyasitavat W.G., Almankory A.Z., Ramana K., Vimal S., Rajinikanth V.	2664720	Expert Systems			0	0	0	0	0	0	0

2023	Intelligent classification of coal seams using spontaneous combustion susceptibility in IoT paradigm	Mishra A., Gupta S.K.	19392699	International Journal of Coal Preparation and Utilization			0	0	3	0	3	0	3
2023	Improvement in Synchronous Motor Speed Control System Using MPC Technique	Sunori S.K., Manu M., Juneja P.		2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023			0	0	0	0	0	0	0
2023	Deep Learning Tools and Techniques in E-Healthcare Supply Chain Management System	Painuly S., Sharma S., Matta P.		2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023			0	0	2	0	2	0	2
2023	Sustainable Intelligent Information System for Tourism Industry	Kumar A., Goyal H.R., Sharma S.		2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023			0	0	1	0	1	0	1
2023	Flood Management System Using Cloud Computing and Internet-of-Things	Goyal H.R., Sharma S.		5th Biennial International Conference on Nascent Technologies in Engineering, ICNTE 2023			0	0	2	0	2	0	2
2023	Soft Computing and the Applications based on Machine Learning for the Healthcare Organization	Verma D., Verma P.		2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023			0	0	0	0	0	0	0
2023	Implementation of Reinforcement Learning and Imaging for Better Decision-making in the Medical Sector	Rawat R.S., Rana D.S.		2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023			0	0	0	0	0	0	0
2023	A Novel First-Order Fuzzy Rules-Based Forecasting System Using Distance Measures Approach for Financial Market Forecasting	Hassan S.G., Kieuvan T.T., Liu S., Garg H., Hassan M., Iqbal S.	23144629	Journal of Mathematics	2023		0	0	0	0	0	0	0
2023	A Comparative Analysis on Machine Learning based Brain Tumor Detection Techniques	Negi H., Bhatt A., Dimri S., Kumar B.		7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings			0	0	0	0	0	0	0
2023	Real-Time Human Action Recognition with Multimodal Dataset: A Study Review	Joshi K., Rastogi R., Joshi P., Anandaram H., Gupta A., Mohialden Y.M.	18761100	Lecture Notes in Electrical Engineering	1011		0	0	0	0	0	0	0
2023	Docker Networking: A Security Review	Chamoli S., Mittal V.		7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings			0	0	0	0	0	0	0
2023	Need of Cyber Security, Tools, Uses and Future Research	Pandey P., Wazid M., Mishra A.K., Mohd N., Singh D.P.		7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings			0	0	2	0	2	0	2
2023	Building risk mitigation strategies for circularity adoption in Indian textile supply chains	Mishra A., Soni G., Ramtiyal B., Dhaundiyal M., Kumar A., Sarma P.R.S.	2545330	Annals of Operations Research			0	0	3	2	5	0	5
2023	Classification and Detection of Skin Disease Based on Machine Learning and Image Processing Evolutionary Models	Bordoloi D., Singh V., Kaliyaperumal K., Ritonga M., Jawarneh M., Kassanuk T., Quinonez-Choquecota J.	22993649	Computer Assisted Methods in Engineering and Science	30	2	0	0	2	1	3	0	3
2023	Connecting People, Environment and Spirituality: Reflections upon the Possession Syndrome	Ajay D., Sharad K., Patra I., Singh P.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Impact of Media Violence on Behaviour of Children Exposed to Subtle and Direct Forms as Visualized on Television, Movies and Video Games	Aneesha P., Sharad K., Ajay D., Kaushal D., Nandal N.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Predicting Psychological Distress to Prevent Cardiac Infarct – Meanings in Therapy output	Ajay D., Sharad K., Raj R., Naaz R.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Psycho-Sociological Impact of Social Websites Influence on Inter-Personnel Interactions and Behaviour	Nikita S., Ajay D., Sharad K., Rawat N., Nandal N.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Exploring the Newer Horizons of Online Therapy – Its use and Effectiveness	Bhawana S., Sharad K., Ajay D., Ali A.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Malicious Host Detection in Software Defined Networks Using Machine Learning Algorithms	Praveen Gujjar J., Sharief M.H., Mukherjee U., Anand Kumar M., Guru Prasad M.S.		2023 3rd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2023			0	0	0	0	0	0	0
2023	Integration of Wind Systems with SVC and STATCOM during Various Events to Achieve FRT Capability and Voltage Stability: Towards the Reliability of Modern Power Systems	Mahmoud M.M., Salama H.S., Bajaj M., Aly M.M., Vokony I., Bukhari S.S.H., Wapet D.E.M., Abdel-Rahim A.-M.M.	0363907X	International Journal of Energy Research	2023		0	0	7	0	7	0	7
2023	Efficient Artificial Neural Network for Smart Grid Stability Prediction	Mohsen S., Bajaj M., Kotb H., Pushkarna M., Alphonse S., Ghoneim S.S.M.	20507038	International Transactions on Electrical Energy Systems	2023		0	0	0	0	0	0	0
2023	Characterization and Purification of Biosurfactants	Medhi M.K., Ambust S., Kumar R., Das A.J.		Advancements in Biosurfactants Research			0	0	1	1	2	0	2
2023	Antimicrobial activities of nanomaterials	Worku L.A., Deepti, Nigussie Y., Bachheti A., Bachheti R.K., Husen A.		Advances in Smart Nanomaterials and their Applications			0	0	0	0	0	0	0
2023	Nanomaterials: introduction, synthesis, characterization, and applications	Belay T., Worku L.A., Bachheti R.K., Bachheti A., Husen A.		Advances in Smart Nanomaterials and their Applications			0	0	0	0	0	0	0
2023	VIKOR and TOPSIS framework with a truthful-distance measure for the (t, s)-regulated interval-valued neutrosophic soft set	Quek S.G., Garg H., Selvachandran G., Palanikumar M., Arulmozhi K., Smarandache F.	14327643	Soft Computing			0	0	6	0	6	0	6
2023	International conference on mountain ecosystems: biodiversity and adaptations under climate change scenario (22–24 March 2023)	Pandey A., Chettri N.	14888386	Biodiversity	24	3	0	0	0	0	0	0	0
2023	Smart Grid Security Based on Blockchain with Industrial Fault Detection Using Wireless Sensor Network and Deep Learning Techniques	Kandasamy M., Anto S., Baranitharan K., Rastogi R., Satwik G., Sampathkumar A.	1687725X	Journal of Sensors	2023		0	0	3	1	4	0	4
2023	Onset of Mental Illnesses with Aging - Special Concerns for Aging Individuals Living Alone	Sharad K., Ajay D., Purohit P., Gupta S.T.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0

2023	Long Term Impact of Childhood Trauma on Adulthood Experiences	Sharad K., Ajay D., Anuj, Pandey D.C.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Potential Risk Factors Posing Threat of Mental Depression among Housewives and Preventive Strategies	Ajay D., Sharad K., Bahl S., Singh M.P.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Diet: Physiological, Psychological, and Spiritual Growth	Sharad K., Ajay D., Sharma A., Rawat D.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Work Satisfaction as a Function of Self Esteem and Self Expression at Work Place – An Analytical Study	Nikita S., Sharad K., Ajay D., Singh A., Nandal N.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Treating Schizophrenia with Psychodynamic therapy among Elderly Patients	Ajay D., Sharad K., Kargeti H., Dhyani B.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Evaluating Dreams and Analysing Emotional Situations among victims of Childhood Abuse	Sharad K., Ajay D., Chauhan S., Raina K.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Impact of Anxiety Disorders on Daily Functioning of an Individual – in Terms of Family, Social life, School and Work	Siddhant M., Sharad K., Ajay D., Lakhera G., Nandal N.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Impact of Prolonged Mental Torture on Housewives in Middle Class Families	Ajay D., Sharad K., Singh K.P., Sharma S.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Compare two Variant Psychological Disorders Afflicting the Same Individual-Case Studies with Details of Diagnosis and Treatment	Sharad K., Ajay D., Batola M., Sharma P.	25897799	Journal for ReAttach Therapy and Developmental Diversities	6	4	0	0	0	0	0	0	0
2023	Assessment of implementation barriers of blockchain technology in public healthcare: evidences from developing countries	Joshi S., Sharma M.	20476965	Health Systems	12	2	0	0	0	0	0	0	0
2023	Medical robotic engineering selection based on square root neutrosophic normal interval-valued sets and their aggregated operators	Palanikumar M., Kausar N., Garg H., Iampan A., Kadry S., Sharaf M.	24736988	AIMS Mathematics	8	8	0	0	1	0	1	0	1
2023	Simulator selection based on complex probabilistic hesitant fuzzy soft structure using multi-parameters group decision-making	Ashraf S., Garg H., Kousar M., Askar S., Abbas S.	24736988	AIMS Mathematics	8	8	0	0	1	0	1	0	1
2023	Aczel-Alsina-based aggregation operators for intuitionistic hesitant fuzzy set environment and their application to multiple attribute decision-making process	Ali W., Shaheen T., Haq I.U., Toor H., Akram F., Garg H., Uddin M.Z., Hassan M.M.	24736988	AIMS Mathematics	8	8	0	0	4	0	4	0	4
2023	Data-Driven Techniques in Logistics & Supply Chain Management: A Literature Review	Detwal P.K., Soni G., Kumar D., Ramtiyal B.		2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022			0	0	0	0	0	0	0
2023	Detection of Epilepsy Disease Using Support Vector Machine Based on EEG Signals	Dhondiyal S.A., Dimri S.C.		2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022			0	0	0	0	0	0	0
2023	Computer aided Breast lesions classification system using digitized fine needle aspirate images	Chauhan A., Kumar I., Bhatt C., Agnihotri A.		2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022			0	0	1	0	1	0	1
2023	Tools and Techniques for Annotating the Plant Leaf Diseases	Praveen Gujjar J., Naveen Kumar V., Guru Prasad M.S.		2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022			0	0	0	0	0	0	0
2023	Comparison of Machine Learning Techniques Based on Feature Reduction to Detect Diabetic Retinopathy	Singh D., Joshi D., Dobhal D.C., Pant J., Pant H.		2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023			0	0	0	0	0	0	0
2023	Hybrid Blockchain and IPFS for Secure Industry 4.0 Framework of IoT-based Skin Monitoring System	Bhadula S., Sharma S., Johri A.		2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023			0	0	5	0	5	0	5
2023	ANN-Based Model for Analysis and Determination of Crop Damage	Pant J., Pant P., Pant H., Dhanik S., Singh D., Juyal A.		2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023			0	0	0	0	0	0	0
2023	Deep Learning Techniques in Digital Clinical Diagnostic System for Lung Cancer	Rawat D., Sharma S., Bhadula S.		2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023			0	0	6	0	6	0	6
2023	Wireless Body Area Network (WBAN) Centric Healthcare System for Continuous Monitoring	Kumar M.A., Valli Mayil V., Jeyalakshmi T.R., Ghanshala A., Gupta A.		2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023			0	0	0	0	0	0	0
2023	Natural Language Processing Techniques in Diagnostic Digital Cytopathology for Cervical Intraepithelial Neoplasia Detection	Kapruwan A., Sharma S., Rai Goyal H.		2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023			0	0	1	0	1	0	1
2023	Robust Transfer Learning Based Modelling for Accelerating the Learning of Ai in the Field of NLP	Ravimaram S., Jerald Nirmal Kumar S., Sathish A., Vatchala S., Rawat R., Michael Raj T.F.		2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023			0	0	0	0	0	0	0
2023	Comparative Analysis of Machine Learning Classifiers for Heart Disease Prediction in Cloud Environment	Prerna, Singh P., Singh D.P.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0

2023	Internet of Things Protocols for Context-Aware Anonymity Authentication with an Emphasis on E-Health Applications	Srivastava S., Gupta S., Gehlot A., Vijay P., Ramesh G., Aswal U.S.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	Monitoring and Predicting Performance of Students in Degree Programs using Machine Learning	Kumar G.S., De La Cruz-Camaco D., Ravichand M., Joshi K., Gupta Z., Gupta S.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	2	0	2	0	2
2023	A Comprehensive Review of Media Forensics and Deepfake Detection Technique	Kandari M., Tripathi V., Pant B.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	1	0	1	0	1
2023	A Cost Effective IoT-based Solution for Biometric Security Systems in Blood Banks	Gupta S., Agarwal S., Sharma G., Agarwal P.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	IoT Attack Detection Method based on Synthetic Minority Over-Sampling with Random Forest Technique	Tripathi N., Mishra A.K., Bagla P., Pandey N.K., Mittal S.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	1	0	1	0	1
2023	A Survey on Cyberbullying Detection Techniques	Shrivastav U., Srivastava P., Tripathi V.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	1	0	1	0	1
2023	An AI-based Model to Measure World Happiness using Vector Quantization Methodology	Nautiyal T., Agarwal S., Gupta S., Sharma G., Nainwal A.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	Human Bone Classification System based on Augmented Reality and Deep Learning	Bhatla S., Kansal V., Jain U., Nainwal A., Sharma G.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	A Novel Approach for Identification of Tomato Flu using Deep Learning	Mittal K., Sharma G., Tripathi V., Nainwal A., Pandey P.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	Sustainable Environment Monitoring using Wireless Communication	Prasad A.B., Agme V.N., Milton T., Krishnamurthy V., Akram S.V., Singh S.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	Text Summarization of Amazon Customer Reviews using NLP	Nainwal H., Garg A., Chakraborty A., Bathla D.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	Deep Learning vs. Feature Extraction Based Multi-Objective Approach for Sentiment Classification	Chaudhary J.K., Krishna M.M., Singhal R.K., Singh R., Suganthi R., Goyal H.R.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	A Novel Framework for Prediction of Heart Disease using Hybrid Classifier in the Cloud Environment	Prerna, Singh P., Singh D.P.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	Control Plane TCP Attacks Detection and Prevention in SDN Networks using Deep Learning Model	Anand Kumar M., Ghanshala A., Purohit K.C., Singh A., Ezhilarasi M.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	1	0	1	0	1
2023	Comparative Study of VGG-13, AlexNet, MobileNet and Modified-DarkCovidNet for Chest X-Ray Classification	Nainwal A., Sharma G., Kansal V., Bhatla S., Pant B.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	1	0	1	0	1
2023	Applications of Machine Learning in Viral Disease Diagnosis	Chaudhary J.K., Sharma H., Tadiboina S.N., Singh R., Khan M.S., Garg A.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	2	0	2	0	2
2023	PARKIT: An Android-based Real Time Smart Parking System using IoT	Agarwal S., Gupta S., Agarwal P., Sharma G., Tripathi V.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0

2023	A Delay Sensitive Framework for Effective Healthcare using Machine Learning	Prerna, Singh P., Singh D.P.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	A Literature Review on 3D Facial Modelling and the Expressions Generation	Deshmukh I., Tripathi V., Gangodkar D.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	An Investigation on a Blockchain Technology in Smart Certification Model for Higher Education	Abbas S.H., Sanyal S., Nagpal P., Panduro-Ramirez J., Singh R., Pundir S.		Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023			0	0	0	0	0	0	0
2023	Prevention of Security Attacks in Cloud Computing	Gaur K., Gaur K., Diwakar M., Singh P., Pandey N.K.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	0	0	0	0	0
2023	Comparative Analysis of 5G Security Mechanisms	Sachdeva T., Kumar S., Diwakar M., Singh P., Pandey N.K., Choudhary S.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	0	0	0	0	0
2023	Artificial Narrow Intelligence Techniques in Intelligent Digital Financial Inclusion System for Digital Society	Rawat R., Goyal H.R., Sharma S.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	3	0	3	0	3
2023	Brain Tumor Identification and Classification using a Novel Extraction Method based on Adapted Alexnet Architecture	Guru P.M.S., Praveen G.J., Dodmane R., Sardar T.H., Ashwitha A., Yeole A.N.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	5	0	5	0	5
2023	Intelligent Digital Financial Inclusion System Architectures for Industry 5.0 Enabled Digital Society	Rawat R., Sharma S., Goyal H.R.		Winter Summit on Smart Computing and Networks, WiSSCoN 2023			0	0	3	0	3	0	3
2023	Advanced NLP Framework for Text Processing	Praveen Gujjar J., Prasanna Kumar H.R., Guru Prasad M.S.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	4	0	4	0	4
2023	Machine Learning based Food Demand Estimation for Restaurants	Pandey N.K., Mishra A.K., Kumar V., Kumar A., Diwakar M., Tripathi N.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	3	0	3	0	3
2023	Application of Bayesian Theorem for Precise Analysis of Clinical Test Results	Dimri S.C., Kumar B., Purohit K.C.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	0	0	0	0	0
2023	SQL Injection Attacks and Prevention	Gaur K., Diwakar M., Gaur K., Singh P., Sachdeva T., Pandey N.K.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	2	0	2	0	2
2023	Optimize a novel Integrated Solutions to analyses Privacy persevering of the Internet of Things	Mishra A.K., Tripathi N., Bagla P., Pandey N.K., Mittal S., Rana D.S.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	1	0	1	0	1
2023	A Stock Market Trends Analysis of Reliance using Machine Learning Techniques	Kukreti V., Bhatt C., Dani R.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	0	0	0	0	0
2023	Classification using Perceptron in Low Feature Space	Indu R., Dimri S.C.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	0	0	0	0	0
2023	Effective Security Mechanisms against Distributed Denial of Services	Gaur K., Gaur K., Sachdeva T., Diwakar M., Singh P., Pandey N.K.		2023 6th International Conference on Information Systems and Computer Networks, ISCON 2023			0	0	0	0	0	0	0
2023	Algorithm Trading through Application Programming Interface (API) in Indian Stock Market	Mohan A., Bohra N.S., Bansal S.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0
2023	A Paradigm Shift towards Computer Vision	Chaithra N., Jha J., Sayal A., Gupta V., Gupta A.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	2	1	3	0	3
2023	Life cycle assessment of revalorization of lignocellulose for the development of biorefineries	Banerjee S., Pandit C., Gundupalli M.P., Pandit S., Rai N., Lahiri D., Chaubey K.K., Joshi S.J.	1387585X	Environment, Development and Sustainability			0	0	0	1	1	0	1
2023	Prediction and detection of nutrition deficiency using machine learning	Kumar Mishra A., Tripathi N., Gupta A., Upadhyay D., Kumar Pandey N.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	1	0	1	0	1
2023	Monitoring flash flood using Optical and Microwave Sensor dataset:- A case study of Cachar district, Assam (India)	Mehta A., Rawat K.S.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0

2023	A Comparative Study on the Effectiveness of Various Machine Learning Paradigms in Image Recognition and Predictive Modelling	Upadhyay D., Gupta M., Verma A., Mittal S.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0
2023	Analysis of Heart Disease Prediction using Various Machine Learning Techniques: A Review Study	Joshi K., Reddy G.A., Kumar S., Anandaram H., Gupta A., Gupta H.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0
2023	Comparative Analysis of Static and Mobile Anchors in Sensor Localization	Kulkarni V.R.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	1	0	1	0	1
2023	Analysis of AlGaN/GaN Interface Traps in the Enhancement-mode p-GaN HEMT	Nautiyal P., Pande P., Kundu V., Joshi V.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0
2023	Evaluating the impact of smart city on land use efficiency in Dehradun district by using GIS and Remote Sensing Techniques	Pokhariya H.S., Pratap Singh D., Rathi V.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	1	0	1	0	1
2023	Absorber Layer Doping Concentration Optimization of Lead-Free Cs2CuSbCl6Perovskite Solar Cells for Improved Efficiency	Vaid A., Kumar V., Kumar A.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0
2023	Numerical optimization of microwave heating on bioactive components and quality characteristics of buransh (Rhododendron arboretum) flower squash by using response surface methodology (BBD)	Mehra S., Kandari A., Sharma S., Kumar V., Bisht B., Joshi S., Tomar M.S., Ahmad W., Dobhal A., Kumar S.	26627655	Systems Microbiology and Biomanufacturing			0	0	2	0	2	0	2
2023	Design and Investigation of graphene based 2 × 2 CPW feed Vivaldi MIMO Antenna for THz Applications	Kushwaha R.K., Shukla D., Tripathi Y., Karuppanan P.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0
2023	Analysis of Performance Parameters and Gate Line Spacing Variation of Vertical Organic Light-Emitting Transistors	Srishti S., Tiwari C., Mishra V.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	0	0	0	0	0
2023	Heat transfer assessment for Au-blood nanofluid flow in Darcy-Forchheimer porous medium using induced magnetic field and Cattaneo-Christov model	Upreti H., Bartwal P., Pandey A.K., Makinde O.D.	10407790	Numerical Heat Transfer, Part B: Fundamentals	84	4	0	0	7	4	11	0	11
2023	Industry 4.0 maturity assessment: a multi-dimensional indicator approach	Hajoary P.K., MA A., Garza-Reyes J.A.	17410401	International Journal of Productivity and Performance Management			0	0	2	0	2	0	2
2023	Detection of Lung Disease using an Efficient Image Classification Technique	Das P., Dobhal D.C.		Proceedings - IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2023			0	0	1	0	1	0	1
2023	Building Trust Management using Blockchain Technology	Jayanthi R., Sundararajan S., Alam T., Garg N., Singh R.R., Udhayamoorthi M.		2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings			0	0	0	0	0	0	0
2023	A Study on Cervical Cancer Prediction using Various Machine Learning Approaches	Rawat P., Bajaj M., Mehta S., Sharma V., Vats S.		International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings			0	0	9	0	9	0	9
2023	Industrial IoT (IIOT): Security Threats and Countermeasures	Kumar R., Kandpal B., Ahmad V.		International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings			0	0	2	0	2	0	2
2023	Identification and Prediction of Hepatitis B and NAFLD using Machine Learning	Garg U., Urmila, Pundir R.S., Manchanda M., Gupta N.		2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Role of Cloud Computing in Goods and Services Tax(GST) and Future Application	Kumar R., Kathuria S., Malholtra R.K., Kumar A., Gehlot A., Joshi K.		2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings			0	0	0	0	0	0	0
2023	Intelligent Controller Design and Fault Prediction Using Machine Learning Model	Kumar K., Pande S.V., Kumar T.C.A., Saini P., Chaturvedi A., Reddy P.C.S., Shah K.B.	20507038	International Transactions on Electrical Energy Systems	2023		0	0	14	1	15	0	15
2023	Prediction of Turkey Forest Fire using Random Forest Regressor	Garg U., Kukreti V., Pundir R.S., Manchanda M., Gupta N.		International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings			0	0	1	0	1	0	1

2023	An Application of IoT in Programmed Tidal Energy Observation System	Kumar S.S., Jyothirmai M., Kaliappan S., Rathiv V.		International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings			0	0	0	0	0	0	0
2023	Intuitionistic fuzzy-based TOPSIS method for multi-criterion optimization problem: a novel compromise methodology	Qin Y., Rizk-Allah R.M., Garg H., Hassanien A.E., Snasel V.	24736988	AIMS Mathematics	8	7	0	0	0	0	0	0	0
2023	Industry 4.0 maturity and readiness assessment: an empirical validation using Confirmatory Composite Analysis	Hajoary P.K., Balachandra P., Garza-Reyes J.A.	9537287	Production Planning and Control			0	0	3	0	3	0	3
2023	A PRBS Generator and Checker based BIST for Multipliers	Bhandari J.K., Verma Y.K., Mishra V., Kumar A., Gupta S.K.		International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings			0	0	2	0	2	0	2
2023	Artificial Intelligence's Contribution To Mental Health Education	Anand N., Pant L.M., Alam T., Pundir S., Thomas L., Rakshith U.R.		2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings			0	0	0	0	0	0	0
2023	A Hybrid Approach for the Detection and Classification of MQTT-based IoT-Malware	Garg U., Kumar S., Kumar M.		2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings			0	0	1	0	1	0	1
2023	Artificial Intelligence in e-Healthcare Supply Chain Management System: Challenges and Future Trends	Painuly S., Sharma S., Matta P.		2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings			0	0	4	0	4	0	4
2023	Squirrel search algorithm based intelligent controller for interconnected power system	Kalyan C.H.N.S., Goud B.S., Kumar M.K., Thakur P., Bajaj M., Bansal R.C.	2286203	International Journal of Modelling and Simulation			0	0	0	0	0	0	0
2023	Optimizing Numerous Influencing Parameters of Nano-SiO2/Banana Fiber-Reinforced Hybrid Composites using Taguchi and ANN Approach	Natrayan L., Surakasi R., Patil P.P., Kaliappan S., Selvam V., Murugan P.	16874110	Journal of Nanomaterials	2023		0	0	1	1	2	0	2
2023	Synthesized Nanoaluminum Oxide with Al2024 to Investigate Wear Behavior by Grey Relational Approach and ANN	Surrya Prakash D., Rajangam V., Joseph J., Rajeshkannan S., Shankar E., Gopalan A., Patil P.P., Thanappan S.	16874110	Journal of Nanomaterials	2023		0	0	0	0	0	0	0
2023	Performance of single slope solar still with various operation parameters—An experimental, statistical, and CFD simulation approach toward optimality	Prasad R., Singh Y., Sharma A.K., Sahu R., Dwivedi V.K., Kumar S.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering			0	0	0	1	1	0	1
2023	Mechanical Characterization of Friction-Stir-Welded Aluminum AA7010 Alloy with TiC Nanofiber	Kaliappan S., Mothilal T., Natrayan L., Pravin P., Olkeba T.T.	16878434	Advances in Materials Science and Engineering	2023		0	0	0	0	0	0	0
2023	Evaluation of Mechanical Behaviour of Multiwalled Nanotubes Reinforcement Particles in Jute-Glass Fibres Hybrid Composites	Kaliappan S., Mothilal T., Pravin P., Raja Bharathi B., Esakkiraj E.S.	16878434	Advances in Materials Science and Engineering	2023		0	0	0	1	1	0	1
2023	Stop the War, for Godsake!: A Text Analysis of Speeches of Volodymyr Oleksandrovych Zelenskyy, the Ukrainian President	Maia Polo F., Saxena S., Alexopoulos C.	1900692	International Journal of Public Administration			0	0	0	0	0	0	0
2023	Learning Noise-Assisted Robust Image Features for Fine-Grained Image Retrieval	Kumar V., Petwal H., Gairola A.K., Barmola P.P.	2676192	Computer Systems Science and Engineering	46	3	0	0	0	0	0	0	0
2023	Assessing the Fires Impact on Vegetation Cover Using Remote Sensing Data: Indonesia Case Study	Grigorets E., Kurbatova A., Vasyunin Y., Lobanov V., Sari R.F., Mikhaylichenko K., Anikina E., Kupriyanova A.	10786236	Advances in Systems Science and Applications	23	1	0	0	0	0	0	0	0
2023	An investigation the effect of bacterial healing on cement-based mortars	Prajapati P., Rama Raju P.J., Garg N., Kumar S., Rai N., Das S.K.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Technology Enabled Integrated Fusion Teaching for Enhancing Learning Outcomes in Higher Education	Tiwari R., Agrawal P., Singh P., Bajaj S., Verma V., Chauhan A.S.	18688799	International Journal of Emerging Technologies in Learning	18	7	0	0	3	0	3	0	3
2023	Wireless Level Monitoring of Interfacing Two-Tank System through User Datagram Protocol	Pilli R., Rajkumar T., Shreenath K.N., Kumar K.R.P., Josephson P.J., Pant B.		2023 IEEE International Conference on Integrated Circuits and Communication Systems, ICICACS 2023			0	0	0	0	0	0	0
2023	Impact of Different Demand Response Programs on Distribution Network Using Particle Swarm Optimization	Sharma S., Rawat T., Sharma R., Sharma G.	18761100	Lecture Notes in Electrical Engineering	979		0	0	0	0	0	0	0
2023	On stochastic dynamic modeling of incidence data	Kalligeris E.-N., Karagrigoriou A., Parpoula C.	15574679	International Journal of Biostatistics			0	0	0	0	0	0	0
2023	A mini review on heavy metal contamination in vegetable crops	Joshi N.C., Gururani P.	3067319	International Journal of Environmental Analytical Chemistry			0	0	1	0	1	0	1
2023	Numerical study for temperature-dependent viscosity based unsteady flow of GP-MoS2/C2H6O2-H2O over a porous stretching sheet	Gupta T., Pandey A.K., Kumar M.	10407782	Numerical Heat Transfer; Part A: Applications			0	0	7	2	9	0	9
2023	Biosynthesis of Iron Oxide Nanoparticles Using Leaf Extract of Ruellia tuberosa: Mechanical and Dynamic Mechanical Behaviour Kevlar-Based Hybrid Epoxy Composites	Natrayan L., Rao Y.S., Vaidya G., Bhattacharya S., Kaliappan S., Patil P.P., Paramasivam P.	15653633	Bioinorganic Chemistry and Applications	2023		0	0	1	0	1	0	1
2023	Secure Three Dimensional Path Planning in Dynamic Environment Using Internet of Vehicles	Agarwal P., Sharma S., Tyagi R.		2023 IEEE International Conference on Integrated Circuits and Communication Systems, ICICACS 2023			0	0	2	0	2	0	2
2023	Analysis of the Contribution of Computing for the Development of IT Service Centre	Shukla S.K., Vimal V.		2023 2nd International Conference for Innovation in Technology, INOCON 2023			0	0	0	0	0	0	0
2023	Involvement of Functional Programming in Language Processing and Machine Learning	Dobhal D.C., Kumar B., Das P.		2023 2nd International Conference for Innovation in Technology, INOCON 2023			0	0	0	0	0	0	0
2023	Analysis of Smart Healthcare Application in 5G Using Manet	Sahaaya Arul Mary S.A., Rajput A., Kumar S.J.N., Kandasamy M., Lakhan R.		2023 2nd International Conference for Innovation in Technology, INOCON 2023			0	0	0	0	0	0	0

2023	The Effect of Virtual Reality in the Modern System of Education	Dobhal D.C., Negi H.S., Das P.		2023 2nd International Conference for Innovation in Technology, INOCON 2023			0	0	0	0	0	0	0
2023	Biosynthesis-Based Al2O3Nanofiller from Cymbopogon citratus Leaf/Jute/Hemp/Epoxy-Based Hybrid Composites with Superior Mechanical Properties	Natrayan L., Rao Y.S., Prasad P.R., Bhaskar K., Patil P.P., Abdeta D.B.	15653633	Bioinorganic Chemistry and Applications	2023		0	0	0	0	0	0	0
2023	Effect of Mesh Generation and its Usage for Computational Domains	Purohit K.C., Gupta S., Manwal M.		2023 2nd International Conference for Innovation in Technology, INOCON 2023			0	0	0	0	0	0	0
2023	The Significance of using Data Extraction Methods for an Effective Big Data Mining Process	Sharma M., Gupta R.		2023 2nd International Conference for Innovation in Technology, INOCON 2023			0	0	0	0	0	0	0
2023	Using AI and Blockchain in Case of Algorithm Regulation	Tripathi N., Mishra A.K.		2023 2nd International Conference for Innovation in Technology, INOCON 2023			0	0	1	0	1	0	1
2023	Optimization Process of Potassium Carbonate Activated Carbon through Jute-Based Core Materials by Using Artificial Neural Network with Response Surface Methodology	Natrayan L., Niveditha V.R., Kaliappan S., Patil P.P., Pandian C.K.A., Rao Y.S., Murugan P.	2636174	Adsorption Science and Technology	2023		0	0	0	0	0	0	0
2023	Personalized Self Adaptive Internet-of-Things Enabled Sustainable Healthcare Architecture for Digital Transformation	Bhadula S., Sharma S.		Proceedings of the ACCTHPA 2023 - Conference on Advanced Computing and Communication Technologies for High Performance Applications			0	0	5	0	5	0	5
2023	Deep Learning Techniques in Big Data-Enabled Internet-of-Things Devices	Singh S., Sharma S., Bhadula S.		Big Data Analytics in Fog-Enabled IoT Networks: Towards a Privacy and Security Perspective			0	0	1	0	1	0	1
2023	Optimization of Activated Carbon Fiber Preparation from Hemp Fiber through Dipotassium Hydrogen Phosphate for Application of Thermal Storage System	Natrayan L., Kaliappan S., Subramanian S.C., Patil P.P., Sekar S.D., Rao Y.S., Bayu M.B.	2636174	Adsorption Science and Technology	2023		0	0	0	0	0	0	0
2023	Reliability and cost optimization of series–parallel system with metaheuristic algorithm	Choudhary S., Ram M., Goyal N., Saini S.	9756809	International Journal of System Assurance Engineering and Management			0	0	0	0	0	0	0
2023	Post Diagnosis Digital Routine Monitoring System for Patients of Skin Diseases	Bhadula S., Sharma S.		2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023			0	0	2	0	2	0	2
2023	Enhancing the Prediction of Diabetics using Bagging Ensambler Classifier	Kumar M.A., Manivasagam G., Kathirvel K., Kavitha V., Gupta A.		Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023			0	0	0	0	0	0	0
2023	CES and TCSC based Supplementary Controller for Stability of Renewable Energy Integrated Nonlinear Power System	Kalyan C.N.S., Reddy C.R., Goud B.S., Bajaj M., Tolba M.A., Kamel S.		Proceedings of the 2023 5th International Youth Conference on Radio Electronics, Electrical and Power Engineering, REEPE 2023			0	0	0	0	0	0	0
2023	Fruit Fly Optimization Technique Based Regulator for LFC of Conventional Power System with the Integration of Plugin Electric Vehicles	Kalyan C.N.S., Srikanth Goud B., Reddy C.R., Bajaj M., Tulsky V.N., Kamel S.		Proceedings of the 2023 5th International Youth Conference on Radio Electronics, Electrical and Power Engineering, REEPE 2023			0	0	0	0	0	0	0
2023	BISGA: Recalculating the Entire Boolean-Valued Information System from Aggregates Using a Genetic Algorithm	Ali S., Khan M.S., Shah H., Garg H., Alsheddy A.	10762787	Complexity	2023		0	0	0	0	0	0	0
2023	Revealing the Significance of Time Delays on the Performance of Diverse Source Power Systems under Fruit Fly Optimization Tuned 3DOFTID Regulator	Kalyan C.N.S., Goud B.S., Reddy C.R., Bajaj M., Tulsky V.N., Kamel S.		Proceedings of the 2023 5th International Youth Conference on Radio Electronics, Electrical and Power Engineering, REEPE 2023			0	0	1	0	1	0	1
2023	Enhancement of QoS in Internet of Things Wearable Devices Dependent on 5G Technology	Savithri M., Pradeepa M., Prasad D.R., Gangodkar D., Rajalakshmi R., Shafi S., Sinchana N.M., Prasanna Kumar K.R., Selvam N.	15308669	Wireless Communications and Mobile Computing	2023		0	0	0	0	0	0	0
2023	[Numerical Analysis of Stagger Supersonic Biplane at Off-Design Condition with Trailing Edge Flap, НУМЕРИЧКА АНАЛИЗА ТЕГЉАЈУЋЕГ НАДЗВУЧНОГ ДВОКРИЛЦА У УСЛОВИМА ВАН ПРОЈЕКТОВАЊА СА ЗАКЛОПКОМ ЗАДЊЕ ИВИЦЕ]	Patidar V.K., Joshi S.	14512092	FME Transactions	51	2	0	0	0	0	0	0	0
2023	[Control Design Using PID with State Feedback for Air-Breathing Hypersonic Vehicle, ХИПЕРСОНИЧНУ ЛЕТЕЛИЦУ СА AIRBREATHING ПОГОНОМ]	Singh R., Prakash O., Joshi S.	14512092	FME Transactions	51	2	0	0	0	0	0	0	0
2023	Structural analysis of motorcycle spokes design using finite element analysis with alloy materials	Karthick M., Somesh V., Gudadhe N., Boopathi B., Padmanabhan S., Tiwari R., Sharma A.	22147853	Materials Today: Proceedings			0	0	3	1	4	0	4
2023	Estimation of morphometric parameters of Talcher, Anugul using earth observation data	Behera A., Singh Rawat K.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	A comprehensive study on the effect of variation of flow rate of fluid and N on energy metrics of N similar photovoltaic thermal flat plate collectorintegrated single slope solar still	Sharma G.K., Mallick A., Sharma R.K., Kumar N., Singh D.B.	19443994	Desalination and Water Treatment	283		0	0	1	0	1	0	1
2023	EDRM-LBP: effective directional radial median local binary pattern for face recognition	Karanwal S., Diwakar M.	17411068	International Journal of Embedded Systems	15	6	0	0	0	0	0	0	0
2023	The study of remote working outcome and its influence on firm performance	Raj R., Kumar V., Sharma N.K., Singh S., Mahlawat S., Verma P.	25902911	Social Sciences and Humanities Open	8	1	0	0	10	5	15	0	15

2023	Sustainability assessment of biomass-based energy supply chain using multi-objective optimization model	Yildiz H.G., Ayvaz B., Kusakci A.O., Deveci M., Garg H.	1387585X	Environment, Development and Sustainability			0	0	0	2	2	0	2
2023	Convergence analysis and an efficient numerical technique for the solution of Benjamin Bona Mahony partial differential equation	Rawat A.K., Deep G., Dhiman N., Chauhan A.	20403607	International Journal of Mathematical Modelling and Numerical Optimisation	13	2	0	0	0	0	0	0	0
2023	TCPS and SMES Coordinated Supplementary Control for Interconnected Power System Stability	Kalyan C.N.S., Reddy C.R., Goud B.S., Bajaj M., Belkhier Y., Shaw R.N.		2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies, GlobConHT 2023			0	0	1	0	1	0	1
2023	Optimal Operation of Energy Hub Integrated with Electric Vehicles and Power-to-Gas in Presence of Demand Response	Rawat T., Niazi K.R., Garg A., Sharma S.		2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies, GlobConHT 2023			0	0	0	0	0	0	0
2023	Intelligent Virtual Laboratory Development and Implementation using the RASA Framework	Josphineleela R., Kaliappan S., Natrayan L., Bhatt U.M.		Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023			0	0	2	0	2	0	2
2023	Performance Enhancement of Combined LFC and AVR System with the Integration of HVDC Line	Kalyan C.N.S., Goud B.S., Nagendra M., Belkhier Y., Bajaj M., Shaw R.N.		2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies, GlobConHT 2023			0	0	1	0	1	0	1
2023	Integral Double Derivative Plus Filter Controller for Frequency Regulation of Dual Area Power System with HVDC Line	Kalyan C.N.S., Gopi P., Reddy C.R., Belkhier Y., Bajaj M., Shaw R.N.		2023 IEEE IAS Global Conference on Renewable Energy and Hydrogen Technologies, GlobConHT 2023			0	0	2	0	2	0	2
2023	Development of IoT based Health Monitoring System for Disables using Microcontroller	Josphineleela R., Jyothi M., Natrayan L., Kaviarasu A., Sharma M.		Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023			0	0	0	0	0	0	0
2023	Digital Clinical Diagnostic System for Lung Cancer Detection	Rawat D., Sharma S., Bhadula S.		Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023			0	0	9	0	9	0	9
2023	Development of Healthcare Architecture based on Cloud Technology and IoT Applications	Lakshmi Prasanna Kumar L., Ahalya C., Kaliappan S., Aditya Pai H.		Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023			0	0	0	0	0	0	0
2023	Optimized Controller Design for Induction Motor	Sunori S.K., Bhakuni A., Joshi P., Jethi G.S., Juneja P.		Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023			0	0	0	0	0	0	0
2023	IoT based Smart Agriculture for the Detection of Plant Decay	Kumar C.V., Saritha K., Reddy M.V.S.S., Pai H.A.		Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023			0	0	3	0	3	0	3
2023	QoS-aware resource scheduling using whale optimization algorithm for microservice applications	Kumar M., Samriya J.K., Dubey K., Gill S.S.	380644	Software - Practice and Experience			0	0	1	1	2	0	2
2023	Review on Artificial Intelligence Role in Implementation of Goods and Services Tax(GST) and Future Scope	Kumar R., Khannna Malholtra R., Grover C.A.N.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Enhanced Anomaly Detection System for IOT Based on Improved Dynamic SBPSO	Chandhar K., Pratap Singh D., Alanya-Beltran J., Akram S.V., Kothandaraman D., Tiwari M.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	On the importance measures of Markov chain imbeddable reliability systems: some advances for k-out-of-n: G and consecutive-k-out-of-n: G structures	Triantafyllou I.S.	9756809	International Journal of System Assurance Engineering and Management			0	0	0	0	0	0	0
2023	Blockchain Integrated with Industrial IOT Towards Industry 4.0	Tamilmani S., Mohan T., Jeyalakshmi S., Shukla G.P., Gehlot A., Shukla S.K.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	The Way to Make Blind People Use the Email System: Voice Based Email Generating System Using Artificial Intelligence	Rajput G.K., Sharma S., Dash B.P., Ansari M.F., Sharma P., Shukla S.K.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	8	0	8	0	8
2023	An investigation on the role of artificial intelligence in scalable visual data analytics	Raman R., Buddhi D., Lakhera G., Gupta Z., Joshi A., Saini D.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Trust aware secure energy efficient hybrid protocol for MANET	Jha A., Vivek V., Gupta P., Joshi R., Singh P., Iyengar N.C.S.N.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	1	1	0	1
2023	Blockchain Approach for Implementing Access Control In IOT	Panduro-Ramirez J., Lourens M., Gehlot A., Singh D.P., Singh Y., Salunke D.J.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	Image Processing with Intelligence System Using Sensing in Cyber Security	Petikam S., De Castro Dantas Sales F., Suma S., Gonzales J.L.A., Joshi K., Pant B.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	A Comprehensive review on Data Mining Techniques in managing the Medical Data cloud and its security constraints with the maintained of the communication networks	Uthiramoorthy A., Bhardwaj A., Singh J., Pant K., Tiwari M., Gonzales J.L.A.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0

2023	IoT Wireless Technology using lattice-based open source public-key NTRU cryptosystem	Gudipalli T.L., Raman R., Singh D.P., Singh D., Venkateswarlu C., Gonzales J.L.A.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	The Role and Impact of Artificial Intelligence on Retail Business and its Developments	Neha, Mohanty S., Alfurhood B.S., Bakhare R., Poongavanam S., Khanna R.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	A Survey on Patient Information Management System Using IOT and Cloud Computing Techniques	Goswami M., Castro Dantas Sales F.D., Sathe M., Chakravarthi M.K., Singh R., Gangodkar D.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	2	0	2	0	2
2023	Wireless Communications Implementation Using Blockchain as Well as Distributed Type of IOT	Gunturu V., Bansal V., Sathe M., Kumar A., Gehlot A., Pant B.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	4	0	4	0	4
2023	Development of hybrid technology using Machine Learning and Block chain Technology to prevent from COVID 19 through the proper information gathering	Jenifer Jothi Mary A., Mishra R., Alfurhood B.S., Vats P., Waghmare S., Pant K.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	An implementation of virtual instruments for industries for the standardization	Kaur H., Thacker C., Singh V.K., Sivashankar D., Patil P.P., Gill K.S.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	A design of dynamic rate aware classified key for network security in wireless sensor network through optimized distributed secure routing protocol	Shameem A., Shukla S.K., Tiwari M., Buddhi D., Singh Y., Ushasree R.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Internet-Of-Things Wireless Communication with a Focus on the Protection of User Privacy and the Delivery of Relevant Facts	Raman R., Gupta Z., Gupta A., Akram S.V., Saini D., Bhalani J.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	An Experimental Study of Sink Hole Attacks and Distributed Denial of Service (DDS) on IoT network based Healthcare Applications	Raman R., Mandaloju B., Singh D., Tripathi V., Maginmani U.H., Gonzales J.L.A.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Significant effect of saving one unit of electricity and the role of saving energy by Non-Renewable energy in streetlight	Kanase S., Mane V.B., Suryawanshi M.A., Kumbhar G., Jamadar V., Patil P.P.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Integration of A-I in implementation of Wire-less Webbing: A detailed Review	Kapula P.R., Pant B., Kanwer B., Buddhi D., Sagar K.V.D., Sinthu S.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Detecting breast cancer using machine learning algorithms: The efficient and accurate way	Patro S., Lakshmi B.V., Sailaja V., Panda B.S., Verma D.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	IOT-Based Analysis for Effective Continuous Monitoring Prevent Fraudulent Intrusions in Finance and Banking	Umamaheswaran S.K., Singh G., Dixit A.K., Mc S.C., Chakravarthi M.K., Singh D.P.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Design of deep learning models for the identifications of harmful attack activities in IIOT	Rajbalaji S., Raman R., Pant B., Rathour N., Rajagopa B.R., Prasad C.R.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Blockchain Applications for Security Issues and Challenges in IOT	Dangi A.K., Pandurang G.A., Bachhav G.V., Chakravarthi M.K., Gehlot A., Shukla S.K.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	A Novel based Hybrid smart System for detecting the cyber-attacks on IOT's	Gnanaselvi K.J., Shukla S.K., Kumar K., Gehlot A., Jaiswal T., Geetha B.T.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Blockchain Implementation in Financial Sector and Cyber Security System	Ahmad A.Y.A.B., Kumari S.S., MahabubBasha S., Guha S.K., Gehlot A., Pant B.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	8	1	9	0	9
2023	An implementation of Wireless Mesh Routing Protocol system against Dos attacks in IoT-based Assistance system	Yadav D., Raman R., Gangodkar D., Joshi S.K., Sreedevi B., Prasad C.R.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	Development of Critical Information Framework by Big Data Analytics and Artificial Intelligence to Prevent Cyber Attacks in WSN	Bhimineni O., Kulkarni S.G., Joshi S.V., Kadam S., Sanap R.S., Pant B.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	Integration of IOT with Block Chain Technology for the Technology Advancement	Subha B., Leelavathi R., Bhaskar H., Prasad C.R., Gehlot A., Verma D.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	Blockchain To Secure Cloud computing services	Goswami S., Uike D., Patil S., Thakur Y., Akram S.V., Pant K.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	1	0	1	0	1
2023	Insight into phytase-producing microorganisms for phytate solubilization and soil sustainability	Rizwanuddin S., Kumar V., Singh P., Naik B., Mishra S., Chauhan M., Saris P.E.J., Verma A., Kumar V.	1664302X	Frontiers in Microbiology	14		0	0	3	1	4	0	4
2023	Smart Electricity Billing Management System Using Artificial Intelligent Based for the Implementation of Pre and Post Paid Tariffs	Hirolikar D.S., Ezhilarasan G., Sharma K., Alfurhood B.S., Gangodkar D., Kudale A.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	A Review of use of Artificial Intelligence on Cyber Security and the Fifth-Generation Cyber-attacks and its analysis	Dangi A.K., Pant K., Alanya-Beltran J., Chakraborty N., Akram S.V., Balakrishna K.		2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023			0	0	0	0	0	0	0
2023	The Empirical Evaluation of Artificial Intelligence-based Techniques for Improving Cyber Security	Nayak C., Rao C.L., Alam T., Singh S., Islam S., Maginmani U.H.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	0	0	0	0	0

2023	Big Data Security through Privacy - Preserving Data Mining (PPDM): A Decentralization Approach	Josphineleela R., Kaliapp S., Natrayan L., Garg A.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	4	0	4	0	4
2023	Power of kernel functions, its benefits, and limitations	Indu R., Dimri S.C.		Proceedings of 2023 International Conference on Intelligent Systems, Advanced Computing and Communication, ISACC 2023			0	0	0	1	1	0	1
2023	Battery-Operated Electric Vehicles (BOEVs) Adoption in India: Analysis of Barriers and Strategies	Gupta A., Singh R.K., Paul J., Sharma M., Joshi S.	189391	IEEE Transactions on Engineering Management			0	0	1	0	1	0	1
2023	Implementing Deep Learning Techniques into Healthcare System Improvement	Kochhar H.K., Kilaru M., Aljohani N., Goyal H.R., Singh D., Saini D.J.B.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	0	0	0	0	0
2023	An Analysis of the Effects and Interaction of Hyper Parameters in Convolutional Neural Networks	Arora G.K., Mutha R., Sangari M.S., Aswal U., Bhattacherjee A., Agarwal A.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	0	0	0	0	0
2023	Enhancing Brain Tumor Detection Classification by Computational Intelligence	Islam S., Udhayakumar R., Kar S., Pavitha N., Aswal U.S., Saini D.K.J.B.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	0	0	0	0	0
2023	IoT based Social Device Network with Cloud Computing Architecture	Suman T., Kaliappan S., Natrayan L., Dobhal D.C.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	3	0	3	0	3
2023	A brief review paper on mining subsidence and its geo-environmental impact	Behera A., Singh Rawat K.	22147853	Materials Today: Proceedings			0	0	2	0	2	0	2
2023	Role of Neural Network, Fuzzy, and IoT in Integrating Artificial Intelligence as a Cyber Security System	Das P., Illa M., Pokhariyal R., Latoria A., Hemlata, Saini D.J.B.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	0	0	0	0	0
2023	Development of Programmed Autonomous Electric Heavy Vehicle: An Application of IoT	Reddy P.N., Umaeswari P., Natrayan L., Choudhary A.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	1	0	1	0	1
2023	Design and Development of a Smart Sprinkler Device for IoT-Integrated Plants Irrigation	Josphineleela R., Siva Reddy K.V., Reddy M.V.S.S., Rawat R.S.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	1	0	1	0	1
2023	Biometric Aided Intelligent Security System Built using Internet of Things	Josphineleela R., Lekha D., Natrayan L., Purohit K.C.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	0	0	0	0	0
2023	Design of Neurofuzzy Models for Biological Oxygen Demand Prediction	Sunori S.K., Mittal A., Juneja P.		Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023			0	0	0	0	0	0	0
2023	Effect of organic food production and consumption on the affective and cognitive well-being of farmers: analysis using prism of NVivo, etic and emic approach	Tomar S., Sharma N., Kumar R.	1387585X	Environment, Development and Sustainability			0	0	1	1	2	0	2
2023	Epilepsy Seizure Detection Using Optimised KNN Algorithm Based on EEG	Dogra A., Dhondiyal S.A., Rana D.S.		2023 International Conference for Advancement in Technology, ICONAT 2023			0	0	0	0	0	0	0
2023	Real-Time Retrieving Vedic Sanskrit Text into Multi-Lingual Text and Audio for Cultural Tourism Motivation	Chand A., Agarwal P., Sharma S.		2023 International Conference for Advancement in Technology, ICONAT 2023			0	0	1	0	1	0	1
2023	Biodiesel as a potential replacement fuel for CI engine to meet the sustainability criteria: A review	Kumar Singh N., Singh Y., Kumar V., Singh B.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Computational Time Complexity for Sorting Algorithm amalgamated with Quantum Search	Dutta A., Harshith J., Soni Y., Gupta A., Gupta V.K., Gupta A.		2023 International Conference for Advancement in Technology, ICONAT 2023			0	0	5	0	5	0	5
2023	Improvement in Controller Performance for Distillation Column Using IMC Technique	Sunori S.K., Joshi K.A., Mittal A., Nainwal D., Khan F., Juneja P.		2023 International Conference for Advancement in Technology, ICONAT 2023			0	0	0	0	0	0	0
2023	An Improved Deep Learning Framework Approach for Detecting the Psoriasis Disease	Singh A., Kumar K.C.N., Kumar M.A., Negi H.S.		Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023			0	0	0	0	0	0	0
2023	Early-Stage Timing Prediction in SoC Physical Design using Machine Learning	Kulkarni M., Al-Safi J.K.S., Reddy S.M.K.S., Babu S.B.G.T., Kumar P., Pushpa P.		Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023			0	0	0	0	0	0	0
2023	Performance analysis of wind–hydro power plant under multi-state failures and repairs	Tyagi V., Ram M.	9756809	International Journal of System Assurance Engineering and Management			0	0	0	0	0	0	0
2023	PVsyst Based Comparative Analysis of 1 MW Solar Plant in Jaipur and Dehradun	Rawat T., Singh J., Sharma S.		2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			0	0	0	0	0	0	0
2023	A critical review on different aspects of electric discharge machining	Dutta Dwivedi Y., Vinoth Kumar T., Dharme A., Basanth Kumar K., Gori Y., Kumar Chandra P., Saad Abdul-Zahra D., Kumar D., Jain A.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Performance Analysis of 400 kWp Rooftop Solar Plant at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur using PVsyst	Rawat T., Singh J., Sharma S.		2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			0	0	0	0	0	0	0
2023	Ride analysis of railway vehicle considering rigidity and flexibility of the carbody	Sharma R.C., Palli S., Sharma S.K.	2533839	Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A	46	4	0	0	5	0	5	0	5

2023	Organic polymers for CO2 capture and conversion	Sharma E., Rana S., Sharma I., Sati P., Dhyani P.		CO2-Philic Polymers, Nanocomposites and Solvents: Capture, Conversion and Industrial Products			0	0	0	0	0	0	0
2023	Modified Hybrid PSO Algorithm for Efficient Control of the Matrix Converter-Fed Electrical Drive System	Amarendra C., Pandian A., Reddy C.R., Kalyan C.N.S., Bajaj M., Aboras K.M., Mbadjoun Wapet D.E.	20507038	International Transactions on Electrical Energy Systems	2023		0	0	1	0	1	0	1
2023	GC-MS Analysis of Phytoactive Compounds, Antioxidant and Antibacterial Activity of Citrullus lanatus Seeds	Shah A.A., Gupta A., Aqueel-Ur-Rehman, Kapoor S., Kaur H., Rohilla B., Rashmi K., Bajpai A.B.	9746242	Biomedical and Pharmacology Journal	16	1	0	0	1	0	1	0	1
2023	Brain tumor detection using CNN, AlexNet & GoogLeNet ensembling learning approaches	Swarup C., Singh K.U., Kumar A., Pandey S.K., varshney N., Singh T.	26881594	Electronic Research Archive	31	5	0	0	1	0	1	0	1
2023	Investigation of Micro-Parameters Towards Green Computing in Multi-Core Systems	Kumar Shukla S., Pant B.	18761100	Lecture Notes in Electrical Engineering	982		0	0	0	0	0	0	0
2023	A Review of Machine Learning Techniques (MLT) in Health Informatics	Rawat V., Singh D.P., Singh N., Tiwari U.K.	18761100	Lecture Notes in Electrical Engineering	982		0	0	0	0	0	0	0
2023	Fused Local Pattern (FLP): A Novel Local Descriptor in Pose Variations	Karanwal S.	23673370	Lecture Notes in Networks and Systems	648		0	0	0	0	0	0	0
2023	Application of signal processing techniques and intelligent classifiers for high-impedance fault detection in ensuring the reliable operation of power distribution systems	Varghese P R., Subathra M.S.P., George S.T., Kumar N.M., Suviseshamuthu E.S., Deb S.	2296598X	Frontiers in Energy Research	11		0	0	2	0	2	0	2
2023	Mining Repository for Module Reuse: A Machine Learning-Based Approach	Malik P., Chaudhary K.	18761100	Lecture Notes in Electrical Engineering	982		0	0	0	0	0	0	0
2023	Characterization of SPEC2006 Benchmarks Under Multicore Platform to Identify Critical Architectural Aspects	Shukla S.K., Pant B.	18761100	Lecture Notes in Electrical Engineering	982		0	0	0	0	0	0	0
2023	Fused Local Color Pattern (FLCP): A Novel Color Descriptor for Face Recognition	Karanwal S.	23673370	Lecture Notes in Networks and Systems	648		0	0	0	0	0	0	0
2023	Analysis of Panoramic Images using Deep Learning For Dental Disease Identification	Mallick M., Midhun Kumar A., Govindaraju S., Kumar A.S., Kandasamy M., Anitha P.		Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023			0	0	2	0	2	0	2
2023	Smart Urban Traffic Management System using Energy Efficient Optimized Path Discovery	Agarwal P., Sharma S.		Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023			0	0	4	0	4	0	4
2023	Automatic Detection and Classification of Diabetic Retinopathy using Modified UNET	Nageswari P., Kandasamy M., Shanmugam R., Suresh Kumar A.		Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023			0	0	1	0	1	0	1
2023	QoS Design using Mmwave Backhaul Solution for Utilising Underutilised 5G Bandwidth In GHz Transmission	Kandasamy M., Yuvaraj N., Raja R.A., Kousik N.V., Tf M.R., Kumar A.S.		Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023			0	0	2	0	2	0	2
2023	AHP-based multi-criteria decision-making approach for monitoring health management practices in smart healthcare system	Pant S., Garg P., Kumar A., Ram M., Kumar A., Sharma H.K., Klochkov Y.	9756809	International Journal of System Assurance Engineering and Management			0	0	4	1	5	0	5
2023	Heart Disease Prediction Using Machine Learning and Big Data	Rawat V., Singh D.P., Singh N., Negi S.		Big Data, Cloud Computing and IoT: Tools and Applications			0	0	0	0	0	0	0
2023	A sensitivity study for n similar partly enclosed with photovoltaic thermal flat plate collectors having series connection	Raturi A., Patel R.V., Singh D.B.	21487847	Journal of Thermal Engineering	9	1	0	0	0	0	0	0	0
2023	Aluminum-foam by powder metallurgy: A review	Kumar K., Ingole S.B., saeedjassim A., YatikaGori, Kaushik A., Kumar D., Jain A.	22147853	Materials Today: Proceedings			0	0	4	1	5	0	5
2023	Experimental Study of a Soft Pneumatic Actuator for the Application of Robotic Gripper	Gariya N., Kumar P., Makkar M.		5th International Conference on Power, Control and Embedded Systems, ICPCES 2023			0	0	0	0	0	0	0
2023	Illumination Invariant Based Face Descriptor	Karanwal S.	23674512	Lecture Notes on Data Engineering and Communications Technologies	158		0	0	0	0	0	0	0
2023	Bond Graph Model-based Control of a Wheeled Mobile Robot	Joshi J., Kumar P., Manral A.R., Makkar M.		5th International Conference on Power, Control and Embedded Systems, ICPCES 2023			0	0	0	0	0	0	0
2023	A review paper of FSW on dissimilar materials using aluminum	Sambasivam S., Gupta N., jassim A.S., Pratap Singh D., Kumar S., Giri J.M., Gupta M.	22147853	Materials Today: Proceedings			0	0	8	1	9	0	9
2023	Proximate Chemical Analysis and Effect of Age and Height of Oxytenanthera abyssinica on Fiber Morphology and Chemical Compositions for Pulp and Paper Production Potential	Worku L.A., Bachheti R.K., Tadesse M.G., Bachheti A.	16879422	International Journal of Polymer Science	2023		0	0	1	0	1	0	1
2023	Integrated Healthcare Monitoring System using Wireless Body Area Networks and Internet of Things	Ezhilarasi M., Kumar A., Shanmugapriya M., Ghanshala A., Gupta A.		2023 International Conference on Innovative Trends in Information Technology, ICITIIT 2023			0	0	1	0	1	0	1
2023	Artificial Intelligence Enabled Diagnostic Digital Cytopathology System for Cervical Intraepithelial Neoplasia Detection: Advantages and Challenges	Kapruwan A., Sharma S., Goyal H.R.		Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023			0	0	4	0	4	0	4
2023	Authentication of Lung CT-Scan Data in NIfTI Format Using LWT, Hessenberg Decomposition, and Affine Transform	Singh K.U., Kumar A., Singh T.	3772063	IETE Journal of Research			0	0	2	0	2	0	2
2023	Expert System Techniques in Intelligent Diagnostic Digital Cytopathology System for Cervical Intraepithelial Neoplasia Detection	Kapruwan A., Sharma S., Goyal H.R.		2023 International Conference on Innovative Trends in Information Technology, ICITIIT 2023			0	0	3	0	3	0	3
2023	Functional biochar derived from Desmostachya bipinnata for the application in energy storage/conversion devices	Mehrotra S., Gupta M., Dujearic-Stephane K., Kumar A., Singh P., Bharti B., Mathuriya A.S., Bocchetta P., Kumar Y.	21906815	Biomass Conversion and Biorefinery			0	0	0	0	0	0	0

2023	Detection of rice plant disease from RGB and grayscale images using an LW17 deep learning model	Rathore Y.K., Janghel R.R., Swarup C., Pandey S.K., Kumar A., Singh K.U., Singh T.	26881594	Electronic Research Archive	31	5	0	0	1	1	2	0	2
2023	Timestamp Based OTP and Enhanced RSA Key Exchange Scheme with SIT Encryption to Secure IoT Devices	Kollipara V.N.H., Kalakota S.K., Chamarthi S., Ramani S., Malik P., Karuppiah M.	22451439	Journal of Cyber Security and Mobility	12	1	0	0	0	0	0	0	0
2023	A critical review of fabrication routes and their effects on mechanical properties of AMMCs	Lade J., Mohammed K.A., Singh D., Prasad Verma R., Math P., Saraswat M., Raj Gupta L.	22147853	Materials Today: Proceedings			0	0	4	1	5	0	5
2023	Electrical analysis of PVDF-Gr composite films	Ansari M.U., Khanduri P., Panwar V.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Flexible sugarcane juice based ionic polymer membrane	Khanduri P., Mohanty S., Panwar V.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Mg-based metal matrix composite in biomedical applications: A review	Mohanasundaram S., Bhong M., Vatsa G., Prasad Verma R., Srivastava M., Kumar G., Mohammed K.A., Singh D., Raj Gupta L.	22147853	Materials Today: Proceedings			0	0	4	1	5	0	5
2023	Effect of MXene reinforcement on bending behavior of glass fiber-epoxy based laminated composites	Bodduru K., Kumar S., Chandra Kandpal B., Johri N., Arunprasath K., Kumar Singh L.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Molecular docking studies of different phytochemicals obtained from medicinal Plants of Uttarakhand region for identification of potential inhibitors against mucormycosis causing fungal species	Singh P., Sudhanshu P.K., Revathi K.G., Maheswari M., Bonde S.D., Bharanidharan R.	9749411	Journal of Applied and Natural Science	15	1	0	0	0	0	0	0	0
2023	Analysis of Clustering Algorithms for Facility Location Allocation Problems	Pooja, Kumar R., Viriyasitavat W., Yadav K., Dhiman G.	23673370	Lecture Notes in Networks and Systems	612		0	0	3	1	4	0	4
2023	Algal nanobionics to enhance value added products – A review	Parveen A., Bhatnagar P., Bisht B., Kumar S., Joshi S., Gautam P., Kumar V., Irina A A., Anna I K.	25902628	Current Research in Biotechnology	5		0	0	1	1	2	0	2
2023	An Improved Water Body Segmentation from Satellite Images using MSAA-Net	Guru Prasad M.S., Agarwal J., Christa S., Aditya Pai H., Kumar M.A., Kukreti A.		2023 International Conference on Machine Intelligence for GeoAnalytics and Remote Sensing, MIGARS 2023			0	0	5	0	5	0	5
2023	An efficient design and implementation of a reversible logic CCNOT (Toffoli) gate in QCA for nanotechnology	Patidar M., Kumar Shukla S., Tiwari V., Kumar Prajapati G., Sahu M.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	A Performance Evaluation of Situational-Based Fuzzy Linear Programming Problem for Job Assessment	Slathia S., Kumar R., Lone M., Viriyasitavat W., Kaur A., Dhiman G.	23673370	Lecture Notes in Networks and Systems	612		0	0	3	1	4	0	4
2023	A Chronic Disease Diagnosis Model for Smart Healthcare Systems Enabled by Artificial Intelligence and the Internet of Things	Prasad M.S.G., More P., Christa S., Kumar M.A.		Applications of Artificial Intelligence in the Healthcare Sector			0	0	0	0	0	0	0
2023	Automatic Detection and Monitoring of Hate Speech in Online Multi-social Media	Kumar A., Kumar S., Tyagi V.	18650929	Communications in Computer and Information Science	1749		0	0	0	0	0	0	0
2023	Design of an Energy Aware Cluster-Based Routing Scheme to Minimize Energy Consumption in Wireless Sensor Networks	Barthwal S., Pundir S., Wazid M., Singh D.P., Pundir S.	18650929	Communications in Computer and Information Science	1797		0	0	0	0	0	0	0
2023	A Hybrid Solution for Secure Privacy-Preserving Cloud Storage & Information Retrieval	Kumar A., Aljrees T., Hsieh S.-Y., Singh K.U., Singh T., Raja L., Samriya J.K., Mundotiya R.K.	21921962	Human-centric Computing and Information Sciences	13		0	0	0	0	0	0	0
2023	Interactional Challenges to Effective E-Waste Management of Indian City	Gurjar R.S., Lila M.K., Tyagi P., Verma R.P.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2023	Understanding the slurry erosion behaviour of iron-based chromium carbide coating material during deposition via arc spray coating method	Demirsoz R., Singla A.K., Ugur A., Erdogdu A.E., Korkmaz M.E., Gupta M.K., Krolczyk J.B., Ross N.S.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering			0	0	1	0	1	0	1
2023	Integration of Industry 4.0 technologies into Lean Six Sigma DMAIC: a systematic review	Pongboonchai-Empl T., Antony J., Garza-Reyes J.A., Komkowski T., Tortorella G.L.	9537287	Production Planning and Control			0	0	11	1	12	0	12
2023	Battery thermal management system for the cooling of Li-Ion batteries, used in electric vehicles	Sikarwar S., Kumar R., Yadav A., Gwalwanshi M.	22147853	Materials Today: Proceedings			0	0	8	1	9	0	9
2023	Design of Various Controllers for Car Suspension System	Sunori S.K., Mittal A., Manu M., Agarwal P., Arora S., Garia P., Juneja P.		Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023			0	0	0	0	0	0	0
2023	Optimal real-time tuning of autonomous distributed power systems using modern techniques	Chatterjee S., Mohammed A.N., Mishra S., Sharma N.K., Selim A., Bajaj M., Rihan M., Kamel S.	2296598X	Frontiers in Energy Research	11		0	0	0	0	0	0	0
2023	Security Techniques in Unmanned Air Traffic Management System	Agarwal P., Sharma S., Matta P.		Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023			0	0	2	0	2	0	2
2023	ON SEMI-INFINITE PROGRAMMING PROBLEMS AND STRONG KKT TYPE SUFFICIENT OPTIMALITY CONDITIONS	Joshi B.C., Minocha A.	12237027	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics	85	1	0	0	0	0	0	0	0
2023	Environment and economic analysis of reverse supply chain scenarios for remanufacturing using discrete-event simulation approach	Ravichandran M., Vimal K.E.K., Kumar V., Kulkarni O., Govindaswamy S., Kandasamy J.	1387585X	Environment, Development and Sustainability			0	0	1	0	1	0	1
2023	Optimum relay coordination for reliability evaluation of distribution system with allocation of wind turbine generators	Gupta S., Dwivedi V.K., Thakur P., Bansal R.C.	2286203	International Journal of Modelling and Simulation			0	0	0	0	0	0	0
2023	On semi-infinite interval-valued optimization problems with vanishing constraints involving generalized convex functions	Joshi B.C., Mohan R., Minocha A.	20413165	Mathematics in Engineering, Science and Aerospace	14	1	0	0	0	0	0	0	0
2023	Energy utilization area under Complex q-rung orthopair fuzzy soft information	Jan N., Gwak J., Garg H., Jeon Y., Kang H.	24736988	AIMS Mathematics	8	5	0	0	1	0	1	0	1
2023	On generalized strongly convex functions involving bifunctions	Joshi B.C., Minocha A.	13598678	Nonlinear Studies	30	1	0	0	0	0	0	0	0

2023	Design and analysis of organic thin film gas sensor based on bottom gate elevated electrode structure	Pratap Singh Rathod A., Kumar Mishra P., Mishra A.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Adhesion and wear behaviour of bagasse biochar reinforced epoxy composite	Biban L., Rajeswaran M., Dhanaraj R., Bhai Patel P., Pravin P., Mothilal T.	22147853	Materials Today: Proceedings			0	0	1	0	1	0	1
2023	Experimental investigation of RHA biochar and tamarind fibre epoxy composite	Yatika G., Ram Kumar S., Patel P.B., Pratap Singh D., Rajkamal M.D., Boopathi S.	22147853	Materials Today: Proceedings			0	0	4	0	4	0	4
2023	Drilling process parameter optimization of natural fibre reinforced polymer matrix composites	Ahuja B., Johri N., Chandra Kandpal B., Kumar Singh L., Parkash Singh P.	22147853	Materials Today: Proceedings			0	0	2	0	2	0	2
2023	Role of CNT in influencing the mechanical properties of the Mg-based composites: An overview	Chandrasekhar B., Dharme A., Kumar Sharma S., Taluja R., Jarali O.A., Kalra R., Kumar G.	22147853	Materials Today: Proceedings			0	0	5	1	6	0	6
2023	A brief overview of the equal channel angular processing approach	Chandrasekhar B., Shirbhate S., Abdul-Zahra D.S., Patil P.P., Yadav D.K., Kumar G., Sharma S.K.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Significance of reinforcement in Mg-based MMCs for various applications: A review	Sambasivam S., Shirbhate S., Abed A.S., Patil P.P., Khan I., Singh R., Kansal L., Awasthi A.	22147853	Materials Today: Proceedings			0	0	4	1	5	0	5
2023	The impact of adding PMMA to flexible conducting membrane of PVDF//Fe3O4	Mohanty S., Panwar V., Khanduri P.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Influence of sintering temperature on mechanical and tribological characteristics of copper based composite reinforced by 2D hybrid material	Nautiyal H., Gautam R.K.S., Singh S., Goswami R., Gautam G., Raturi A., Khatri O.P., Tyagi R.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering			0	0	0	0	0	0	0
2023	Low velocity impact toughness, fracture toughness and mechanical properties of Hevea brasiliensis husk cellulose toughened stacked aramid/sisal fibre up composites: a characterization study	Dharmavarapu P., Sravanthi C., Angolkar P., Amresh H., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	0	0	1	1	0	1
2023	Effects of alloying element on the mechanical behavior of Mg-MMCs: A review	Walke S., Kale V.M., Patil P.P., Giri J.M., Kumar H., Kumar M., Arun V.	22147853	Materials Today: Proceedings			0	0	6	1	7	0	7
2023	Three-point bending and ILSS of high lamina bamboo fibre and polyester resin composite	Arivalagan M., Raghul K.S., Mothilal T., Kumar S., Ravi D., Natrayan L.	22147853	Materials Today: Proceedings			0	0	1	0	1	0	1
2023	Severe plastic deformation: A state of art	Kumar H., Devade K., Pratap Singh D., Giri J.M., Kumar M., Arun V.	22147853	Materials Today: Proceedings			0	0	2	1	3	0	3
2023	Surface roughness and topography of EDM machining of Inconel 718	Prakashrao Patil S., Leela Prasad G., Sai Kiran C., Kumar S., Ramasamy V., Mohammed Ali H.	22147853	Materials Today: Proceedings			0	0	3	0	3	0	3
2023	EDM machining of Ti6Al4V alloy using colloidal biosilica	Mehershilpa G., Prasad D., Sai Kiran C., Shaikh A., Jayashree K., Socrates S.	22147853	Materials Today: Proceedings			0	0	1	0	1	0	1
2023	Solar-powered five-leg inverter-driven quasi-dynamic charging for a slow-moving vehicle	Shanmugam Y., Narayanamoorthi R., Vishnuram P., Savio D., Yadav A., Bajaj M., Nauman A., Khurshaid T., Kamel S.	2296598X	Frontiers in Energy Research	11		0	0	11	0	11	0	11
2023	Vehicle Collision Avoidance System During Lane Change using Internet-of-Things	Ranjan A., Sharma S., Goyal H.R., Kumar K.C.N.		IDCIoT 2023 - International Conference on Intelligent Data Communication Technologies and Internet of Things, Proceedings			0	0	2	0	2	0	2
2023	Friction stir welding of nylon 6–6 thick plates using biochar colloidal nanoparticle	Kaliappan S., Balaji V., Mohan Raj N., Yatika G., Natrayan L., Shyam D.	22147853	Materials Today: Proceedings			0	0	1	0	1	0	1
2023	Role of processing techniques related to Mg-MMCs for biomedical implantation: An overview	Sambasivam S., Abed A.S., Chopde S., Patil P.P., Math P., Parmar A., Singh R., Kansal L., Awasthi A.	22147853	Materials Today: Proceedings			0	0	25	1	26	0	26
2023	EMI shielding behavior ferrosilicon epoxy thin film at X and Ku band frequencies	Arivalagan M., Balaji V., John Clement Sunder A., Pravin P., Ravi D., Sivamani D.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Dielectric and conductance of biochar-based PVA flexible nanocomposite film	Kaliappan S., Biban L., Prasad D., Shaikh A., Ragupathy P., Mohammed Ali H.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0
2023	Lifecycle-based feasibility indicators for floating solar photovoltaic plants along with implementable energy enhancement strategies and framework-driven assessment approaches leading to advancements in the simulation tool	Kumar N.M., Islam S., Podder A.K., Selim A., Bajaj M., Kamel S.	2296598X	Frontiers in Energy Research	11		0	0	4	0	4	0	4
2023	Abrasive water jet machining of pineapple fibre epoxy composite at high transverse speed	Karthikeyan R., Leela Prasad G., Saraswathy R., Pratap Singh D., Rajkamal M.D., Madhu S.	22147853	Materials Today: Proceedings			0	0	1	0	1	0	1
2023	Espousing AI to Enhance Cost-Efficient and Immersive Experience for Human Computer Interaction	Chaturvedi D., Arya A., Khan M.Z., Aljohani E., Liyakathunisa, Arya V., Sukhija N., Srivastava P.	2158107X	International Journal of Advanced Computer Science and Applications	14	2	0	0	0	0	0	0	0
2023	Non-knowledge Based Decision Support System	Taranath N.L., Prabhu B.P.A., Dani R., Tiwari D., Darshan L.M.	23673370	Lecture Notes in Networks and Systems	587		0	0	1	0	1	0	1
2023	Big Data and Deep Learning with Case Study: An Empirical Stock Market Analysis	Kapil D., Mittal V.	23673370	Lecture Notes in Networks and Systems	599		0	0	0	0	0	0	0
2023	Study of Co-doped ZnO thin films deposited by low-cost spin coating	Dhyani A.M., Nautiyal A., Kumar N., Rathi S., Kumar D.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0

2023	Designing a Secure Audio / Text Based Captcha Using Neural Network	Pai H.A., Anandkumar M., Prasad M.S.G., Agarwal J., Christa S.		Proceedings of the 13th International Conference on Cloud Computing, Data Science and Engineering, Confluence 2023			0	0	4	0	4	0	4
2023	Machine Learning Application for News Text Classification	Agarwal J., Christa S., Pai H.A., Kumar M.A., Prasad M.S.G.		Proceedings of the 13th International Conference on Cloud Computing, Data Science and Engineering, Confluence 2023			0	0	5	0	5	0	5
2023	Radial Median LBP: A novel Local Age Invariant Descriptor in Unconstrained Conditions	Karanwal S., Diwakar M.		Proceedings of the 13th International Conference on Cloud Computing, Data Science and Engineering, Confluence 2023			0	0	0	0	0	0	0
2023	Software Metrics for Assessing Reusability of Component Based Software System	Agarwal J., Gupta S., Pai H.A.		Proceedings of the 13th International Conference on Cloud Computing, Data Science and Engineering, Confluence 2023			0	0	0	0	0	0	0
2023	Price Prediction of Bitcoin using Social Media Activities and Past Trends	Sharma K.P., Singh S.K., Choudhary A., Goel H.		Proceedings of the 13th International Conference on Cloud Computing, Data Science and Engineering, Confluence 2023			0	0	2	0	2	0	2
2023	Processing of Cereals	Das T., Thakur R., Dhua S., Teixeira-Costa B.E., Beber Rodrigues M., Pereira M.M., Mishra P., Gupta A.K.		Cereal Grains: Composition, Nutritional Attributes, and Potential Applications			0	0	1	0	1	0	1
2023	Classification of Wafer Defects with Optimized Deep Learning Model	Ang K.H., Ang K.M., Juhari M.R.B.M., Wong C.H., Sharma A., Ang C.K., Tiang S.S., Lim W.H.	24359157	Proceedings of International Conference on Artificial Life and Robotics			0	0	0	0	0	0	0
2023	Performance Comparison of Convolutional Neural Network for COVID-19 Diagnosis	Wadekar S.P., Ang K.M., Wong C.H., Sharma A., Lim T.H., Ang C.K., Tiang S.S., Lim W.H.	24359157	Proceedings of International Conference on Artificial Life and Robotics			0	0	0	0	0	0	0
2023	Chaotic African Vultures Optimization Algorithm for Feature Selection	Cheng W.-L., Pan L., Juhari M.R.B.M., Wong C.H., Sharma A., Lim T.H., Tiang S.S., Lim W.H.	24359157	Proceedings of International Conference on Artificial Life and Robotics			0	0	0	0	0	0	0
2023	Experimental Investigations on the Performance of Thermosyphon Solar Flat Plate Collector using TiO2 Nanofluids	Suthahar S.T.J., Saravanan S., Karthikeyan B., Jaisankar S., Palanisamy R., Bajaj M., Pushkarna M., Alphonse S.	16874110	Journal of Nanomaterials	2023		0	0	0	0	0	0	0
2023	Optimization of Filler Content and Size on Mechanical Performance of Graphene/Hemp/Epoxy-Based Hybrid Composites using Taguchi with ANN Technique	Natrayan L., Bhaskar A., Patil P.P., Kaliappan S., Dineshkumar M., Esakkiraj E.S.	16874110	Journal of Nanomaterials	2023		0	0	11	2	13	0	13
2023	Design Thinking Framework Toward Management Control System in Environmental Dynamism: An Innovation Perspective	Verma P., Kumar V., Daim T., Kumar Sharma N.	189391	IEEE Transactions on Engineering Management			0	0	4	3	7	0	7
2023	Microwave-irradiated bio-fabrication of TiO2 nanoparticles stabilized by phytoconstituents from Phyllanthus emblica seeds and its antibacterial activities	Ahmad W., Jaiswal K.K., Bajetha A., Naresh N., Verma R., Banerjee I.	24701556	Inorganic and Nano-Metal Chemistry			0	0	2	4	6	0	6
2023	Short-Term PV Power Forecasting Using a Hybrid TVF-EMD-ELM Strategy	Khelifi R., Guermoui M., Rabehi A., Taallah A., Zoukel A., Ghoneim S.S.M., Bajaj M., AboRas K.M., Zaitsev I.	20507038	International Transactions on Electrical Energy Systems	2023		0	0	4	1	5	0	5
2023	Atropa belladonna (Deadly Nightshade)	Singh A., Pal V., Aggarwal S., Pant M.		Exploring Poisonous Plants: Medicinal Values, Toxicity Responses, and Therapeutic Uses			0	0	0	0	0	0	0
2023	Digitalis purpurea (Foxglove Plant)	Tina T., Pal V., Pant M.		Exploring Poisonous Plants: Medicinal Values, Toxicity Responses, and Therapeutic Uses			0	0	2	0	2	0	2
2023	Effect of Bluff Body Shape on the Growth Rate of Wake Instability	Chandra D., Dobriyal R., Kharola A., Sharma R.C.	1487191	SAE Technical Papers			0	0	1	0	1	0	1
2023	Low-dose COVID-19 CT Image Denoising Using CNN and its Method Noise Thresholding	Diwakar M., Pandey N.K., Singh R., Sisodia D., Arya C., Singh P., Chakraborty C.	15734056	Current Medical Imaging	19	2	0	0	4	1	5	0	5
2023	Influence of SiO2Filler Addition on the Types i and II Shear Fracture Toughness of Hemp Fiber-Reinforced Epoxy Mixtures	Natrayan L., Surakasi R., Heaven Dani M.S., Patil P.P., Manikandan T., Mannan K.T., Chewaka M.D.	16874110	Journal of Nanomaterials	2023		0	0	0	0	0	0	0
2023	Microbiological and Physico-Chemical Quality Assessment of drinking water in Dehradun	Pant R., Gupta A., Kukreti S., Kaur H., Dhyani N., Rohilla B., Patrick N.	9743618	Research Journal of Pharmacy and Technology	16	1	0	0	0	0	0	0	0
2023	Advances in Mathematical and Computational Modeling of Engineering Systems	Awasthi M.K., Verma M., Ram M.		Advances in Mathematical and Computational Modeling of Engineering Systems			0	0	0	0	0	0	0
2023	Heat and mass transfer in convective flow of nanofluid	Pandey A.K., Upreti H.		Advances in Mathematical and Computational Modeling of Engineering Systems			0	0	0	0	0	0	0
2023	Preface	Awasthi M.K., Verma M., Ram M.		Advances in Mathematical and Computational Modeling of Engineering Systems			0	0	0	0	0	0	0
2023	The Effectiveness of Balanites aegyptiaca Oil Nanofluid Augmented with Nanoparticles as Cutting Fluids during the Turning Process	Singh N.K., Singh Y., Singh Y., Rahim E.A., Sharma A., Singla A., Ranjit P.S.		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0
2023	Chemical Processing Techniques Related to Bio-Waste for Their Conversion to Biofuel	Joshi H.C., Grag N., Ahmad W.		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0
2023	Sustainability of Waste Cooking Oil for the Production of Biodiesel and Its Tribological Applications: A Review	Singh Y., Rahim E.A., Singh N.K., Harma A., Singla A., Palmanit A.		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0

2023	Preface	Singh Y., Strezov V., Negi P.		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0
2023	Challenges and Future Prospects of Biofuel Generations: An Overview	Singla A., Singh Y., Singh Y., Rahim E.A., Singh N.K., Sharma A.		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0
2023	A Comparative Study of Physicochemical Properties and Performance Characteristics of Various Biodiesel Feedstock: An Overview	Joshi H.C., Ahmad W., Sharma N., Kumar V., Kimothi S., Bhawana		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0
2023	Biowaste and Biomass in Biofuel Applications	Singh Y., Strezov V., Negi P.		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0
2023	Application of Nanofluids in Solar Desalination Process: A Review	Yadav A., Singh Y., Rahim E.A., Negi P., Chen W.-H., Singh N.K., Sharma A.		Biowaste and Biomass in Biofuel Applications			0	0	0	0	0	0	0
2023	A Review of Low Temperature Combustion Techniques and the Evolution of Combustion Strategies	Gwalwanshi M., Chauhan M.K., Kumar R.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2023	Prediction of Crack Propagation Rate Due to Stress Corrosion Cracking in AISI 4340 Steel in 0–5 N NaCl Solution Using Artificial Neural Network	Chandola N., Maharishi S., Tewari V.K., Shukla A.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2023	The Role of IoT and IIoT in Supplier and Customer Continuous Improvement Interface	Kumar V., Sharma N.K., Mittal A., Verma P.	25228595	EAI/Springer Innovations in Communication and Computing			0	0	1	0	1	0	1
2023	Mediating effect of perceived organisational support in the relation between job stress and organisational commitment	Mishra A.K., Upadhyay R.K., Chaudhary A., Singh A.	1751200X	International Journal of Business and Systems Research	17	1	0	0	0	0	0	0	0
2023	Investigation of dielectric and mechanical properties of Lignocellulosic Rice Husk Fibril for high and medium voltage electrical insulation applications	Rajamanikandan T., Banumathi S., Karthikeyan B., Palanisamy R., Bajaj M., Zawbaa H.M., Kamel S.	22387854	Journal of Materials Research and Technology	22		0	0	5	0	5	0	5
2023	LQETA-RP: link quality based energy and trust aware routing protocol for wireless multimedia sensor networks	Kirubasri G., Sankar S., Guru Prasad M.S., Naga Chandrika G., Ramasubbareddy S.	9756809	International Journal of System Assurance Engineering and Management			0	0	8	0	8	0	8
2023	Influence of job satisfaction on organisational citizenship behaviour with moderating role of emotional and career commitments among Indian nurses	Mishra A.K., Rai A., Gujrati P., Tiwari B.B.	17510252	International Journal of Business Innovation and Research	30	2	0	0	0	0	0	0	0
2023	Investigations on erosion performance of carbon fiber–epoxy-based composite adhesion on 16Cr5Ni steel	Sharma M., Goyal D.K., Bansal A., Singla A.K., Grover N.K., Gupta M.K., Khanna N.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering			0	0	2	0	2	0	2
2023	An investigation on the use of waste materials from industrial processes in clay brick production	Padmalosan P., Vanitha S., Sampath Kumar V., Anish M., Tiwari R., Kishor Dhapekar N., Singh Yadav A.	22147853	Materials Today: Proceedings			0	0	4	0	4	0	4
2023	Detecting COVID-19 From Lung Computed Tomography Images: A Swarm Optimized Artificial Neural Network Approach	Punitha S., Stephan T., Kannan R., Mahmud M., Kaiser M.S., Belhaouari S.B.	21693536	IEEE Access	11		0	0	5	0	5	0	5
2023	Evaluation and Comparison of Different Methods for Improving Fault Ride-Through Capability in Grid-Tied Permanent Magnet Synchronous Wind Generators	Mahmoud M.M., Atia B.S., Esmail Y.M., Bajaj M., Mbadjoun Wapet D.E., Ratib M.K., Biplob Hossain M., Aboras K.M., Abdel-Rahim A.-M.M.	20507038	International Transactions on Electrical Energy Systems	2023		0	0	15	0	15	0	15
2023	On the shock-driven hydrodynamic instability in square and rectangular light gas bubbles: A comparative study from numerical simulations	Singh S., Torrilhon M.	10706631	Physics of Fluids	35	1	0	0	3	2	5	0	5
2023	A Novel Approach for Minimizing Processing Times of Three-Stage Flow Shop Scheduling Problems under Fuzziness	Alburaikan A., Garg H., Khalifa H.A.E.-W.	20738994	Symmetry	15	1	0	0	2	0	2	0	2
2023	IoMT with Deep CNN: AI-Based Intelligent Support System for Pandemic Diseases	Thandapani S., Mahaboob M.I., Iwendi C., Selvaraj D., Dumka A., Rashid M., Mohan S.	20799292	Electronics (Switzerland)	12	2	0	0	11	1	12	0	12
2023	Direct Study of CO2 Capture Efficiency during Microalgae Arthrospira platensis Cultivation at High CO2 Concentrations	Chunzhuk E.A., Grigorenko A.V., Chernova N.I., Kiseleva S.V., Ryndin K.G., Popel O.S., Malaniy S.Y., Slavkina O.V., de Farias Neves F., Leng L., Kumar V., Vlaskin M.S.	19961073	Energies	16	2	0	0	8	0	8	0	8
2023	A systematic review of the integration of Industry 4.0 with quality-related operational excellence methodologies	Komkowski T., Antony J., Garza-Reyes J.A., Tortorella G.L., Pongboonchai-Empl T.	10686967	Quality Management Journal	30	1	0	0	4	0	4	0	4
2023	Promising Role of Polylactic Acid as an Ingenious Biomaterial in Scaffolds, Drug Delivery, Tissue Engineering, and Medical Implants: Research Developments, and Prospective Applications	Ranakoti L., Gangil B., Bhandari P., Singh T., Sharma S., Singh J., Singh S.	14203049	Molecules	28	2	0	0	6	1	7	0	7
2023	Factors Influencing Behavioural Intentions Towards Investment in Cryptocurrency: A Study on Generation Z Female of India	Joshi G., Gour P.N., Soti P., Aggarwal A., Singh H., Gupta S.K.	18761100	Lecture Notes in Electrical Engineering	959		0	0	1	2	3	0	3
2023	Evaluating Traceability Technology Adoption in Food Supply Chain: A Game Theoretic Approach	Gupta N., Soni G., Mittal S., Mukherjee I., Ramtiyal B., Kumar D.	20711050	Sustainability (Switzerland)	15	2	0	0	2	0	2	0	2
2023	Investigating the Performance of a Zinc Oxide Impregnated Polyvinyl Alcohol-Based Low-Cost Cation Exchange Membrane in Microbial Fuel Cells	Chauhan S., Kumar A., Pandit S., Vempaty A., Kumar M., Thapa B.S., Rai N., Peera S.G.	20770375	Membranes	13	1	0	0	5	2	7	0	7
2023	Papaya (Carica papaya) leaves extract based synthesis, characterizations and antimicrobial activities of CeO2 nanoparticles (CeO2 NPs)	Joshi N.C., Negi T., Gururani P.	24701556	Inorganic and Nano-Metal Chemistry			0	0	2	1	3	0	3
2023	Studies on dielectric properties of barium titanate-polyetherimide nanocomposite	Sonika, Verma S.K., Sharma G., Sharma A., Prajapati R.N.	22147853	Materials Today: Proceedings			0	0	1	0	1	0	1

2023	An Empirical Survey on Wireless Inductive Power Pad and Resonant Magnetic Field Coupling for In-Motion EV Charging System	Rahulkumar J., Narayanamoorthi R., Vishnuram P., Bajaj M., Blazek V., Prokop L., Misak S.	21693536	IEEE Access	11		0	0	16	0	16	0	16
2023	Optimization, Characterization, and Biological Applications of Silver Nanoparticles Synthesized Using Essential Oil of Aerial Part of Laggera tomentosa	Gonfa Y.H., Gelagle A.A., Hailegnaw B., Kabeto S.A., Workeneh G.A., Tessema F.B., Tadesse M.G., Wabaidur S.M., Dahlous K.A., Abou Fayssal S., Kumar P., Adelodun B., Bachheti A., Bachheti R.K.	20711050	Sustainability (Switzerland)	15	1	0	0	3	0	3	0	3
2023	Microbial Electrochemical Treatment of Methyl Red Dye Degradation Using Co-Culture Method	Sharma K., Pandit S., Mathuriya A.S., Gupta P.K., Pant K., Jadhav D.A.	20734441	Water (Switzerland)	15	1	0	0	4	2	6	0	6
2023	A New Approach to Compute System Reliability with Three-Serially Linked Modules	Sadiya, Ram M., Kumar A.	22277390	Mathematics	11	1	0	0	3	0	3	0	3
2023	Particle swarm optimization based numerical study for pressure, flow, and heat transfer over a rotating disk with temperature dependent nanofluid properties	Upreti H., Uddin Z., Pandey A.K., Joshi N.	10407782	Numerical Heat Transfer; Part A: Applications	83	8	0	0	12	1	13	0	13
2023	Supply Chain Management of E-Waste for End-of-Life Electronic Products with Reverse Logistics	Kumar Singh S., Chauhan A., Sarkar B.	22277390	Mathematics	11	1	0	0	8	0	8	0	8
2023	Grape stalk cellulose toughened plain weaved bamboo fiber-reinforced epoxy composite: load bearing and time-dependent behavior	Muralidaran V.M., Natrayan L., Kaliappan S., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	0	13	1	14	0	14
2023	Comprehensive Study on Reduced DC Source Count: Multilevel Inverters and Its Design Topologies	Eswar K.N.D.V.S., Doss M.A.N., Vishnuram P., Selim A., Bajaj M., Kotb H., Kamel S.	19961073	Energies	16	1	0	0	8	0	8	0	8
2023	Characteristics of Ni-P-CNF electroless nanocomposite platings	Ram M., Kimothi S.K., Sharma S., Gautam G., Sharma A.	22147853	Materials Today: Proceedings	80		0	0	3	0	3	0	3
2023	Microhardness and wear resistance of alkaline electroless Ni-P/Ni-P-ZnO nanocomposite platings	Kumar K., Bansal V., Sharma S., Kimothi S., Sharma A.	22147853	Materials Today: Proceedings	80		0	0	1	1	2	0	2
2023	Deciphering the Antimicrobial Potential of Taxus wallichiana Zucc: Identification and Characterization Using Bioassay-Guided Fractionation	Adhikari P., Agnihotri V., Suman S.K., Pandey A.	16121872	Chemistry and Biodiversity	20	1	0	0	0	0	0	0	0
2023	Operational excellence methodologies in the energy sector: A systematic literature review	Al Zaabi Y., Antony J., Garza-Reyes J.A., Tortorella G.	14783363	Total Quality Management and Business Excellence	34	9-10	0	0	0	0	0	0	0
2023	Analysis of Operational Amplifier Layout in 45 nm Technology Using Matching Techniques	Kukreti K., Joshi A., Dhiman T.	23673370	Lecture Notes in Networks and Systems	516		0	0	0	0	0	0	0
2023	Evaluation of the Datura peels derived biochar-based Anode for enhancing power output in microbial fuel cell application	Vempaty A., Kumar A., Pandit S., Gupta M., Mathuriya A.S., Lahiri D., Nag M., Kumar Y., Joshi S., Kumar N.	18788181	Biocatalysis and Agricultural Biotechnology	47		0	0	7	1	8	0	8
2023	Optimizing Storage for Energy Conservation in Tracking Wireless Sensor Network Objects	Sharma V., Khan M.Z., Batra S., Alsaeedi A., Srivastava P.	2676192	Computer Systems Science and Engineering	45	2	0	0	2	0	2	0	2
2023	Nanomaterials for supercapacitors as energy storage application: Focus on its characteristics and limitations	Nayak A., Bhushan B., Kotnala S., Kukretee N., Chaudhary P., Tripathy A.R., Ghai K., Laxmi Mudliar S.	22147853	Materials Today: Proceedings	73		0	0	1	0	1	0	1
2023	Emerging trends in silk fibroin based nanofibers for impaired wound healing	Sabarees G., Tamilarasi G.P., Velmurugan V., Alagarsamy V., Sibuh B.Z., Sikarwar M., Taneja P., Kumar A., Gupta P.K.	17732247	Journal of Drug Delivery Science and Technology	79		0	0	8	2	10	0	10
2023	Illuminating the signalomics of microbial biofilm on plant surfaces	Patwardhan S.B., Pandit C., Pandit S., Verma D., Lahiri D., Nag M., Ray R.R., Jha P., Prasad R.	18788181	Biocatalysis and Agricultural Biotechnology	47		0	0	3	0	3	0	3
2023	Comparative Analysis of Convolutional Neural Network in Object Detection	Kansal V., Jain U., Pant B., Kotiyal A.	23673370	Lecture Notes in Networks and Systems	520		0	0	0	0	0	0	0
2023	An AI-Based Scientific Approach to Analyze and Predict Attritions in an Organization	Joshi D., Sharma G., Nainwal A., Tripathi V.	23673370	Lecture Notes in Networks and Systems	520		0	0	0	0	0	0	0
2023	Sustainable biodiesel supply chain model based on waste animal fat with subsidy and advertisement	Singh S.K., Chauhan A., Sarkar B.	9596526	Journal of Cleaner Production	382		0	0	15	4	19	0	19
2023	Coplanar semi-circular electrodes based multi-microchannel microfluidic network device for binary bio-cell separation	Kumar M., Gupta A., Kumar A., Singh K.	22147853	Materials Today: Proceedings	79		0	0	0	0	0	0	0
2023	A study of dual phage lag model of heat transfer for solidification of binary eutectic alloy	Upadhyay S., Kaur H., Sharma P., Chauhan A., Kumar S., Rai K.N., Joshi P.K.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Evolving technology and new paradigms in analytical sciences. A sustainable solution for degradation of biodecomposable waste - a hybrid model	Laxmi Mudliar S., Nayak A., Bhushan B.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Optimization on tribological properties of natural fiber reinforced brake friction composite materials: Effect of objective and subjective weighting methods	Singh T., Singh V., Ranakoti L., Kumar S.	1429418	Polymer Testing	117		0	0	10	2	12	0	12
2023	Implementation challenges of blockchain technology in closed-loop supply chain: A Waste Electrical and Electronic Equipment (WEEE) management perspective in developing countries	Joshi S., Sharma M., Barve A.	16258312	Supply Chain Forum	24	1	0	1	5	1	7	0	7
2023	Comparison of Supervised Machine Learning Algorithms for Predicting Employee Performance on Real Time Dataset	Joshi D., Sharma G., Nainwal A., Tripathi V.	23673370	Lecture Notes in Networks and Systems	528		0	0	0	0	0	0	0
2023	A Comprehending Deep Learning Approach for Disease Classification	Nainwal A., Pant B., Sharma G.	23673370	Lecture Notes in Networks and Systems	528		0	0	1	0	1	0	1
2023	AISCM-FH: AI-Enabled Secure Communication Mechanism in Fog Computing-Based Healthcare	Wazid M., Das A.K., Shetty S., Rodrigues J.J.P.C., Guizani M.	15566013	IEEE Transactions on Information Forensics and Security	18		0	1	8	2	11	0	11

2023	Parameterization of vegetation and soil parameters of the modified water cloud model (MWCM) for hybrid-polarized SAR data over wheat dominating area	Singh Rawat K., Kumar Sehgal V., Vidyarthi A.S.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Hybrid nanofluid flow over a vertical flat plate with Marangoni convection in the presence of quadratic thermal radiation and exponential heat source	Yaseen M., Garia R., Rawat S.K., Kumar M.	1430750	International Journal of Ambient Energy	44	1	0	0	8	2	10	0	10
2023	The International Natural Product Sciences Taskforce (INPST) and the power of Twitter networking exemplified through #INPST hashtag analysis	Singla R.K., De R., Efferth T., Mezzetti B., Sahab Uddin M., Sanusi, Ntie-Kang F., Wang D., Schultz F., Kharat K.R., Devkota H.P., Battino M., Sur D., Lordan R., Patnaik S.S., Tsagkaris C., Sai C.S., Tripathi S.K., Gaman M.-A., Ahmed M.E.O., Gonzalez-Burgos E., Babiaka S.B., Paswan S.K., Odimegwu J.I., Akram F., Simal-Gandara J., Urquiza M.S., Tikhonov A., Mondal H., Singla S., Lonardo S.D., Mulholland E.J., Cenanovic M., Maigoro A.Y., Giampieri F., Lee S., Tzvetkov N.T., Louka A.M., Verma P., Chopra H., Olea S.P., Khan J., Alvarez Suarez J.M., Zheng X., Tomczyk M., Sabnani M.K., Medina C.D.V., Khalid G.M., Boyina H.K., Georgiev M.I., Supuran C.T., Sobarzo-Sanchez E., Fan T.-P., Pittala V., Sureda A., Braidy N.,	9447113	Phytomedicine	108		0	1	20	2	23	0	23
2023	An Improved Energy Conservation Routing Mechanism in Heterogeneous Wireless Sensor Networks	Barthwal S., Pundir S., Wazid M., Singh D.P.	21903018	Smart Innovation, Systems and Technologies	312		0	0	1	0	1	0	1
2023	Blockchain-driven Smart Healthcare System: Challenges, Technologies and Future Research	Thapliyal S., Wazid M., Singh D.P.	21903018	Smart Innovation, Systems and Technologies	311		0	0	4	0	4	0	4
2023	A Machine Learning Approach in 5G User Prediction	Upadhyay D., Tiwari P., Mohd N., Pant B.	21903018	Smart Innovation, Systems and Technologies	311		0	0	2	0	2	0	2
2023	Twitter Sentiment Analysis Using Machine Learning and Deep Learning	Tiwari P., Upadhyay D., Pant B., Mohd N.	21903018	Smart Innovation, Systems and Technologies	311		0	0	0	0	0	0	0
2023	Time-Delay Compensator Design and Its Applications in Process Control—A Review	Juneja P.K., Saini P., Dixit A., Varshney N., Sunori S.K.	21903018	Smart Innovation, Systems and Technologies	312		0	0	1	0	1	0	1
2023	Additive manufacturing integration in E-commerce supply chain network to improve resilience and competitiveness	Ekren B.Y., Stylos N., Zwiegelaar J., Turhanlar E.E., Kumar V.	1569190X	Simulation Modelling Practice and Theory	122		0	0	4	0	4	0	4
2023	Experimental studies on alternate foundations for load transfer in deep clay deposits	Kumbhare V., Prakashrao Dahale P., Hiwase P.D., Geete S.S., Mishra N.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Study of concrete mix by adding Dolomite in conventional concrete as partial replacement with cement	Gusain I., Sharma S., Debarma S., Kumar Sharma A., Mishra N., Prakashrao Dahale P.	22147853	Materials Today: Proceedings	73		0	0	2	0	2	0	2
2023	In-silico screening and identification of potential bioactive compounds of Trifolium repens against pathogenic bacterial target proteins	Ngangom L., Venugopal D., Pandey N., Kumar N.	22147853	Materials Today: Proceedings	73		0	0	1	1	2	0	2
2023	AC electrical properties of CNF/PTFE composite	Uniyal D., Ummer, Juyal S., Deep Singh G., Mishra A., Mohmmad N., Kukreti R., Juneja P., Singh Gill F.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Molecular docking of phyto-compounds against VP1 and VP2 proteins of IPNV (Infectious Pancreatic Necrosis Virus) for deriving possible therapeutic agents	Panwar S., Thapliyal M., Pande A., Thapliyal A.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Venturia inaequalis post-infection enhancement of secondary metabolites in the peels of delicious apple variety	Ahmad Shah A., Gupta A.	22147853	Materials Today: Proceedings	73		0	0	3	0	3	0	3
2023	Fourier transform infrared spectroscopy (FTIR) analysis, antioxidant and anti-inflammatory activities of leaf and fruit extracts of Gymnosporia montana	Sutariya S., Ahmad Shah A., Bajpai A.B., Sharma R.J., Pandhurnekar C.P., Gupta A.	22147853	Materials Today: Proceedings	73		0	0	3	0	3	0	3
2023	Effect of different light on microalgae growth and its integration with carbon dioxide sequestration technologies with emphasis on biofixation by microalgae	Shah S.V., Lamba B.Y., Sharma R., Tiwari A.K., Parveen A., Kumar V.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Nanostructured double perovskite magnetic thin films by PLD	Sharma S., Kumar D., Manori Dhyani A., Bhardwaj C.	22147853	Materials Today: Proceedings	73		0	0	2	0	2	0	2
2023	Analyzing ballistic impact of bullet over laminated test specimen	Singh Panwar K., Johri N., Chandra Kandpal B., Kumar Singh L.	22147853	Materials Today: Proceedings	73		0	0	1	1	2	0	2
2023	Fabrication of a magnetite hydroxyapatite nanocomposite for the removal of Paraquat dichloride: Adsorption studies	Kotnala S., Bhushan B., Nayak A.	22147853	Materials Today: Proceedings	73		0	0	2	0	2	0	2
2023	A Novel Fusion Scheme for Face Recognition in Challenging Conditions	Karanwal S.	23673370	Lecture Notes in Networks and Systems	478		0	0	0	0	0	0	0
2023	A review on holistic approaches for fruits and vegetables biowastes valorization	Bisht B., Gururani P., Aman J., Vlaskin M.S., Anna I K., Irina A A., Joshi S., Kumar S., Kumar V.	22147853	Materials Today: Proceedings	73		0	0	6	0	6	0	6
2023	GEU-AMP50: Enhanced antimicrobial peptide prediction using a machine learning approach	Panwar S., Thapliyal M., Kuriyal V., Tripathi V., Thapliyal A.	22147853	Materials Today: Proceedings	73		0	0	1	1	2	0	2
2023	Synthesis and characterizations of heterocyclic esters in solvent free condition	Meshram S., Bharati A., Bisht B.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0

2023	Electrification and performance analysis of hybrid PV solar/wind energy system for remote and hilly area of Uttarakhand (India)	Bahuguna N.K., Bisht T.K., Bhawana, Sharma P., Sharma N., Joshi H.C., Meshrama S.	22147853	Materials Today: Proceedings	73		0	0	1	0	1	0	1
2023	Himalayan Wild Fruits as a Strong Source of Nutraceuticals, Therapeutics, Food and Nutrition Security	Semwal P., Painuli S., Jamloki A., Rauf A., Rahman M.M., Olatunde A., Hemeg H.A., Abu-Izneid T., Naz S., Punia Bangar S., Lorenzo J.M., Simal-Gandara J.	87559129	Food Reviews International	39	9	0	1	3	0	4	0	4
2023	Design and modelling of thin film bulk acoustic resonator (FBAR) for RF application	Joshi P.K., Bhalotiya L.H., Jaiswal S.W., Butram V.W., Hasamnis M.A., Upadhyay S.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Assessment of the environmental impact on the ecosystem of Doon–valley by auto workshops effluents	Singh R., Joshi P., Singh M., Thakur K., Rohan, Kumari S., Chauhan V.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Computation Signature Reliability of Computer Numerical Control System Using Universal Generating Function	Pandey T., Batra A., Chaudhary M., Ranakoti A., Kumar A., Ram M.	16147839	Springer Series in Reliability Engineering			0	0	0	0	0	0	0
2023	Recent advances in the energy harvesting device technology using hetero-atom doped carbon nanotubes	Pandhurnekar H.C., Pandhurnekar C.P., Sharma N.	22147853	Materials Today: Proceedings	73		0	0	2	0	2	0	2
2023	Mathematical Modeling for Evaluation Reliability of a Bleaching System	Tyagi S., Kumar A., Goyal N., Ram M.	16147839	Springer Series in Reliability Engineering			0	0	0	0	0	0	0
2023	Photocatalytic behavior of NiO nanoparticles towards photocatalytic degradation of paracetamol	Ahmad W., Kaur N., Joshi H.C.	22147853	Materials Today: Proceedings	73		0	0	3	0	3	0	3
2023	Effect of pH and gelling agents in nutrient medium on in vitro shoot multiplication of Swertia chirata Buch.-Ham ex Wall: An endangered medicinal herb	Pant M., Bisht P., Gusain M.P., Pant K.	22147853	Materials Today: Proceedings	73		0	0	0	1	1	0	1
2023	A Novel Meta-Classifier Framework Approach for Land Use Land Cover Classification	Bhatt J., Nijhawan R., Gangodkar D., Singh A.K.	23673370	Lecture Notes in Networks and Systems	467		0	0	0	0	0	0	0
2023	To Combat the Menace of Forest Fires at Nainital and Almora District in Uttarakhand Using Internet of Things	Maurya S., Arora S., Joshi K.A., Nainwal D., Narula P.N.K., Misra A., Pathak S.	23673370	Lecture Notes in Networks and Systems	467		0	0	0	0	0	0	0
2023	Simulation-Based Analysis of AlGaN/GaN Gate All Around Field Effect Transistor (AlGaN/GaN GAA-FET)	Verma Y.K., Mishra V., Gurjar R., Chauhan R.K., Gupta S.K.	18761100	Lecture Notes in Electrical Engineering	877		0	0	0	0	0	0	0
2023	Modeling and Control of FOPDT Modeled Processes—A Review	Belwal N., Kumar Juneja P., Kumar Sunori S., Singh Jethi G., Maurya S.	23673370	Lecture Notes in Networks and Systems	467		0	0	1	0	1	0	1
2023	Design of RF MEMS Piezoelectric Disk Resonator for 5G Communication	Rana M., Pande R., Kukreti K.	22147853	Materials Today: Proceedings	73		0	0	1	0	1	0	1
2023	Optimization of electrode excitation in a microfluidic bio-cell sorter with trapezoidal electrodes for blood cell separation	Kumar M., Palekar N., Saxena A., Kumar A., Singh K.	22147853	Materials Today: Proceedings	74		0	0	0	0	0	0	0
2023	Impact of silver nitrate on the survival and regeneration potential of explants of Hippophae salicifolia (Seabuckthorn) D. Don	Laxmi Trivedi V., Semwal P., Chandra S., Nautiyal M.C., Chand Attri D., Singh Y.	22147853	Materials Today: Proceedings	73		0	0	0	0	0	0	0
2023	Privacy protection against attack scenario of federated learning using internet of things	Yadav K., Kariri E., Alotaibi S.D., Viriyasitavat W., Dhiman G., Kaur A.	17517575	Enterprise Information Systems	17	9	0	0	2	0	2	0	2
2023	Distance-based Energy-Efficient Clustering Approach for Wireless Sensor Networks	Kumar B., Kumar N., Negi H.S., Saini R.K.	23673370	Lecture Notes in Networks and Systems	421		0	0	0	0	0	0	0
2023	Potential Applications of Advanced Control System Strategies in a Process industry—A Review	Juneja P.K., Sunori S.K., Joshi K.A., Arora S., Sharma S., Garia P., Maurya S., Mittal A.	23673370	Lecture Notes in Networks and Systems	396		0	0	0	0	0	0	0
2023	A Smart and Intelligent Alcohol Detection System for Corporate Organization	Ghanshala T., Tripathi V., Singh P., Pant B.	23673370	Lecture Notes in Networks and Systems	464		0	0	1	0	1	0	1
2023	A Review on Service Delivery in Tourism and Hospitality Industry Through Artificial Intelligence	Rawal Y.S., Soni H., Dani R., Bagchi P.	23673370	Lecture Notes in Networks and Systems	421		0	1	1	0	2	0	2
2023	Pseudo-Ductility Through Progressive Failure of Multi-Layered Carbon-Fiber-Reinforced Polymer (CFRP) Prestressed Concrete Beams	Alraie A., Garg N., Matsagar V., Goldack A., Schlaich M.	10168664	Structural Engineering International	33	3	0	0	1	0	1	0	1
2023	Biogenic synthesis: a sustainable approach for nanoparticles synthesis mediated by fungi	Chauhan A., Anand J., Parkash V., Rai N.	24701556	Inorganic and Nano-Metal Chemistry	53	5	0	3	6	2	11	0	11
2023	Facile in-situ synthesis of reduced graphene oxide/TiO2 nanocomposite: a promising material for the degradation of methyl orange	Vikram K., Srivastava R.K., Singh A.R., Ummer K., Kumar S., Singh M.P.	24701556	Inorganic and Nano-Metal Chemistry	53	2	0	1	4	0	5	0	5
2023	Investigation of the hydrogeochemistry, groundwater quality, and associated health risks in industrialized regions of Tripura, northeast India	Karmakar B., Singh M.K., Choudhary B.K., Singh S.K., Egbueri J.C., Gautam S.K., Rawat K.S.	15275922	Environmental Forensics	24	5-6	0	2	16	0	18	0	18
2023	Application of new environment friendly natural product in water based drilling fluid to improve its filtration properties	Prakash V., Sharma N., Bhattacharya M., Beg M.	17351472	International Journal of Environmental Science and Technology	20	1	0	1	1	2	4	0	4
2023	Madhuca Indica (Mahua): A novel feedstock for bio based lubricant application treated with trimethylolpropane and tribological analysis	Singh Y., Singh N.K., Sharma A., Kishore C., Raturi A.	14484846	Australian Journal of Mechanical Engineering	21	1	0	1	1	0	2	0	2
2022	Toxicity of Nanoscaled Zero-Valent Iron Particles on Tilapia, Oreochromis mossambicus	Kirthi A.V., Kumar G., Pant G., Pant M., Hossain K., Ahmad A., Alshammari M.B.	24701343	ACS Omega	7	51	0	0	1	0	1	0	1
2022	Design and analysis of heavy vehicle medium duty transmission gearbox system	Kumar A., Gori Y., Meena C.S., Singh V.P., Sharma V.K.		Additive Manufacturing in Industry 4.0: Methods, Techniques, Modeling, and Nano Aspects			0	0	0	0	0	0	0
2022	Cloud-IoT Based Smart Healthcare Framework: Application and Trends	Rajpoot N.K., Singh P., Pant B.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0
2022	LTE Based Comparative Analysis of Routing Protocols in Heterogeneous Network (HETNet) Environment	Mohd N., Joshi K., Husain S., Kumar I., Srivastava P., Chaturvedi N.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0
2022	Nature-Inspired Load Balancing Approach in Cloud Computing Environment for Smart Healthcare	Rajpoot N.K., Singh P., Pant B.		ACM International Conference Proceeding Series			0	0	1	0	1	0	1

2022	Classification of Corona virus between Humans and Bats using Support Vector Machine	Nainwal A., Sharma G., Pant B., Verma D., Kumar M.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0
2022	Design and Implementation of an Automated Solar Tracking System to Run Utility Systems at Minimal Loads During Load-Shedding by Charging Solar Batteries	Sayeduzzaman M., Mahmud A., Chamberlain K., Negi A.	2352751X	Advances in Transdisciplinary Engineering	33		0	0	1	0	1	0	1
2022	Risk-managed time-series momentum: an emerging economy experience	Singh S., Walia N., Bekiros S., Gupta A., Kumar J., Mishra A.K.	20771886	Journal of Economics, Finance and Administrative Science	27	54	0	1	0	0	1	0	1
2022	Machine Learning for Cyber Security	Malik P., Nautiyal L., Ram M.		Machine Learning for Cyber Security			0	0	1	0	1	0	1
2022	A framework for seborrheic keratosis skin disease identification using Vision Transformer	Thakur V., Roy V.K., Baliyan N., Goyal N., Nijhawan R.		Machine Learning for Cyber Security			0	0	0	0	0	0	0
2022	The ransomware: An emerging security challenge to the cyberspace	Aswal K., Dobhal D.C., Tiwari U.K., Pathak K.		Machine Learning for Cyber Security			0	0	1	0	1	0	1
2022	Mapping AICTE cybersecurity curriculum onto CyBOK: A case study	Malik P., Singh A.K., Nautiyal R., Rawat S.		Machine Learning for Cyber Security			0	0	0	0	0	0	0
2022	Differential privacy: A solution to privacy issue in social networks	Malik P., Mittal V., Mittal M., Chaudhary K.		Machine Learning for Cyber Security			0	0	0	0	0	0	0
2022	Antifungal metabolites, their novel sources, and targets to combat drug resistance	Choudhary M., Kumar V., Naik B., Verma A., Saris P.E.J., Kumar V., Gupta S.	1664302X	Frontiers in Microbiology	13		0	0	2	0	2	0	2
2022	ARIES ST Radar: The First Central Himalayan Wind Profiler	Bhattacharjee S., Naja M., Jaiswal A., Rawat K.S., Sagar R., Ananthakrishnan S.	22511717	Journal of Astronomical Instrumentation	11	4	0	0	0	0	0	0	0
2022	Species Distribution Modelling for Himalayan Woodpecker (Dendrocopos himalayensis) in Chamoli District (Western Himalayas), Uttarakhand, India	Parul Bhatnagar, Bhatt D., Arya A.K.	10623590	Biology Bulletin	49		0	0	0	0	0	0	0
2022	A State-of-the-Art Survey on Analytical Hierarchy Process Applications in Sustainable Development	Rawat S.S., Pant S., Kumar A., Ram M., Sharma H.K., Kumar A.	24557749	International Journal of Mathematical, Engineering and Management Sciences	7	6	0	0	13	1	14	0	14
2022	Porous Structure of Acetylene Black after Heat Treatment	Dudoladov A.O., Grigorenko A.V., Kumar V., Vlaskin M.S.	405795	Theoretical Foundations of Chemical Engineering	56	6	0	0	0	0	0	0	0
2022	A survey of waterbirds of Khoh and Kohlu rivers of Lansdowne forest division (western Himalayas), Uttarakhand, India	Kukreti M., Arya A.K.	22787666	Asian Journal of Conservation Biology	11	2	0	0	0	0	0	0	0
2022	Effects of dissimilarity of water depth on energy and exergy efficiencies and productivity of single slope solar still coupled to evacuated tubular collectors	Kumar D., Sharma R.K., Singh D.B.	19443994	Desalination and Water Treatment	278		0	0	1	1	2	0	2
2022	An experimental investigation of wire breakage and performance optimisation of WEDM process on machining of recycled aluminium alloy metal matrix composite	Kannan P.R., Periasamy K., Pravin P., Vinod Kumaar J.R.	20831331	Materials Science- Poland	40	3	0	0	0	0	0	0	0
2022	Application of Low-Cost Plant-Derived Carbon Dots as a Sustainable Anode Catalyst in Microbial Fuel Cells for Improved Wastewater Treatment and Power Output	Kumar A., Narayanan S.S., Thapa B.S., Pandit S., Pant K., Mukhopadhyay A.K., Peera S.G.	20734344	Catalysts	12	12	0	0	2	1	3	0	3
2022	Reliability and Performance Analysis of a Complex Manufacturing System with Inspection facility using Copula Methodology	Sengar S., Ram M.	19322321	Reliability: Theory and Applications	17	4	0	0	1	0	1	0	1
2022	Sustainable Performance through Digital Supply Chains in Industry 4.0 Era: Amidst the Pandemic Experience	Joshi S., Sharma M.	20711050	Sustainability (Switzerland)	14	24	0	0	5	0	5	0	5
2022	Gradient Boosting for Health IoT Federated Learning	Wassan S., Suhail B., Mubeen R., Raj B., Agarwal U., Khatri E., Gopinathan S., Dhiman G.	20711050	Sustainability (Switzerland)	14	24	0	0	9	3	12	0	12
2022	Sustainable Bioconversion of Wetland Plant Biomass for Pleurotus ostreatus var. florida Cultivation: Studies on Proximate and Biochemical Characterization	Elbagory M., El-Nahrawy S., Omara A.E.-D., Eid E.M., Bachheti A., Kumar P., Abou Fayssal S., Adelodun B., Bachheti R.K., Kumar P., Mioc B., Kumar V., Siric I.	20770472	Agriculture (Switzerland)	12	12	0	0	22	2	24	0	24
2022	Improvement of power quality parameters using modulated-unified power quality conditioner and switched-inductor boost converter by the optimization techniques for a hybrid AC/DC microgrid	Khosravi N., Abdolvand A., Oubelaid A., Khan Y.A., Bajaj M., Govender S.	20452322	Scientific Reports	12	1	0	1	20	1	22	0	22
2022	Orthogonal pinhole-imaging-based learning salp swarm algorithm with self-adaptive structure for global optimization	Wang Z., Ding H., Yang J., Hou P., Dhiman G., Wang J., Yang Z., Li A.	22964185	Frontiers in Bioengineering and Biotechnology	10		0	0	3	1	4	0	4
2022	Recent Advancements in Evacuated Tube Solar Water Heaters: A Critical Review of the Integration of Phase Change Materials and Nanofluids with ETCs	Uniyal A., Prajapati Y.K., Ranakoti L., Bhandari P., Singh T., Gangil B., Sharma S., Upadhyay V.V., Eldin S.M.	19961073	Energies	15	23	0	0	3	2	5	0	5
2022	Real-Time Validation of a Novel IAOA Technique-Based Offset Hysteresis Band Current Controller for Grid-Tied Photovoltaic System	Mohapatra B., Sahu B.K., Pati S., Bajaj M., Blazek V., Prokop L., Misak S., Alharthi M.	19961073	Energies	15	23	0	0	4	0	4	0	4
2022	Investigation of the combustion of exhaust gas recirculation in diesel engines with a particulate filter and selective catalytic reactor technologies for environmental gas reduction	Vijay Kumar M., Babu A.V., Reddy C.R., Pandian A., Bajaj M., Zawbaa H.M., Kamel S.	2214157X	Case Studies in Thermal Engineering	40		0	0	3	0	3	0	3
2022	Essential Oil Composition of Aerial Part of Pluchea ovalis (Pers.) DC., Silver Nanoparticles Synthesis, and Larvicidal Activities against Fall Armyworm	Gonfa Y.H., Tessema F.B., Bachheti A., Tadesse M.G., Eid E.M., Abou Fayssal S., Adelodun B., Choi K.S., Siric I., Kumar P., Bachheti R.K.	20711050	Sustainability (Switzerland)	14	23	0	0	5	0	5	0	5
2022	Improved Moth Flame Optimization Approach for Parameter Estimation of Induction Motor	Danin Z., Sharma A., Averbukh M., Meher A.	19961073	Energies	15	23	0	0	2	0	2	0	2

2022	Isolation of Biosurfactant-Producing Bacteria and Their Co-Culture Application in Microbial Fuel Cell for Simultaneous Hydrocarbon Degradation and Power Generation	Sharma K., Singh V., Pandit S., Thapa B.S., Pant K., Tusher T.R.	20711050	Sustainability (Switzerland)	14	23	0	0	6	2	8	0	8
2022	A Novel Dynamic Bit Rate Analysis Technique for Adaptive Video Streaming over HTTP Support	Ashok Kumar P.M., Arun Raj L.N., Jyothi B., Soliman N.F., Bajaj M., El-Shafai W.	14248220	Sensors	22	23	0	0	0	1	1	0	1
2022	Lie Symmetries and Exact Solutions of KdV–Burgers Equation with Dissipation in Dusty Plasma	Tanwar D.V., Wazwaz A.-M.	15755460	Qualitative Theory of Dynamical Systems	21	4	0	0	5	2	7	0	7
2022	Physicochemical, nutritional, and sensory characteristics of Chenopodium album, ashwagandha, flaxseed, and Giloy fortified bun	Kumar S., Arora S., Kumar V., Joshi S., Naik B., Bisht B., Tomar M.S., Gururani P.	1458892	Journal of Food Processing and Preservation	46	12	0	0	2	1	3	0	3
2022	Editorial: Blockchain-based 6G and industrial internet of things systems for industry 4.0/5.0	Dhiman G., Nagar A.K.	2664720	Expert Systems	39	10	0	0	3	1	4	0	4
2022	A hybrid trapezoidal fuzzy FUCOM-AHP approach and their application to identification of monkeypox risk factors	Garg H., Majumder P., Nath M.	22383603	Computational and Applied Mathematics	41	8	0	0	3	0	3	0	3
2022	Correction: Population status of house sparrow (Passer domesticus L.) and its association with native bird species in and around Dehradun City of Uttarakhand, India (Proceedings of the Indian National Science Academy, (2022), 88, 4, (664-669), 10.1007/s43538-022-00112-2)	Joshi K.K., Bhatt D.C., Arya A.K., Saini V.	3700046	Proceedings of the Indian National Science Academy	88	4	0	0	0	0	0	0	0
2022	Robust soft sensor systems for industry: Evaluated through real-time case study	Hema P., Sathish E., Maheswari M., Khosla A., Pant B., Raja Ambethkar M.	26659174	Measurement: Sensors	24		0	0	2	0	2	0	2
2022	Intelligent-based ensemble deep learning model for security improvement in real-time wireless communication	Zhen S., Surender R., Dhiman G., Rani K.R., Ashifa K.M., Reegu F.A.	304026	Optik	271		0	0	7	1	8	0	8
2022	Trap-assisted degradation mechanisms in E-mode p-GaN power HEMT: A review	Nautiyal P., Pande P., Kundu V.S., Moghadam H.A.	262714	Microelectronics Reliability	139		0	0	4	1	5	0	5
2022	Triangular and single slope solar stills: Performance and yield studies with different water mass	Siddula S., Stalin N., Mahesha C.R., Dattu V.S.N.C.H., S H., Singh D.P., Mohanavel V., Sathyamurthy R.	23524847	Energy Reports	8		0	0	2	1	3	0	3
2022	Fault identification model using IIoT for industrial application	Anil Kumar T.C., Bhusal Sharma N., Mishra A.K., Patil P., Sarveswara Reddy S., Bhardwaj R.	26659174	Measurement: Sensors	24		0	0	3	0	3	0	3
2022	IOT data Fusion framework for e-commerce	Mahesh Kulkarni P., Nautiyal B., Kumar S., Medidha R., Rameshbhai Savaliya R., Eknath M.	26659174	Measurement: Sensors	24		0	0	1	0	1	0	1
2022	Spatio-temporal habitat assessment of the Gangetic floodplain in the Hastinapur wildlife sanctuary	Tripathi R.N., Ramachandran A., Tripathi V., Badola R., Hussain S.A.	15749541	Ecological Informatics	72		0	0	5	0	5	0	5
2022	IOT sensor-based pollution management control technique	Rayabharapu V.K., Rampur V., Jyothi N.M., Tripathi V., Bhaskar T., Glory K.B.	26659174	Measurement: Sensors	24		0	1	2	0	3	0	3
2022	Dual adaption based evolutionary algorithm for optimized the smart healthcare communication service of the Internet of Things in smart city	Singh S.P., Viriyasitavat W., Juneja S., Alshahrani H., Shaikh A., Dhiman G., Singh A., Kaur A.	18744907	Physical Communication	55		0	0	9	1	10	0	10
2022	Sugarcane liquid-generated silver nanoparticles connected ionic polymer nanocomposite for enhanced electrical and wearable sensing signals	Panwar V., Anoop G., Sharma M., Gaur S.S., Park S.	24685194	Materials Today Chemistry	26		0	0	2	1	3	0	3
2022	Some novel point operators and multiple rounds voting process based decision-making algorithm under picture fuzzy set environment	Kumar S., Garg H.	9659978	Advances in Engineering Software	174		0	0	4	0	4	0	4
2022	Sesquiterpenoid lactones as potential anti-cancer agents: an update on molecular mechanisms and recent studies	Dhyani P., Sati P., Sharma E., Attri D.C., Bahukhandi A., Tynybekov B., Szopa A., Sharifi-Rad J., Calina D., Suleria H.A.R., Cho W.C.	14752867	Cancer Cell International	22	1	0	2	9	0	11	0	11
2022	Rational design of boron nitride with different dimensionalities for sustainable applications	Han N., Wang S., Rana A.K., Asif S., Klemes J.J., Bokhari A., Long J., Thakur V.K., Zhao X.	13640321	Renewable and Sustainable Energy Reviews	170		0	1	21	2	24	0	24
2022	Dual pretreatment of mixing H2O2 followed by torrefaction to upgrade spent coffee grounds for fuel production and upgrade level identification of H2O2 pretreatment	Chen W.-H., Ho K.-Y., Lee K.-T., Ding L., Andrew Lin K.-Y., Rajendran S., Singh Y., Chang J.-S.	139351	Environmental Research	215		0	0	4	2	6	0	6
2022	Population status of house sparrow (Passer domesticus L.) and its association with native bird species in and around Dehradun City of Uttarakhand, India	Joshi K.K., Bhatt D.C., Arya A.K., Saini V.	3700046	Proceedings of the Indian National Science Academy	88	4	0	0	0	0	0	0	0
2022	Lycopene: a therapeutic strategy against coronavirus disease 19 (COVID- 19)	Khongthaw B., Dulta K., Chauhan P.K., Kumar V., Ighalo J.O.	9254692	Inflammopharmacology	30	6	0	2	5	0	7	0	7
2022	Therapeutic applications of curcumin nanomedicine formulations in cystic fibrosis	Quispe C., Herrera-Bravo J., Khan K., Javed Z., Semwal P., Painuli S., Kamiloglu S., Martorell M., Calina D., Sharifi-Rad J.	21940509	Progress in Biomaterials	11	4	0	9	8	1	18	0	18
2022	Probiotics media: significance, challenges, and future perspective - a mini review	Kumar V., Naik B., Kumar A., Khanduri N., Rustagi S., Kumar S.	26618974	Food Production, Processing and Nutrition	4	1	0	2	8	0	10	0	10
2022	Agro-waste as a substrate for the production of pullulanase by Penicillium viridicatum under solid-state fermentation	Kumar V., Naik B., Choudhary M., Kumar A., Khanduri N.	20452322	Scientific Reports	12	1	0	0	2	1	3	0	3
2022	Fighting hate speech from bilingual hinglish speaker's perspective, a transformer- and translation-based approach.	Biradar S., Saumya S., chauhan A.	18695450	Social Network Analysis and Mining	12	1	0	2	4	1	7	0	7

2022	Impact analysis of COVID-19 outbreak on cold supply chains of perishable products using a SWARA based MULTIMOORA approach	Kumar N., Tyagi M., Sachdeva A., Kazancoglu Y., Ram M.	19369735	Operations Management Research	15	3-4	0	0	6	0	6	0	6
2022	A numerical study of moving boundary problem involving dual phase lag model of heat mass transfer during immersion frying	Kaur H., Rai K.N., Upadhyay S.	3784754	Mathematics and Computers in Simulation	202		0	0	2	0	2	0	2
2022	Anticancer potential of alkaloids: a key emphasis to colchicine, vinblastine, vincristine, vindesine, vinorelbine and vincamine	Dhyani P., Quispe C., Sharma E., Bahukhandi A., Sati P., Attri D.C., Szopa A., Sharifi-Rad J., Docea A.O., Mardare I., Calina D., Cho W.C.	14752867	Cancer Cell International	22	1	0	21	69	9	99	0	99
2022	Potential future malaria transmission in Odisha due to climate change	Parihar R.S., Bal P.K., Saini A., Mishra S.K., Thapliyal A.	20452322	Scientific Reports	12	1	0	1	5	0	6	0	6
2022	Linear B-cell epitopes prediction using bagging based proposed ensemble model	Gupta V.K., Gupta A., Jain P., Kumar P.	25112104	International Journal of Information Technology (Singapore)	14	7	0	0	10	1	11	0	11
2022	Assessing supply chain resilience to the outbreak of COVID-19 in Indian manufacturing firms	Badhotiya G.K., Soni G., Jain V., Joshi R., Mittal S.	19369735	Operations Management Research	15	3-4	0	2	12	1	15	0	15
2022	Assessment of genetic diversity of Aconitum heterophyllum Wall. ex Royle using ISSR markers: an endangered medicinal herb of Himalaya	Negi R.K., Nautiyal P., Rawat J.M., Bhatia R.	9704078	Vegetos	35	4	0	0	3	0	3	0	3
2022	Frequency regularization of a linked wind–diesel system using dual structure fuzzy with ultra-capacitor	Sharma G., Narayanan K., Adefarati T., Sharma S.	23672617	Protection and Control of Modern Power Systems	7	1	0	3	9	2	14	0	14
2022	Directive clustering contrast-based multi-modality medical image fusion for smart healthcare system	Diwakar M., Singh P., Shankar A., Nayak S.R., Nayak J., Vimal S., Singh R., Sisodia D.	21926662	Network Modeling Analysis in Health Informatics and Bioinformatics	11	1	0	1	6	0	7	0	7
2022	Quantified density of performance-degrading near-interface traps in SiC MOSFETs	Chaturvedi M., Dimitrijev S., Haasmann D., Moghadam H.A., Pande P., Jadli U.	20452322	Scientific Reports	12	1	0	6	10	0	16	0	16
2022	A review on current trends in the green synthesis of nickel oxide nanoparticles, characterizations, and their applications	Ahmad W., Chandra Bhatt S., Verma M., Kumar V., Kim H.	22151532	Environmental Nanotechnology, Monitoring and Management	18		0	4	25	2	31	0	31
2022	Improved Salp Swarm Algorithm with mutation schemes for solving global optimization and engineering problems	Nautiyal B., Prakash R., Vimal V., Liang G., Chen H.	1770667	Engineering with Computers	38		1	11	6	0	17	0	18
2022	Q learning algorithm for network resource management in vehicular communication network	Agarwal V., Sharma S.		Autonomous Vehicles: Smart Vehicles for Communication	2		0	0	0	0	0	0	0
2022	Big data technologies in UAV's traffic management system: Importance, benefits, challenges and applications	Agarwal P., Sharma S., Matta P.		Autonomous Vehicles	1		0	0	2	0	2	0	2
2022	Anomalous activity detection using deep learning techniques in autonomous vehicles	Juyal A., Sharma S., Matta P.		Autonomous Vehicles	1		0	0	0	0	0	0	0
2022	Precursor mediated and defect engineered ZnO nanostructures using thermal chemical vapor deposition for green light emission	Tiwari C., Pandey A., Dixit A.	406090	Thin Solid Films	762		0	0	5	0	5	0	5
2022	Biofuels - are they a sustainable alternative?	Ranjit P.S., Bhurat S.S., Mahesh G.S., Reddy S., Singh Y., Chen W.-H.		Biofuel Technologies for a Sustainable Future: India and Beyond			0	0	0	0	0	0	0
2022	Production of energy from biowaste: An overview of the underlying biological technologies	Bhushan B., Nayak A.		Biofuel Technologies for a Sustainable Future: India and Beyond			0	0	0	0	0	0	0
2022	Application of green nanomaterials for sustainable energy systems: A review of the current status	Bhushan B., Nayak A.		Biofuel Technologies for a Sustainable Future: India and Beyond			0	0	0	0	0	0	0
2022	Biofuel Technologies for a Sustainable Future: India and Beyond	Singh Y., Negi P., Chen W.H.		Biofuel Technologies for a Sustainable Future: India and Beyond			0	0	0	0	0	0	0
2022	Digital humanitarianism and crisis management: an empirical study of antecedents and consequences	Kumar A., Joshi S., Sharma M., Vishvakarma N.	20426747	Journal of Humanitarian Logistics and Supply Chain Management	12	4	0	2	1	0	3	0	3
2022	Advances in Human Biodynamic Modeling for Analysis of Whole-Body Vibrations	Sharma R.C., Palli S., Bhardawaj S., Rao L.V.V.G.	9753060	International Journal of Vehicle Structures and Systems	14	4	0	0	1	0	1	0	1
2022	A comprehensive review on various non-isolated power converter topologies for a light-emitting diode driver	Vishnuram P., Narayanamoorthi R., Vijayakumar K., Bajaj M., Shouran M., Abdul Samad B., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	0	0	0	0	0
2022	Friction and wear characteristics of chemically modified mahua (madhuca indica) oil based lubricant with SiO2 nanoparticles as additives	Singh Y., Rahim E.A., Singh N.K., Sharma A., Singla A., Palamanit A.	431648	Wear	508-509		0	2	18	1	21	0	21
2022	Multi-stage hydrothermal liquefaction modeling of sludge and microalgae biomass to increase bio-oil yield	Bisht B., Gururani P., Pandey S., Kumar Jaiswal K., Kumar S., Vlaskin M.S., Verma M., Kim H., Kumar V.	162361	Fuel	328		0	0	7	0	7	0	7
2022	TACAS-IoT: Trust Aggregation Certificate-Based Authentication Scheme for Edge-Enabled IoT Systems	Wazid M., Das A.K., Shetty S.	23274662	IEEE Internet of Things Journal	9	22	0	1	6	2	9	0	9
2022	Noise Suppression and Edge Preservation for Low-Dose COVID-19 CT Images Using NLM and Method Noise Thresholding in Shearlet Domain	Diwakar M., Singh P., Swarup C., Bajal E., Jindal M., Ravi V., Singh K.U., Singh T.	20754418	Diagnostics	12	11	0	0	2	0	2	0	2
2022	An introduction to principal component analysis and its applications	Chaudhari V., Dumka A.		Handbook of Research on Artificial Intelligence and Knowledge Management in Asia's Digital Economy			0	0	0	0	0	0	0
2022	Analysis of Lateral Stability and Ride of an Indian Railway Constrained Dual-Axle Bogie Frame	Sharma R.C., Gopala Rao L.V.V., Sharma S.K., Palli S., Satyanarayana V.S.V.	1946391X	SAE International Journal of Commercial Vehicles	16	2	0	0	4	0	4	0	4
2022	Four-Wheel Vehicle Response under Bump, Pothole, Harmonic, and Random Excitations Using Bond Graph/Simulink Technique	Sharma R.C., Palli S., Gopala Rao L.V.V., Duppala A., Sharma S.K.	1946391X	SAE International Journal of Commercial Vehicles	16	2	0	0	5	0	5	0	5

2022	Design of a bidirectional DC/DC converter for a hybrid electric drive system with dual-battery storing energy	Venkata Govardhan Rao K., Kumar M.K., Goud B.S., Bajaj M., Abou Houran M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	3	0	3	0	3
2022	Integration of artificial intelligence of things (AIoT) in the public sector: drivers, barriers and future research agenda	Ishengoma F.R., Shao D., Alexopoulos C., Saxena S., Nikiforova A.	23985038	Digital Policy, Regulation and Governance	24	5	0	0	4	0	4	0	4
2022	Image Classification Using Disease Classifier Model for Doctors and Hospitals	Agarwal M., Gupta V., Goel A., Raghav A., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Analytical Study of Food-Web System via Turing Patterns	Shivam, Kumar M., Singh T., Dubey R., Singh K.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Impact of Covid-19 on Education in Perspective of Networks	Bhatla S., Tripathi V., Manchanda M., Gupta R.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Metamorphic and Polymorphic Malware Detection and Classification Using Dynamic Analysis of API Calls	Kuriyal V., Bordoloi D., Singh D.P., Tripathi V.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Review on Fuzzy Economic Order Quantity Model under Shortage	Poswal P., Chauhan A., Boadh R., Rajoria Y.K.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Depression Detection Using Sentiment Analysis of Social Media Data	Sharma J., Tomer V.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Periodic Orbits of Circular Restricted 3B Problem	Srivastava V.K., Tamsir M., Dhiman N., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Real Time System For Vehicle Counting With Speed Estimation And License Plate Detection	Kansal V., Singhdev H., Pant B.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Recent Trends in Event Detection from Twitter using Multimodal Data	Bahuguna R., Nisha Chandran S., Gangodkar D.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Horizontal Distance Estimation of Objects Using Monocular Imaging	Kumar U., Tripathi V., Sharma G., Gupta R.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Study on Impact of Ownership Structure on Financial Performance of Top Information Technology Companies in India	Ojha M.K., Singh A., Agarwal P.K., Singh A.P.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	The Prediction of Closing Prices of Company Stocks Using Random Forests and Artificial Neural Networks	Dhyani B., Jain A., Barthwal A., Kumar M.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Opportunities and Challenges in Implementation of Artificial Intelligence in Food & Beverage Service Industry	Dani R., Rawal Y.S., Bagchi P., Khan M.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Comparative Study of Different Sentiment Analysis Classifiers for Cybercrime Detection on Social Media Platforms	Gupta A., Matta P., Pant B.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Fuzzy Inventory Policy for Perishable Products with Stock Level Dependent Demand, Constant Holding Cost and Constant Lead Time	Kumar S., Sharma B., Tripathi R.K., Kumar M.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Study on Recycling of Waste Solid Garbage in a City	Gupta S., Kumar V., Patil P.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Porous Silicon Formation by Stain Etching with FeCl3 Oxidant	Juyal S., Khoja U.B., Dhiman N., Prasad B., Dumka M., Chandra S., Gill F.S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Inventory Model with Multivariate Demand and Piecewise Ordering Cost Function	Tayal S., Singh S.R., Goyal A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Development of Flexible Piezoresistive Pressure Sensors Based on Ionic Membrane	Chauhan S., Panwar L.S., Panwar V., Goyal S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Damped Vibrational Analysis Of Non-Homogeneous Circular Plates Using Splines	Robin, Dhiman N., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Fuzzy Logic Approach for Evaluation of General Proficiency of Students	Bisht R.K., Bhatt V., Joshi B.C.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Text Mining for Identification of Anti-Tubercular Compounds Present in Plants of India and In-Silico ADMET Prediction of Phytochemicals	Verma D., Gupta S., Pant K., Pant B., Pandey C.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Influence of Layer Height and Print Speed on the Mechanical Properties of 3D-Printed ABS	Bist A., Dobriyal R., Gwalwanshi M., Avikal S.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Near Lossless Image Compression Using Discrete Cosine Transformation and Principal Component Analysis	Agarwal M., Gupta V., Goel A., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Effects on Biological Tissues due to 5G Mobile Phone Radiation	Kumar V., Gupta S., Patil P.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Detection of Haemorrhages and Microaneurysms Iris Disease Using Few Shot Learning	Gulati P., Dhiman N., Singh T., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Investigation of Mechanical Properties of Concrete Using Fly Ash as a Binder Agent	Shah M.C., Gupta K.K., Nainwal A., Negi A., Kumar V.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Classification Of BMD Using Artificial Neural Network	Raturi P., Panwar V., Khandur P., Singh S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Mathematical Approach of Determining Radial Oscillations of Differentially Rotating Polytropic Stars	Saini S., Kumar S., Singh K.K., Bhatt V., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Signature Reliability of the System using Commutative and Associative Properties	Kumar A., Ram M., Singh T.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Synthesis And Characterization of Polymer Based Humidity Sensor	Goel S., Khanduri P., Panwar V., Chauhan S.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Optimization of Cabinet Reshuffle Assignment Problem	Gupta S., Singhal P., Goel A., Tayal S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Optimized Crisp and Fuzzy Inventory System of Deteriorating Items with Partial Backlogging Under the Effect of Inflation	Sayal A., Singh A.P., Chauhan A., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Study of Increasing Adoption Trends of Digital Technologies - An Evidence from Indian Banking	Gupta C., Jindal P., Malhotra R.K.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Small Adiabatic Barotropic Non-Radial Modes of Oscillations of Differentially Rotating Stars	Kumar S., Saini S., Bhatt V., Bedi P., Singh K.K.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Analysis of Seismic Forces at Different Floor Levels of G+9 Multi-Storey OMRF Building Using STAAD Pro	Nainwal A., Emani P.K., Shah M.C., Negi A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	High-Performance Liquid Chromatography Method for Estimating Piperine in Herbal Tea	Ghai K., Bhardwaj C.K., Negi P.B., Nayak A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Analysis and Prediction of Closing Price of Commodity Index Using Auto Regressive Integrated Moving Averages (ARIMA) Model	Dhyani B., Jain A., Kumar M., Barthwal A.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	A Study of Factors Influencing Online Impulsive Buying Behaviour	Mani A.P., Tripathi V.M.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0

2022	Fourth Order B-Spline Collocation Technique for Convection-Diffusion Equation	Rawat A.K., Dhiman N., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Finite Element Stress and Strain Analysis of the Steel Railway Track	Pandey A.G., Patil P.P., Kumar V.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Optimization of Inventory Model for Deteriorating Items With Time Varying Holding Cost under uncertainty	Sayal A., Singh A.P., Chauhan A., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Mature Antibody Immune Response over SARS-CoV-2 as a Pattern Recognition with Artificial Immune System	Dhyani M., Bordoloi D., Ghai A.S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Glacial Lake Outburst Floods (GLOFs) and the Requisite of Wireless Sensor Based Early Warning System	Singhal M., Chauhan V., Singh R., Kumar V., Joshi P., Pachauri R.K.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Augmented Reality: The Emerging Technology in Medical Field	Bhatla S., Tripathi V.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Forecasting Future Trends in Crude Oil Production in India by Using Box-Jenkins Arima	Mishra A.K., Singh S., Gupta S., Gupta S., Upadhyay R.K.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Convergence Scheme and Numerical Approach to Find The Optimal Solution of Chafee-Infante Equation	Rawat A.K., Dhiman N., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Polymer-Based Hydroxyapatite Nanocomposites for The Removal of Emerging Contaminants: A Review	Kotnala S., Nayak A., Bhushan B.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Technology Driven Studies in Higher Education: A Hands-on Study on Students' Perspective towards Online Studies amid COVID-19 Outbreak	Dhyani A., Pandey R.C., Lal S., Dhyani A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Behaviour of University Students towards the Integration of Mathematics with Technology: An Empirical Analysis	Uniyal A., Bahuguna B., Gupta O.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Two Dimensional Successive Transformations in Computer Graphics: Mathematical and Matrix Notation	Kumar B., Tiwari U.K., Kumar S., Negi H.S., Kumain K.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Covid-19 and its Impact on Retail Consumers and Changing Dynamics of Fast Moving Consumer Goods Industry	Tripathi V.M., Mani A.P.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Remark on Non-negative Matrix Factorization	Bhatt V., Petwal K.C., Kumar S., Saini S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Comparative Study on Machine Learning Techniques for ASD Detection in Toddlers	Srivastava A.K., Tripathi V., Pant B., Goyal N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Review of Computer Vision Techniques for the Analysis of Vehicles	Gour A., Gangodkar D., Tripathi V.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Analytical Study of Delayed Prey–Predator System in Aquatic World	Shivam, Kumar M., Singh T., Singh K., Dubey R.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Chlorine Concentration Decay in Channel Due to Ageing Factor	Bhadula R.C., Kandari L.S., Kala V.N., Singh S.J.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Selecting the Most Agile Manufacturing System with Respect to Agile Attribute-Technology: Fuzzy AHP Approach	Chandna R., Saini S., Kumar S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	DSTP: Depression and Suicidal Ideation Prediction Using Social Media Data	Dhasmana G., Gujjar A., Sharma M.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Growth of Micro, Small and Medium Enterprises (MSMEs) in Uttarakhand (India)	Bisht R.K., Bisht I.P., Joshi B.C.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Optimization of Insoluble Zinc Uptake from Soil in Maize Using Taguchi Method	Ghosh S., Pant R., Avikal S., Verma R.P.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Detection of Exoplanets Using Classical Machine Learning Techniques	Nandan A., Tripathi V., Singh D.P., Gupta A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Inventory Model with Time Dependent Holding Cost, Constant Demand Rate, and Shortages Under Weibull Deterioration	Sharma M.K., Singh S.J., Srivastava V.K., Kumar M., Kumar S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Systematic Review on Emotion Recognition By Using Machine Learning Approaches	Sharma T., Diwakar M., Arya C.	0094243X	AIP Conference Proceedings	2481		0	1	1	0	2	0	2
2022	Diabetic Retinopathy Detection Using an Efficient Artificial Intelligence Method	Gupta R., Tripathi V., Gupta A.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	Use of Agile Software Development Method to Manage Academic Resources	Ghai A.S., Kapil D., Sejwal L., Gupta A., Devliyal S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Unit Purchase Cost Sensitive Model for Linearly Time Dependent Degradable Items with Variable Demand under Trade Credits	Kumar M., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Numerical Solution of Non-Linear Benjamin Bona Mahony Equation Using Hybrid B-spline Collocation Technique	Dhiman N., Chauhan A., Tamsir M., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Trade Credit Policy for Economic Quantity Model with Stock Sensitive Demand and Shortages for Deteriorating Items	Chauhan A., Bhandari S., Singh G., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Inflow Modeling of Okhla Barrage Using ANFIS and KNN Models	Negi A., Rawat K.S., Nainwal A., Shah M.C.	0094243X	AIP Conference Proceedings	2481		0	0	1	0	1	0	1
2022	FEA Based Contact Analysis of Railway Track and Wheel	Pandey A.G., Kumar A., Patil P.P., Kumar V.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Synthesis, Spectral, Elemental analysis & Antimicrobial Studies of Manganese (II) and Iron (III) Metal Complexes with Alprazolam Drug as Ligand	Bhardwaj C.K., Ghai K., Mishra A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	EOQ Inventory Model for Ramp Type Demand Without Shortages under Holding Cost	Sharma M.K., Kumar M., Verma R., Singh S.J., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Optimization of Economic Order Quantity Model with Shortages having Two Parameter Weibull Demand and Deterioration rate Under Crisp And Fuzzy System	Sayal A., Singh A.P., Chauhan A., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	CFD Analysis of Performance of an Air-curtain for a Commercial Chamber	Verma R.P., Singh A., Avikal S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Immune Response Recognition and Classification of Lymphopenia in Severe Coronavirus Disease-2019	Dhyani M., Bordoloi D.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Review on Flow Characteristics of Gabion Weir	Shah M.C., Gupta K.K.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A New Generalization of Edelstein-Suzuki Type Fixed Point Theorem with Applications	Khantwal D., Aneja S., Joshi B.C.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Smart Fire Fighting Robot for Public Places	Sarishma, Tiwari R., Sharma R., Chamoli S.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Numerical Treatment of Hunter Saxtan Equation By Spline Function	Rawat A.K., Dhiman N., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0

2022	Classification of Mental Illness from User Content on Social Media	Singhdev H., Kansal V., Pant B.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	The Cryptic Hassles Of Masks In India: A Real Time Data Analysis	Uniyal D., Sharma G., Tripathi V., Dubey B.P., Pant B.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Comprehensive Study of Fuzzy Economic Order Quantity Model with Ramp Type Demand for Perishable Products	Singh A.P., Chauhan A., Chauhan D., Patel D., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Study of Instability of Rivlin-Ericksen Viscoelastic Fluid Film	Dharamendra, Awasthi M.K., Kumar V., Chauhan A., Dhiman N.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Edge Computing: A Technological Advancement in Internet of Things and Cloud Computing	Garg N., Gupta A., Bordoloi D.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	A Remark on Almost Complex Manifold with Linear Connections	Petwal K.C., Bhatt V., Kumar S., Chauhan A.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Analysis of Vehicle Suspension Dynamics Comprising of Nonlinear Components	Paliwal V., Dobriyal R., Singh T., Singh D., Bist A., Dhiman T.	0094243X	AIP Conference Proceedings	2481		0	0	0	0	0	0	0
2022	Investigation of increased electrical conductivity by rGO in rGO/PVDF/PMMA/PTFE nanocomposites	Gill F.S., Uniyal D., Prasad B., Saluja S., Mishra A., Bachheti R.K., Juyal S.	222860	Journal of Molecular Structure	1267		0	0	9	1	10	0	10
2022	The impact of carbon-based nanomaterials in biological systems	Ngangom L., Sharma K., Bhatt P., Singh N., Pandey N.		Novel Applications of Carbon Based Nano-materials			0	0	1	0	1	0	1
2022	SOME RING STRUCTURES OF SKEW GENERALIZED POWER SERIES RINGS	Juyal P., Singh S., Saini S.	20868952	Journal of the Indonesian Mathematical Society	28	3	0	0	0	0	0	0	0
2022	Sensitivity analysis of double slope solar still having compound parabolic concentrator integrated ETCs by incorporating heat transfer coefficients, exergy gain and exergy efficiency	Singh A.R., Agarwal A.B., Singh D.B.	19443994	Desalination and Water Treatment	276		0	0	2	0	2	0	2
2022	Risk Assessment of Heavy Metals Contamination in Soil and Two Rice (Oryza sativa L.) Varieties Irrigated with Paper Mill Effluent	Al-Huqail A.A., Kumar P., Eid E.M., Singh J., Arya A.K., Goala M., Adelodun B., Abou Fayssal S., Kumar V., Siric I.	20770472	Agriculture (Switzerland)	12	11	0	0	17	4	21	0	21
2022	Experimentation on AISI T42 tool steel at very low temperature	Hariharan K.B., Suresh Kumar B., Lenin K., Dhanabalan S., Palanisamy R., Chandra Giri N., Bajaj M., Zawbaa H.M., Kamel S.	22387854	Journal of Materials Research and Technology	21		0	0	0	0	0	0	0
2022	Wear Rate Modelling and Analysis of Limestone Slurry Particulate Composites Using the Fuzzy Method	Lokanadham D., Sharma R.C., Palli S., Bhardawaj S.	23218169	International Journal on Recent and Innovation Trends in Computing and Communication	10	1	0	0	0	0	0	0	0
2022	Plant bioactives delaying aging and senescence through sirtuin activation: A review	Manu P., Srashti C., Anchal M., Kumud P.	9736263	Research Journal of Biotechnology	17	11	0	0	1	0	1	0	1
2022	Power management in hybrid ANFIS PID based AC–DC microgrids with EHO based cost optimized droop control strategy	Prasad T.N., Devakirubakaran S., Muthubalaji S., Srinivasan S., Karthikeyan B., Palanisamy R., Bajaj M., Zawbaa H.M., Kamel S.	23524847	Energy Reports	8		0	0	13	1	14	0	14
2022	An Efficient Machine Learning Approach for Diagnosing Parkinson's Disease by Utilizing Voice Features	Rana A., Dumka A., Singh R., Rashid M., Ahmad N., Panda M.K.	20799292	Electronics (Switzerland)	11	22	0	0	6	0	6	0	6
2022	Algal Consortiums: A Novel and Integrated Approach for Wastewater Treatment	Gururani P., Bhatnagar P., Kumar V., Vlaskin M.S., Grigorenko A.V.	20734441	Water (Switzerland)	14	22	0	0	7	5	12	0	12
2022	An enhanced Gradient-based Optimizer for parameter estimation of various solar photovoltaic models	Premkumar M., Jangir P., Ramakrishnan C., Kumar C., Sowmya R., Deb S., Kumar N.M.	23524847	Energy Reports	8		0	0	10	7	17	0	17
2022	Fabrication of Europium-Doped Barium Titanate/Polystyrene Polymer Nanocomposites Using Ultrasonication-Assisted Method: Structural and Optical Properties	Kumar U., Padalia D., Bhandari P., Kumar P., Ranakoti L., Singh T., Lendvai L.	20734360	Polymers	14	21	0	0	2	0	2	0	2
2022	Influence of Oil Palm Nano Filler on Interlaminar Shear and Dynamic Mechanical Properties of Flax/Epoxy-Based Hybrid Nanocomposites under Cryogenic Condition	Lakshmaiya N., Kaliappan S., Patil P.P., Ganesan V., Dhanraj J.A., Sirisamphanwong C., Wongwuttanasatian T., Chowdhury S., Channumsin S., Channumsin M., Techato K.	20796412	Coatings	12	11	0	0	21	0	21	0	21
2022	Evolution of bioinformatics and its impact on modern bio-science in the twenty-first century: Special attention to pharmacology, plant science and drug discovery	Mitra D., Mitra D., Sabri Bensaad M., Sinha S., Pant K., Pant M., Priyadarshini A., Singh P., Dassamiour S., Hambaba L., Panneerselvam P., Das Mohapatra P.K.	24681113	Computational Toxicology	24		0	0	2	0	2	0	2
2022	An Efficient Hybrid QHCP-ABE Model to Improve Cloud Data Integrity and Confidentiality	Singamaneni K.K., Nauman A., Juneja S., Dhiman G., Viriyasitavat W., Hamid Y., Anajemba J.H.	20799292	Electronics (Switzerland)	11	21	0	0	8	1	9	0	9
2022	A Computerized Analysis with Machine Learning Techniques for the Diagnosis of Parkinson's Disease: Past Studies and Future Perspectives	Rana A., Dumka A., Singh R., Panda M.K., Priyadarshi N.	20754418	Diagnostics	12	11	0	0	4	0	4	0	4
2022	Comparative Evaluation of Pyrolysis and Hydrothermal Liquefaction for Obtaining Biofuel from a Sustainable Consortium of Microalgae Arthrospira platensis with Heterotrophic Bacteria	Chernova N.I., Grigorenko A.V., Kiseleva S.V., Larina O.M., Kumar V., Vlaskin M.S.	22279717	Processes	10	11	0	0	5	0	5	0	5
2022	A Method Noise-Based Convolutional Neural Network Technique for CT Image Denoising	Singh P., Diwakar M., Gupta R., Kumar S., Chakraborty A., Bajal E., Jindal M., Shetty D.K., Sharma J., Dayal H., Naik N., Paul R.	20799292	Electronics (Switzerland)	11	21	0	0	6	1	7	0	7

2022	Algorithm for multiple attribute decision-making using T-spherical fuzzy Maclaurin symmetric mean operator	Garg H., Ahmad A., Ullah K., Mahmood T., Ali Z.	17350654	Iranian Journal of Fuzzy Systems	19	6	0	0	9	1	10	0	10
2022	Sustainable synthetic approach and applications of ZnO/r-GO in the adsorption of toxic Pb2+ and Cr6+ ions	Joshi N.C., Rawat B.S., Kumar P., Kumar N., Upadhyay S., Chetana S., Gururani P., Kimothi S.	13877003	Inorganic Chemistry Communications	145		0	1	9	2	12	0	12
2022	Heat transfer and friction factor correlations development for double pass solar air heater artificially roughened with perforated multi-V ribs	Singh V.P., Jain S., Karn A., Dwivedi G., Kumar A., Mishra S., Sharma N.K., Bajaj M., Zawbaa H.M., Kamel S.	2214157X	Case Studies in Thermal Engineering	39		0	2	25	0	27	0	27
2022	Allocation of optimal energy from storage systems using solar energy	Mannepalli K., Vinoth K., Mohapatra S.K., Rahul R., Gangodkar D.P., Madduri A., Ravichandran M., Sathyamurthy R., Mohanavel V.	23524847	Energy Reports	8		0	1	5	0	6	0	6
2022	Role of machine learning in attaining environmental sustainability	Asha P., Mannepalli K., Khilar R., Subbulakshmi N., Dhanalakshmi R., Tripathi V., Mohanavel V., Sathyamurthy R., Sudhakar M.	23524847	Energy Reports	8		0	0	6	0	6	0	6
2022	A multi-criteria framework for addressing digitalization solutions of medical system under interval-valued T-spherical fuzzy information	Yang Z., Zhang T., Garg H., Venkatachalam K.	15684946	Applied Soft Computing	130		0	0	4	1	5	0	5
2022	Silicon nanostructures and nanocomposites for antibacterial and theranostic applications	Kumar A., Devi M., Kumar M., Shrivastava A., Sharma R., Dixit T., Singh V., Shehzad K., Xu Y., Singh K., Hu H.	9244247	Sensors and Actuators A: Physical	347		0	0	2	1	3	0	3
2022	Multi-modal medical image fusion in NSST domain for internet of medical things	Diwakar M., Shankar A., Chakraborty C., Singh P., Arunkumar G.	13807501	Multimedia Tools and Applications	81	26	0	1	6	2	9	0	9
2022	Comparison of Commercial Planar and Trench SiC MOSFETs by Electrical Characterization of Performance-Degrading Near-Interface Traps	Chaturvedi M., Dimitrijev S., Haasmann D., Moghadam H.A., Pande P., Jadli U.	189383	IEEE Transactions on Electron Devices	69	11	0	0	8	1	9	0	9
2022	Demand side management of electric vehicles in smart grids: A survey on strategies, challenges, modelling, modeling, and optimization	Mohanty S., Panda S., Parida S.M., Rout P.K., Sahu B.K., Bajaj M., Zawbaa H.M., Kumar N.M., Kamel S.	23524847	Energy Reports	8		0	1	24	1	26	0	26
2022	Capturing of inorganic and organic pollutants simultaneously from complex wastewater using recyclable magnetically chitosan functionalized with EDTA adsorbent	Verma M., Borah R., Kumar A., Chae S.-H., Pan S.-Y., Kumar V., Vlaskin M.S., Kim H.	9575820	Process Safety and Environmental Protection	167		0	0	3	3	6	0	6
2022	Mechanical, fracture toughness, and Dynamic Mechanical properties of twill weaved bamboo fiber-reinforced Artocarpus heterophyllus seed husk biochar epoxy composite	Arun A.P., Kaliappan S., Natrayan L., P Patil P.	2728397	Polymer Composites	43	11	0	1	3	2	6	0	6
2022	Performance evaluation of vertical constructed wetland units with hydraulic retention time as a variable operating factor	Minakshi D., Sharma P.K., Rani A., Malaviya P., Srivastava V., Kumar M.	2352801X	Groundwater for Sustainable Development	19		0	0	2	0	2	0	2
2022	Developing a dual axis photoelectric tracking module using a multi quadrant photoelectric device	Bharathi M.L., Bhatt V., Kumar V.V.R., Sharma R.J., Hemavathi S., Pant B., Arani R.P., Sathish T., Mohanavel V.	23524847	Energy Reports	8		0	0	0	0	0	0	0
2022	Exfoliated graphite carbon paper-based flexible nonenzymatic glucose sensor	Tiwari C., Jha S.S., Kumar R., Chhabra M., Malhotra B.D., Dixit A.	9215107	Materials Science and Engineering: B	285		0	1	0	1	2	0	2
2022	Cellulose/polyaniline hybrid nanocomposites: Design, fabrication, and emerging multidimensional applications	Rana A.K., Scarpa F., Thakur V.K.	9266690	Industrial Crops and Products	187		0	6	41	7	54	0	54
2022	Effect of nanosilica on mechanical, thermal, fatigue, and antimicrobial properties of cardanol oil/sisal fiber reinforced epoxy composite	Subbiah R., Arivumangai A., Kaliappan S., Balaji V., Yuvaraj G., P. Patil P.	2728397	Polymer Composites	43	11	0	1	7	1	9	0	9
2022	A Systematic Review on Generalized Fuzzy Numbers and Its Applications: Past, Present and Future	Kumar R., Khepar J., Yadav K., Kareri E., Alotaibi S.D., Viriyasitavat W., Gulati K., Kotecha K., Dhiman G.	11343060	Archives of Computational Methods in Engineering	29	7	0	2	8	0	10	0	10
2022	Synthesis and characterization of paraffin wax with carbon nanotubes and magnesium oxide	Venugopal J., Prathap L., Rao C.M.M.P., Alagesan J., Manjunatha L.H., Gangodkar D., Mohanavel V., Sathyamurthy R.	23524847	Energy Reports	8		0	2	2	0	4	0	4
2022	Analysis and performance enhancement of newly designed solar based heat pump for water heating application	Venugopal J., Dubey R., Mahor V., Ramkumar G., Yadav A.S., Tripathi V., Ranjith Kumar V., Mohanavel V., Sathyamurthy R.	23524847	Energy Reports	8		0	1	2	0	3	0	3
2022	Enhancing supply chain performance using RFID technology and decision support systems in the industry 4.0–A systematic literature review	Unhelkar B., Joshi S., Sharma M., Prakash S., Mani A.K., Prasad M.	26670968	International Journal of Information Management Data Insights	2	2	0	11	35	1	47	0	47
2022	Intensive exploration of the fuel characteristics of biomass and biochar from oil palm trunk and oil palm fronds for supporting increasing demand of solid biofuels in Thailand	Kongto P., Palamanit A., Ninduangdee P., Singh Y., Chanakaewsomboon I., Hayat A., Wae-hayee M.	23524847	Energy Reports	8		0	6	14	2	22	0	22
2022	Image-based decision making for reliable and proper diagnosing in NIFTI format using watermarking	Singh K.U., Kumar A., Singh T., Ram M.	13807501	Multimedia Tools and Applications	81	27	0	3	8	0	11	0	11
2022	An approach for brain tumour detection based on dual-tree complex Gabor wavelet transform and neural network using Hadoop big data analysis	Santhosh Kumar H S, Karibasappa K.	13807501	Multimedia Tools and Applications	81	27	0	1	1	0	2	0	2

2022	A safe haven of SARS-CoV-2 in the environment: Prevalence and potential transmission risks in the effluent, sludge, and biosolids	Adelodun B., Kumar P., Odey G., Ajibade F.O., Ibrahim R.G., Alamri S.A.M., Alrumman S.A., Eid E.M., Kumar V., Adeyemi K.A., Arya A.K., Bachheti A., Oliveira M.L.S., Choi K.S.	16749871	Geoscience Frontiers	13	6	0	3	2	1	6	0	6
2022	Distance-based confidence generation and aggregation of classifier for unstructured road detection	Alam A., Singh L., Jaffery Z.A., Verma Y.K., Diwakar M.	13191578	Journal of King Saud University - Computer and Information Sciences	34	10	0	4	11	0	15	0	15
2022	Estimation of failure probability of wave energy farms by group method of data handling: An indian scenario	Ghosh S., Majumder M., Mohammed O.H., Bajaj M., Singh A.R., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	1	0	1	0	1
2022	Cone-structured seven-level boost inverter topology for improvising power quality using online monitoring controller scheme for DSTATCOM application	Selvakumar K., Palanisamy R., Kannan M., Selvarajan S., Selim A., Kotb H., Bajaj M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	3	1	4	0	4
2022	An energy efficient modified passive power filter for power quality enhancement in electric drives	Thentral T.M.T., Usha S., Palanisamy R., Geetha A., Alkhudaydi A.M., Sharma N.K., Bajaj M., Ghoneim S.S.M., Shouran M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	3	0	3	0	3
2022	BAKP-IoDA: Blockchain Driven Authentication and Key Agreement Protocol for Internet of Drones Based Applications	Sripesh A., Wazid M., Singh D.P., Das A.K., Verma B.		DroneCom 2022 - Proceedings of the 5th International ACM Mobicom Workshop on Drone Assisted Wireless Communications for 5G and Beyond			0	0	1	0	1	0	1
2022	Global groundwater vulnerability for Pharmaceutical and Personal care products (PPCPs): The scenario of second decade of 21st century	Silori R., Shrivastava V., Singh A., Sharma P., Aouad M., Mahlknecht J., Kumar M.	3014797	Journal of Environmental Management	320		0	2	18	6	26	0	26
2022	Metal oxide nanoparticles and their nanocomposite-based materials as photocatalysts in the degradation of dyes	Joshi N.C., Gururani P., Gairola S.P.	20695837	Biointerface Research in Applied Chemistry	12	5	0	9	23	2	34	0	34
2022	IOT based classification of transformer faults using emerging techniques of E-nose and ANFIS	Equbal M.D., Nezami M.M., Hashem H., Bajaj M., Khurshaid T., Ghoneim S.S.M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	3	0	3	0	3
2022	Artificial intelligence-based personal health monitoring devices	Kumar M.A., Prasad M.S.G., More P., Christa S.		Mobile Health: Advances in Research and Applications - Volume II			0	0	0	0	0	0	0
2022	Molecular insights and therapeutic implications of nanoengineered dietary polyphenols for targeting lung carcinoma: part I	Das S.S., Tambe S., Prasad Verma P.R., Amin P., Singh N., Singh S.K., Gupta P.K.	17435889	Nanomedicine	17	23	0	0	1	0	1	0	1
2022	Advances and opportunities in nanoimaging agents for the diagnosis of inflammatory lung diseases	Masanam H.B., Perumal G., Krishnan S., Singh S.K., Jha N.K., Chellappan D.K., Dua K., Gupta P.K., Narasimhan A.K.	17435889	Nanomedicine	17	25	0	0	1	0	1	0	1
2022	Molecular insights and therapeutic implications of nanoengineered dietary polyphenols for targeting lung cancer: part II	Das S.S., Tambe S., Prasad Verma P.R., Amin P., Singh N., Singh S.K., Gupta P.K.	17435889	Nanomedicine	17	23	0	0	0	0	0	0	0
2022	Influence of dissimilarity of water depth on performance of N alike photovoltaic thermal flat plate collectors included with double slope solar still: a comparative study	Kumar D., Sharma R.K., Sharma S.K., Dwivedi V.K., Tiwari S., Singh D.B.	19443994	Desalination and Water Treatment	273		0	0	2	0	2	0	2
2022	An innovative decisive framework for optimized agri-automobile evaluation and HRM pattern recognition via possibility fuzzy hypersoft setting	Rahman A.U., Saeed M., Garg H.	16878132	Advances in Mechanical Engineering	14	10	0	0	4	1	5	0	5
2022	Numerical Method to Generate and Evaluate Environmental Wind Over Hills: Comparison of Pedestrian Winds Over Hills and Plains	Jena S., Gairola A.	21801363	CFD Letters	14	10	0	0	1	0	1	0	1
2022	Revisiting the Nutritional, Chemical and Biological Potential of Cajanus cajan (L.) Millsp.	Gargi B., Semwal P., Jameel Pasha S.B., Singh P., Painuli S., Thapliyal A., Cruz-Martins N.	14203049	Molecules	27	20	0	0	7	2	9	0	9
2022	Risk Assessment of Heavy Metals Occurrence in Two Wild Edible Oyster Mushrooms (Pleurotus spp.) Collected from Rajaji National Park	Siric I., Kumar P., Adelodun B., Abou Fayssal S., Bachheti R.K., Bachheti A., Ajibade F.O., Kumar V., Taher M.A., Eid E.M.	2309608X	Journal of Fungi	8	10	0	0	12	3	15	0	15
2022	Biodegradation of Congo Red Using Co-Culture Anode Inoculum in a Microbial Fuel Cell	Sharma K., Pandit S., Thapa B.S., Pant M.	20734344	Catalysts	12	10	0	0	9	3	12	0	12
2022	A Review of Compensation Topologies and Control Techniques of Bidirectional Wireless Power Transfer Systems for Electric Vehicle Applications	Venkatesan M., Rajamanickam N., Vishnuram P., Bajaj M., Blazek V., Prokop L., Misak S.	19961073	Energies	15	20	0	0	19	0	19	0	19
2022	Low-Dose COVID-19 CT Image Denoising Using Batch Normalization and Convolution Neural Network	Diwakar M., Singh P., Karetla G.R., Narooka P., Yadav A., Maurya R.K., Gupta R., Arias-Gonzales J.L., Singh M.P., Shetty D.K., Paul R., Naik N.	20799292	Electronics (Switzerland)	11	20	0	2	3	0	5	0	5
2022	A Comprehensive Study on Pythagorean Fuzzy Normal Subgroups and Pythagorean Fuzzy Isomorphisms	Razaq A., Alhamzi G., Razzaque A., Garg H.	20738994	Symmetry	14	10	0	0	3	0	3	0	3
2022	Performance Analysis of an Optimized Asymmetric Multilevel Inverter on Grid Connected SPV System	Kumar D.G., Ganesh A., Sireesha N.V., Kshatri S.S., Mishra S., Sharma N.K., Bajaj M., Kotb H., Milyani A.H., Azhari A.A.	19961073	Energies	15	20	0	0	12	1	13	0	13
2022	Predicting Student Attrition in Higher Education through the Determinants of Learning Progress: A Structural Equation Modelling Approach	Nikolaidis P., Ismail M., Shuib L., Khan S., Dhiman G.	20711050	Sustainability (Switzerland)	14	20	0	0	3	0	3	0	3
2022	An Intelligent Sensor Based Decision Support System for Diagnosing Pulmonary Ailment through Standardized Chest X-ray Scans	Batra S., Sharma H., Boulila W., Arya V., Srivastava P., Khan M.Z., Krichen M.	14248220	Sensors	22	19	0	0	15	0	15	0	15

2022	A Security Policy Protocol for Detection and Prevention of Internet Control Message Protocol Attacks in Software Defined Networks	Onyema E.M., Kumar M.A., Balasubaramanian S., Bharany S., Rehman A.U., Eldin E.T., Shafiq M.	20711050	Sustainability (Switzerland)	14	19	0	1	15	2	18	0	18
2022	A Self-Adaptable Angular Based K-Medoid Clustering Scheme (SAACS) for Dynamic VANETs	Bijalwan A., Purohit K.C., Malik P., Mittal M.	20799292	Electronics (Switzerland)	11	19	0	0	3	0	3	0	3
2022	Impact of irradiation on physico-chemical and nutritional properties of fruits and vegetables: A mini review	Bhatnagar P., Gururani P., Bisht B., Kumar V., Kumar N., Joshi R., Vlaskin M.S.	24058440	Heliyon	8	10	0	0	9	1	10	0	10
2022	Evaluation of Seasonal Variability of First-Order Ionospheric Delay Correction at L5 and S1 Frequencies Using Dual-Frequency NavIC System	Bhardwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.	9296212	Wireless Personal Communications	126	4	0	0	0	0	0	0	0
2022	Polyester nanomedicines targeting inflammatory signaling pathways for cancer therapy	Sachi Das S., Singh S.K., Verma P.R.P., Gahtori R., Sibuh B.Z., Kesari K.K., Jha N.K., Dhanasekaran S., Thakur V.K., Wong L.S., Djearamane S., Gupta P.K.	7533322	Biomedicine and Pharmacotherapy	154		0	0	4	0	4	0	4
2022	Mathematical Model Development for Navigation with Indian Constellation (NavIC) L-Band Geo Synchronous Satellite's Direct Signal and Multipath Signals	Chamoli V., Prakash R., Vidyarthi A.	9296212	Wireless Personal Communications	126	4	0	2	0	0	2	0	2
2022	Cyber Security Risk management with attack detection frameworks using multi connect variational auto-encoder with probabilistic Bayesian networks	Mouti S., Shukla S.K., Althubiti S.A., Ahmed M.A., Alenezi F., Arumugam M.	457906	Computers and Electrical Engineering	103		0	0	2	1	3	0	3
2022	A generic and smart automation system for home using internet of things	Iyappan P., Loganathan J., Verma M.K., Dumka A., Singh R., Gehlot A., Akram S.V., Kaur S., Joshi K.	20893191	Bulletin of Electrical Engineering and Informatics	11	5	0	2	5	0	7	0	7
2022	One-step functionalization of chitosan using EDTA: Kinetics and isotherms modeling for multiple heavy metals adsorption and their mechanism	Verma M., Ahmad W., Park J.-H., Kumar V., Vlaskin M.S., Vaya D., Kim H.	22147144	Journal of Water Process Engineering	49		0	3	12	1	16	0	16
2022	Mother wavelet selection method for voltage sag characterization and detection	Upadhya M., Singh A.K., Thakur P., Nagata E.A., Ferreira D.D.	3787796	Electric Power Systems Research	211		0	2	6	3	11	0	11
2022	Positive Effect of Predator's Mortality in Predator-Prey System via Turing Patterns	Shivam, Kumar M., Singh T., Chauhan S.	1039733	Brazilian Journal of Physics	52	5	0	0	2	0	2	0	2
2022	Tribological performance evaluation of slag waste filled phenolic composites for automotive braking applications	Rajan R., Tyagi Y.K., Pruncu C.I., Kulshreshtha S., Ranakoti L., Singh T.	2728397	Polymer Composites	43	10	0	1	2	0	3	0	3
2022	Effect of black rice husk ash biosilica on mechanical, wear, and fatigue behavior of stacked aloevera/roselle and glass fiber reinforced epoxy composite	Ramaswamy R., Nagabhooshanam N., Manoj E., Thiyagu M., Patil P.P.	2728397	Polymer Composites	43	10	0	0	7	0	7	0	7
2022	Content-based image retrieval using integrated features and multi-subspace randomization and collaboration	Kenchappa Y.D., Kwadiki K.	9756809	International Journal of System Assurance Engineering and Management	13	5	0	1	3	0	4	0	4
2022	Conditional Variational Autoencoder Networks for Autonomous Vehicle Path Prediction	Jagadish D.N., Chauhan A., Mahto L.	13704621	Neural Processing Letters	54	5	0	0	0	0	0	0	0
2022	Mathematical programs with vanishing constraints involving strongly invex functions	Joshi B.C.	10171398	Numerical Algorithms	91	2	0	1	2	0	3	0	3
2022	Performance optimization of a pine oil-fueled agricultural engine using grey - Taguchi approach	Kumar R., Gwalwanshi M., Verma V., Tarodiya R., Kumar M.		Renewable Energy Systems: Modeling, Optimization and Applications			0	0	0	0	0	0	0
2022	Energy optimization in smart homes and buildings	Sathya S., Karthi G., Kumar A.S., Prakash S.		Hybrid Intelligent Approaches for Smart Energy: Practical Applications			0	0	0	0	0	0	0
2022	Recent updates on anticancer mechanisms of polyphenols	Sharma E., Attri D.C., Sati P., Dhyani P., Szopa A., Sharifi-Rad J., Hano C., Calina D., Cho W.C.	2296634X	Frontiers in Cell and Developmental Biology	10		0	4	15	2	21	0	21
2022	A comprehensive review of Quercus semecarpifolia Sm.: An ecologically and commercially important Himalayan tree	Rawat B., Rawat J.M., Purohit S., Singh G., Sharma P.K., Chandra A., Shabaaz Begum J.P., Venugopal D., Jaremko M., Qureshi K.A.	2296701X	Frontiers in Ecology and Evolution	10		0	0	6	0	6	0	6
2022	Design and implementation of energy reshaping based fuzzy logic control for optimal power extraction of PMSG wind energy converter	Jaiswal A., Belkhier Y., Chandra S., Priyadarshi A., Bajaj M., Pushkarna M., Elgamli E., Shouran M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	4	0	4	0	4
2022	HIL real-time simulator based 3D-space vector pulse width modulation for performance analysis of 3-phase matrix converter	Palanisamy R., Shanmugasundaram V., Lakshmi M., Karthikeyan B., Aboras K.M., Bajaj M., Alsharef M., Elattar E.E., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	1	0	1	0	1
2022	Improved nonlinear generalized model predictive control for robustness and power enhancement of a DFIG-based wind energy converter	Ouari K., Belkhier Y., Djouadi H., Kasri A., Bajaj M., Alsharef M., Elattar E.E., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	4	0	4	0	4
2022	Secure power management strategy for direct torque controlled fuel cell/ supercapacitor electric vehicles	Oubelaid A., Taib N., Rekioua T., Bajaj M., Yadav A., Shouran M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	1	16	0	17	0	17
2022	A dual input single output non-isolated DC-DC converter for multiple sources electric vehicle applications	Karthikeyan B., Sundararaju K., Palanisamy R., Manivasagam R., Hossain I., Bajaj M., Shouran M., Abdul samad B., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	4	0	4	0	4
2022	Static and dynamic environmental economic dispatch using tournament selection based ant lion optimization algorithm	Vennila H., Giri N.C., Nallapaneni M.K., Sinha P., Bajaj M., Abou Houran M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	1	3	1	5	0	5
2022	Drone centric IoT-Fog-cloud based smart agriculture support service	Singh P., Singh K.D., Angurala M.		Revolutionary Applications of Intelligent Drones			0	0	0	0	0	0	0

2022	Optimal Allocation of Renewable Distributed Generators and Electric Vehicles in a Distribution System Using the Political Optimization Algorithm	Dharavat N., Sudabattula S.K., Velamuri S., Mishra S., Sharma N.K., Bajaj M., Elgamli E., Shouran M., Kamel S.	19961073	Energies	15	18	0	2	22	0	24	0	24
2022	Stress, Anxiety, and Depression in Pre-Clinical Medical Students: Prevalence and Association with Sleep Disorders	Alrashed F.A., Alsubiheen A.M., Alshammari H., Mazi S.I., Al-Saud S.A., Alayoubi S., Kachanathu S.J., Albarrati A., Aldaihan M.M., Ahmad T., Sattar K., Khan S., Dhiman G.	20711050	Sustainability (Switzerland)	14	18	0	1	11	0	12	0	12
2022	Innovation in Green Building Sector for Sustainable Future	Meena C.S., Kumar A., Jain S., Rehman A.U., Mishra S., Sharma N.K., Bajaj M., Shafiq M., Eldin E.T.	19961073	Energies	15	18	0	3	23	1	27	0	27
2022	Modeling Conceptual Framework for Implementing Barriers of AI in Public Healthcare for Improving Operational Excellence: Experiences from Developing Countries	Joshi S., Sharma M., Das R.P., Rosak-Szyrocka J., Zywiolek J., Muduli K., Prasad M.	20711050	Sustainability (Switzerland)	14	18	0	2	5	1	8	0	8
2022	Integrating Human Waste with Microbial Fuel Cells to Elevate the Production of Bioelectricity	Pandit C., Thapa B.S., Srivastava B., Mathuriya A.S., Toor U.-A., Pant M., Pandit S., Jadhav D.-A.	26736284	BioTech	11	3	0	0	2	0	2	0	2
2022	Modification of Graphite Sheet Anode with Iron (II, III) Oxide-Carbon Dots for Enhancing the Performance of Microbial Fuel Cell	Tripathi B., Pandit S., Sharma A., Chauhan S., Mathuriya A.S., Dikshit P.K., Gupta P.K., Singh R.C., Sahni M., Pant K., Singh S.	20734344	Catalysts	12	9	0	2	13	3	18	0	18
2022	Oppositional Pigeon-Inspired Optimizer for Solving the Non-Convex Economic Load Dispatch Problem in Power Systems	Ramalingam R., Karunanidy D., Alshamrani S.S., Rashid M., Mathumohan S., Dumka A.	22277390	Mathematics	10	18	0	0	3	0	3	0	3
2022	ZnO/CeO2 Nanocomposites: Metal-Organic Framework-Mediated Synthesis, Characterization, and Estimation of Cellular Toxicity toward Liver Cancer Cells	Alabyadh T., Albadri R., Es-haghi A., Yazdi M.E.T., Ajalli N., Rahdar A., Thakur V.K.	20794983	Journal of Functional Biomaterials	13	3	0	0	21	1	22	0	22
2022	Combined Use of Spent Mushroom Substrate Biochar and PGPR Improves Growth, Yield, and Biochemical Response of Cauliflower (Brassica oleracea var. botrytis): A Preliminary Study on Greenhouse Cultivation	Siric I., Eid E.M., Taher M.A., El-Morsy M.H.E., Osman H.E.M., Kumar P., Adelodun B., Abou Fayssal S., Mioc B., Andabaka Z., Goala M., Kumari S., Bachheti A., Choi K.S., Kumar V.	23117524	Horticulturae	8	9	0	0	27	1	28	0	28
2022	Health Risk Assessment of Hazardous Heavy Metals in Two Varieties of Mango Fruit (Mangifera indica L. var. Dasheri and Langra)	Siric I., Eid E.M., El-Morsy M.H.E., Osman H.E.M., Adelodun B., Abou Fayssal S., Mioc B., Goala M., Singh J., Bachheti A., Arya A.K., Choi K.S., Kumar V., Kumar P.	23117524	Horticulturae	8	9	0	0	10	2	12	0	12
2022	Xanthones: A Class of Heterocyclic Compounds with Anticancer Potential	Gul S., Aslam K., Pirzada Q., Rauf A., Khalil A.A., Semwal P., Bawazeer S., Al-Awthan Y.S., Bahattab O.S., Duais M.A.A., Thiruvengadam M.	15680266	Current Topics in Medicinal Chemistry	22	23	0	2	2	1	5	0	5
2022	Multi Source Electric Vehicles: Smooth Transition Algorithm for Transient Ripple Minimization	Oubelaid A., Taib N., Rekioua T., Bajaj M., Blazek V., Prokop L., Misak S., Ghoneim S.S.M.	14248220	Sensors	22	18	0	1	10	0	11	0	11
2022	A Novel QKD Approach to Enhance IIOT Privacy and Computational Knacks	Singamaneni K.K., Dhiman G., Juneja S., Muhammad G., AlQahtani S.A., Zaki J.	14248220	Sensors	22	18	0	1	23	2	26	0	26
2022	Fatty Acids and Elements Profile of Different Parts from Congress grass (Parthenium hysterophorus L.)	Begum G., Dastagir G., Rauf A., Bawazeer S., Naz S., Semwal P., Khan I.A., Al-Awthan Y.S., Bahattab O., Al-Duais M.A., Ramadan M.F.	9737510	Journal of Pure and Applied Microbiology	16	3	0	0	0	0	0	0	0
2022	Routing Protocol for MANET Based on QoS-Aware Service Composition with Dynamic Secured Broker Selection	Ramalingam R., Muniyan R., Dumka A., Singh D.P., Mohamed H.G., Singh R., Anand D., Noya I.D.	20799292	Electronics (Switzerland)	11	17	0	5	9	0	14	0	14
2022	Computer-aided cyanobacterial harmful algae blooms (CyanoHABs) studies based on fused artificial intelligence (AI) models	Gaur A., Pant G., Jalal A.S.	22119264	Algal Research	67		0	0	3	0	3	0	3
2022	Methane pyrolysis on sponge iron powder for sustainable hydrogen production	Vlaskin M.S., Grigorenko A.V., Gromov A.A., Kumar V., Dudoladov A.O., Slavkina O.V., Darishchev V.I.	25901230	Results in Engineering	15		0	0	6	0	6	0	6
2022	Fatigue, fracture toughness and DMA of biosilica toughened epoxy with stacked okra fiber and Al 2024-T3 fiber metal laminate composite	Ramesh G., Uvaraja V.C., Gnanasundara Jayaraja B., Patil P.P.	2728397	Polymer Composites	43	9	0	0	4	1	5	0	5
2022	Lie symmetry reductions and generalized exact solutions of Date–Jimbo–Kashiwara–Miwa equation	Tanwar D.V.	9600779	Chaos, Solitons and Fractals	162		0	1	6	0	7	0	7
2022	Artificial intelligence - enabled soft sensor and internet of things for sustainable agriculture using ensemble deep learning architecture	Wongchai A., Shukla S.K., Ahmed M.A., Sakthi U., Jagdish M., kumar R.	457906	Computers and Electrical Engineering	102		0	0	44	1	45	0	45
2022	Untangling role of cooperative hunting among predators and herd behavior in prey with a dynamical systems approach	Shivam, Singh K., Kumar M., Dubey R., Singh T.	9600779	Chaos, Solitons and Fractals	162		0	1	4	2	7	0	7
2022	Synthesis and supercapacitive behaviour of SnO2/r-GO nanocomposite	Joshi N.C., Rawat B.S., Bisht H., Gajraj V., Kumar N., Chetana S., Gururani P.	3796779	Synthetic Metals	289		0	1	13	0	14	0	14

2022	CRISPR-Cas9 mediated genome tailoring to improve nutritional quality and shelf life in crops: A review	Chakravorty M., Nanda M., Arora N., Singh S., Kumar V., Deshwal S.	23524073	Plant Gene	31		0	0	2	0	2	0	2
2022	Emerging trends in immunotoxin targeting cancer stem cells	Sibuh B.Z., Gahtori R., Al-Dayan N., Pant K., Far B.F., Malik A.A., Gupta A.K., Sadhu S., Dohare S., Gupta P.K.	8872333	Toxicology in Vitro	83		0	1	7	0	8	0	8
2022	A sustainable production model for waste management with uncertain scrap and recycled material	Chauhan A., Sharma N.K., Tayal S., Kumar V., Kumar M.	14384957	Journal of Material Cycles and Waste Management	24	5	0	1	8	1	10	0	10
2022	H-Infinity Based Robust Temperature Controller Design for a Non-linear Systems	Saini P., Thakur P.	9296212	Wireless Personal Communications	126	1	0	0	2	0	2	0	2
2022	Uniting cyber security and machine learning: Advantages, challenges and future research	Wazid M., Das A.K., Chamola V., Park Y.	24059595	ICT Express	8	3	1	2	19	7	28	0	29
2022	Comparative nutritional and antimicrobial analysis of Himalayan black and yellow soybean and their okara	Anjum S., Rana S., Dasila K., Agnihotri V., Pandey A., Pande V.	225142	Journal of the Science of Food and Agriculture	102	12	0	1	4	0	5	0	5
2022	An assessment of Dungale landslide using remotely piloted aircraft system (RPAS), ground penetration radar (GPR), and Slide & RS2 Softwares	Tandon R.S., Gupta V., Venkateshwarlu B., Joshi P.	0921030X	Natural Hazards	113	2	0	1	3	1	5	0	5
2022	Managerial cognition and environmental behavioral intentions: A behavioral reasoning theory perspective	Bhatt Y., Ghuman K.	15353958	Corporate Social Responsibility and Environmental Management	29	5	0	0	1	1	2	0	2
2022	Fortifying Smart Transportation Security Through Public Blockchain	Wazid M., Bera B., Das A.K., Mohanty S.P., Jo M.	23274662	IEEE Internet of Things Journal	9	17	0	4	15	3	22	0	22
2022	Investigation of Novel Low Bandgap Source Material for Hetero-dielectric GAA-TFET with Enhanced Performance	Anamul Haque A., Mishra V., Verma Y.K., Gupta S.K.	1876990X	Silicon	14	14	0	2	1	0	3	0	3
2022	Digital misinformation and fake news detection using WoT integration with Asian social networks fusion based feature extraction with text and image classification by machine learning architectures	Surekha T.L., Sekhara Rao N.C., Shahnazeer C.K., Yaseen S.M., Shukla S.K., Bharat S., Arumugam M.	3043975	Theoretical Computer Science	927		0	1	1	0	2	0	2
2022	An Experimental and Case Study on the Evaluation of the Partial Shading Impact on PV Module Performance Operating Under the Sudano-Sahelian Climate of Cameroon	Yaouba, Bajaj M., Welba C., Bernard K., Kitmo, Kamel S., El-Naggar M.F.	2296598X	Frontiers in Energy Research	10		0	0	5	0	5	0	5
2022	Experimental validation and intelligent control of a stand-alone solar energy conversion system using dSPACE platform	Yahiaoui F., Chabour F., Guenounou O., Zaouche F., Belkhier Y., Bajaj M., Shouran M., Elgamli E., Kamel S.	2296598X	Frontiers in Energy Research	10		0	1	2	2	5	0	5
2022	Optimal techno-economic feasibility study of net-zero carbon emission microgrid integrating second-life battery energy storage system	Bhatt A., Ongsakul W., Madhu M. N.	1968904	Energy Conversion and Management	266		0	3	25	8	36	0	36
2022	Barriers to organic waste management in a circular economy	Kharola S., Ram M., Goyal N., Mangla S.K., Nautiyal O.P., Rawat A., Kazancoglu Y., Pant D.	9596526	Journal of Cleaner Production	362		0	0	15	3	18	0	18
2022	A remanufacturing inventory model to control the carbon emission using cap-and-trade regulation with the hexagonal fuzzy number	Arora R., Singh A.P., Sharma R., Chauhan A.	14635771	Benchmarking	29	7	0	1	1	0	2	0	2
2022	PV/WT Integrated System Using the Gray Wolf Optimization Technique for Power Quality Improvement	Goud B.S., Rami Reddy C., Naga Sai kalyan C., Udumula R.R., Bajaj M., Abdul Samad B., Shouran M., Kamel S.	2296598X	Frontiers in Energy Research	10		0	0	7	0	7	0	7
2022	Cellulose nanofibrils-graphene hybrids: recent advances in fabrication, properties, and applications	Trache D., Tarchoun A.F., Abdelaziz A., Bessa W., Hussin M.H., Brosse N., Thakur V.K.	20403364	Nanoscale	14	35	0	1	12	1	14	0	14
2022	Chromium toxicity in the Yamuna River ecosystem at Brij Region – Uttar Pradesh, India	Sharma J., Pant G., Hossain K., Ahmad A., Bakht M.A., Alka, Tripathi R., Setapar S.H.M.	19443994	Desalination and Water Treatment	267		0	0	1	0	1	0	1
2022	A Novel Energy Efficient Threshold Based Algorithm for Wireless Body Sensor Network	Arumugam S.K., Mohammed A.S., Nagarajan K., Ramasubramanian K., Goyal S.B., Verma C., Mihaltan T.C., Safirescu C.O.	19961073	Energies	15	16	0	0	10	1	11	0	11
2022	OGWO-CH: Hybrid Opposition-Based Learning with Gray Wolf Optimization Based Clustering Technique in Wireless Sensor Networks	Ramalingam R., Karunanidy D., Balakrishnan A., Rashid M., Dumka A., Afifi A., Alshamrani S.S.	20799292	Electronics (Switzerland)	11	16	0	0	1	0	1	0	1
2022	Automatic Vehicle Identification and Classification Model Using the YOLOv3 Algorithm for a Toll Management System	Rajput S.K., Patni J.C., Alshamrani S.S., Chaudhari V., Dumka A., Singh R., Rashid M., Gehlot A., AlGhamdi A.S.	20711050	Sustainability (Switzerland)	14	15	0	0	16	0	16	0	16
2022	Phytoremediation of Composite Industrial Effluent using Sacred Lotus (Nelumbo nucifera Gaertn): A Lab-Scale Experimental Investigation	AL-Huqail A.A., Kumar P., Eid E.M., Taher M.A., Kumar P., Adelodun B., Andabaka Z., Mioc B., Drzaic V., Bachheti A., Singh J., Kumar V., Siric I.	20711050	Sustainability (Switzerland)	14	15	0	0	2	0	2	0	2
2022	RST-DE: Rough Sets-Based New Differential Evolution Algorithm for Scalable Big Data Feature Selection in Distributed Computing Platforms	Thakur S., Dharavath R., Shankar A., Singh P., Diwakar M., Khosravi M.R.	21676461	Big Data	10	4	0	0	1	0	1	0	1
2022	Robust Optimization and Power Management of a Triple Junction Photovoltaic Electric Vehicle with Battery Storage	Hamed S.B., Hamed M.B., Sbita L., Bajaj M., Blazek V., Prokop L., Misak S., Ghoneim S.S.M.	14248220	Sensors	22	16	0	0	10	0	10	0	10
2022	Artificial Bee Colony Algorithm with Nelder–Mead Method to Solve Nurse Scheduling Problem	Muniyan R., Ramalingam R., Alshamrani S.S., Gangodkar D., Dumka A., Singh R., Gehlot A., Rashid M.	22277390	Mathematics	10	15	0	2	0	0	2	0	2

2022	Model Predictive Direct Torque Control and Fuzzy Logic Energy Management for Multi Power Source Electric Vehicles	Kakouche K., Rekioua T., Mezani S., Oubelaid A., Rekioua D., Blazek V., Prokop L., Misak S., Bajaj M., Ghoneim S.S.M.	14248220	Sensors	22	15	0	2	26	2	30	0	30
2022	A Novel Decentralized Blockchain Architecture for the Preservation of Privacy and Data Security against Cyberattacks in Healthcare	Kumar A., Singh A.K., Ahmad I., Kumar Singh P., Anushree, Verma P.K., Alissa K.A., Bajaj M., Ur Rehman A., Tag-Eldin E.	14248220	Sensors	22	15	0	8	16	2	26	0	26
2022	Nanoparticles in clinical trials of COVID-19: An update	Rauf A., Abu-Izneid T., Khalil A.A., Hafeez N., Olatunde A., Rahman M., Semwal P., Al-Awthan Y.S., Bahattab O.S., Khan I.N., Khan M.A., Sharma R.	17439191	International Journal of Surgery	104		0	6	11	4	21	0	21
2022	Impact of cathode biofouling in microbial fuel cells and mitigation techniques	Kolajo O.O., Pandit C., Thapa B.S., Pandit S., Mathuriya A.S., Gupta P.K., Jadhav D.A., Lahiri D., Nag M., Upadhye V.J.	18788181	Biocatalysis and Agricultural Biotechnology	43		0	1	5	1	7	0	7
2022	A thermodynamic review on solar ponds	Saxena A., Cuce E., Bandhu Singh D., Mert Cuce P., Gupta P., Suryavanshi A., Farrokhi M., El-Sebaii A.A.	0038092X	Solar Energy	242		0	2	12	1	15	0	15
2022	Wavelength assignment in optical fiber with intelligent optimization and assignment scheme for static and dynamic traffic intensity based Photonic networks	Kumar B.M., Guduru R.K.R., Srinivas A., Ana F., Ramudu K., Dhiman G.	3068919	Optical and Quantum Electronics	54	8	0	3	1	0	4	0	4
2022	Thermophoresis and Brownian motion effects on 3D flow of Casson nanofluid consisting microorganisms over a Riga plate using PSO: A numerical study	Upreti H., Pandey A.K., Uddin Z., Kumar M.	5779073	Chinese Journal of Physics	78		0	0	47	4	51	0	51
2022	Machine learning security attacks and defense approaches for emerging cyber physical applications: A comprehensive survey	Singh J., Wazid M., Das A.K., Chamola V., Guizani M.	1403664	Computer Communications	192		0	1	4	1	6	0	6
2022	Improving the predictive response using ensemble empirical mode decomposition based soft sensors with auto encoder deep neural network	Lebbe Abdul Haleem S., Sodagudi S., Althubiti S.A., Kumar Shukla S., Altaf Ahmed M., Chokkalingam B.	2632241	Measurement: Journal of the International Measurement Confederation	199		0	0	4	0	4	0	4
2022	Solar cooking innovations, their appropriateness, and viability	Saxena A., Norton B., Goel V., Singh D.B.	9441344	Environmental Science and Pollution Research	29	39	0	0	13	1	14	0	14
2022	Health-promoting bioactive phenolic compounds in different solvent extracts of Curcuma caesia Roxb. rhizome from North-East India	Arya O.P., Adhikari P., Pandey A., Bhatt I.D., Mohanty K.	1458892	Journal of Food Processing and Preservation	46	8	0	0	4	0	4	0	4
2022	Effect of silanized stacked Kevlar fiber/brass 270 wire mesh on mechanical and impact toughness of cubic boron nitride–epoxy composite	Vinayaka N., Nagabhooshanam N., Balaji D., Verma R., Patil P.P.	2728397	Polymer Composites	43	8	0	1	1	0	2	0	2
2022	Characterization of prickly pear short fiber and red onion peel biocarbon nanosheets toughened epoxy composites	Ramaswamy R., Gurupranes S.V., Kaliappan S., Natrayan L., Patil P.P.	2728397	Polymer Composites	43	8	0	8	54	2	64	0	64
2022	Robust local binary pattern for face recognition in different challenges	Karanwal S.	13807501	Multimedia Tools and Applications	81	20	0	1	7	0	8	0	8
2022	Optimum Response of a Nonlinear Passive Vehicle Suspension System under Random Road Excitations	Satyanarayana V.S.V., Sharma R.C., Sateesh B., Gopala Rao L.V.V., Mohan Rao N., Palli S.	1946391X	SAE International Journal of Commercial Vehicles	16	1	0	0	1	0	1	0	1
2022	Newcastle disease virus in poultry animals	Gupta A., Ur Rehman A., Kaur H., Kapoor S., Kumar V.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	4	0	0	1	0	1	0	1
2022	Emerging real time analytics based health start-ups: opportunities during covid-19	Sharma A., Sharma R.K., Nanda S., Misra A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	4	0	0	1	0	1	0	1
2022	Comparative assessment of phytochemical content and antioxidant activity of mentha arvensis	Amit G., Shah A.A., Samarah K., Khushi K., Aman R., Vijay K.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	4	0	1	1	0	2	0	2
2022	A critical review of literature to reveal Covid-19 effect on mental health	Kumar M.R., Kumar J.V., Prakash S.S., Omdeep G.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	4	0	0	0	0	0	0	0
2022	Impact of covid-19 on mediocre life-style and their psychology (Special emphasis on middle-class indian households)	Agggarwal S., Baral V., Negi R., Gupta S.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	4	0	0	0	0	0	0	0
2022	Isolation, Identification, Speciation, and Antibiogram of Enterococcus species by conventional methods and Assessment of the Prevalence of vana genotype among VRE	Gupta A., Shah A.A., Khursheed S., Rashid A., Kumar V.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	4	0	0	0	0	0	0	0
2022	Food-Grade Quercetin-Loaded Nanoemulsion Ameliorates Effects Associated with Parkinson's Disease and Cancer: Studies Employing a Transgenic C. elegans Model and Human Cancer Cell Lines	Das S.S., Sarkar A., Chabattula S.C., Verma P.R.P., Nazir A., Gupta P.K., Ruokolainen J., Kesari K.K., Singh S.K.	20763921	Antioxidants	11	7	0	2	7	0	9	0	9
2022	Effect of surface treatment and fiber loading on the physical, mechanical, sliding wear, and morphological characteristics of tasar silk fiber waste-epoxy composites for multifaceted biomedical and engineering applications: fabrication and characterizations	Ranakoti L., Gangil B., Rajesh P.K., Singh T., Sharma S., Li C., Ilyas R.A., Mahmoud O.	22387854	Journal of Materials Research and Technology	19		0	4	17	2	23	0	23
2022	Application of Microbial Fuel Cell (MFC) for Pharmaceutical Wastewater Treatment: An Overview and Future Perspectives	Thapa B.S., Pandit S., Patwardhan S.B., Tripathi S., Mathuriya A.S., Gupta P.K., Lal R.B., Tusher T.R.	20711050	Sustainability (Switzerland)	14	14	0	3	7	3	13	0	13
2022	Coordinated Control of Wind Energy Conversion System during Unsymmetrical Fault at Grid	Ahuja H., Singh A., Sharma S., Sharma G., Bokoro P.N.	19961073	Energies	15	13	0	3	4	0	7	0	7
2022	Occurrence and Health Risk Assessment of Cadmium Accumulation in Three Tricholoma Mushroom Species Collected from Wild Habitats of Central and Coastal Croatia	Siric I., Kumar P., Eid E.M., Bachheti A., Kos I., Bedekovic D., Mioc B., Humar M.	2309608X	Journal of Fungi	8	7	0	2	4	1	7	0	7

2022	A Fog-Cluster Based Load-Balancing Technique	Singh P., Kaur R., Rashid J., Juneja S., Dhiman G., Kim J., Ouaissa M.	20711050	Sustainability (Switzerland)	14	13	0	6	10	0	16	0	16
2022	Lie symmetries, invariant solutions and phenomena dynamics of Boiti-Leon-Pempinelli system	Tanwar D.V., Kumar M., Tiwari A.K.	318949	Physica Scripta	97	7	0	1	5	0	6	0	6
2022	Optimal Design of Wood/Rice Husk-waste-Filled PLA Biocomposites Using Integrated CRITIC–MABAC-Based Decision-Making Algorithm	Singh T., Pattnaik P., Aherwar A., Ranakoti L., Dogossy G., Lendvai L.	20734360	Polymers	14	13	0	2	3	0	5	0	5
2022	SCS-WoT: Secure Communication Scheme for Web of Things Deployment	Wazid M., Das A.K., Choo K.-K.R., Park Y.	23274662	IEEE Internet of Things Journal	9	13	0	3	9	1	13	0	13
2022	Synthesis and Characterization of Tetracycline Loaded Methionine-Coated NiFe2O4 Nanoparticles for Anticancer and Antibacterial Applications	Yeganeh F.E., Yeganeh A.E., Far B.F., Mansouri A., Sibuh B.Z., Krishnan S., Pandit S., Alsanie W.F., Thakur V.K., Gupta P.K.	20794991	Nanomaterials	12	13	0	0	6	0	6	0	6
2022	Remediation and detoxification of oil contaminated marine intertidal sites through lipopeptide assisted washing strategy: An experimental and kinetic validation approach	Ambust S., Das A.J., Paul S.K., Kumar R., Ghosh D.	0025326X	Marine Pollution Bulletin	180		0	0	3	2	5	0	5
2022	Secure Token–Key Implications in an Enterprise Multi-Tenancy Environment Using BGV–EHC Hybrid Homomorphic Encryption	Dhiman P., Henge S.K., Ramalingam R., Dumka A., Singh R., Gehlot A., Rashid M., Alshamrani S.S., Alghamdi A.S., Alshehri A.	20799292	Electronics (Switzerland)	11	13	0	1	3	0	4	0	4
2022	Repurposing chia seed oil: A versatile novel functional food	Tak Y., Kaur M., Kumar R., Gautam C., Singh P., Kaur H., Kaur A., Bhatia S., Jha N.K., Gupta P.K., Amarowicz R.	221147	Journal of Food Science	87	7	0	1	6	0	7	0	7
2022	Mining social media text for disaster resource management using a feature selection based on forest optimization	Bhoi A., Balabantaray R.C., Sahoo D., Dhiman G., Khare M., Narducci F., Kaur A.	3608352	Computers and Industrial Engineering	169		0	4	5	1	10	0	10
2022	Novel EPR-enhanced strategies for targeted drug delivery in pancreatic cancer: An update	Mohammadzadeh V., Rahiman N., Hosseinikhah S.M., Barani M., Rahdar A., Jaafari M.R., Sargazi S., Zirak M.R., Pandey S., Bhattacharjee R., Gupta A.K., Thakur V.K., Sibuh B.Z., Gupta P.K.	17732247	Journal of Drug Delivery Science and Technology	73		0	7	11	0	18	0	18
2022	Ensemble of weighted deep concatenated features for the skin disease classification model using modified long short term memory	Elashiri M.A., Rajesh A., Nath Pandey S., Kumar Shukla S., Urooj S., Lay-Ekuakille A.	17468094	Biomedical Signal Processing and Control	76		0	2	6	1	9	0	9
2022	Advances in designing of polymeric micelles for biomedical application in brain related diseases	Kaur J., Gulati M., Kapoor B., Jha N.K., Gupta P.K., Gupta G., Chellappan D.K., Devkota H.P., Prasher P., Ansari M.S., Aba Alkhayl F.F., Arshad M.F., Morris A., Choonara Y.E., Adams J., Dua K., Singh S.K.	92797	Chemico-Biological Interactions	361		0	2	10	2	14	0	14
2022	Secure blockchain enabled Cyber- Physical health systems using ensemble convolution neural network classification	Ramanan M., Singh L., Kumar A.S., Suresh A., Sampathkumar A., Jain V., Bacanin N.	457906	Computers and Electrical Engineering	101		0	4	24	0	28	0	28
2022	Identifying and prioritizing impediments of industry 4.0 to sustainable digital manufacturing: A mixed method approach	Verma P., Kumar V., Daim T., Sharma N.K., Mittal A.	9596526	Journal of Cleaner Production	356		0	5	34	8	47	0	47
2022	Simultaneous capturing of mixed contaminants from wastewater using novel one-pot chitosan functionalized with EDTA and graphene oxide adsorbent	Verma M., Kumar A., Lee I., Kumar V., Park J.-H., Kim H.	2697491	Environmental Pollution	304		0	6	17	3	26	0	26
2022	A novel CRITIC-TOPSIS approach for optimal selection of software reliability growth model (SRGM)	Saxena P., Kumar V., Ram M.	7488017	Quality and Reliability Engineering International	38	5	0	5	6	1	12	0	12
2022	Current status of Aloe-based nanoparticle fabrication, characterization and their application in some cutting-edge areas	Bachheti A., Bachheti R.K., Abate L., Husen A.	2546299	South African Journal of Botany	147		0	4	16	0	20	0	20
2022	Dynamic Simulation of Automotive Vehicle Suspension Using MATLAB Simulink	Palli S., Duppala A., Sharma R.C., Rao L.V.V.G.	9753060	International Journal of Vehicle Structures and Systems	14	3	0	0	1	0	1	0	1
2022	Re-modified quintic B-spline collocation method for the solution of Kuramoto–Sivashinsky type equations	Dhiman N., Tamsir M.	15736105	Multidiscipline Modeling in Materials and Structures	18	3	2	5	1	0	6	0	8
2022	Use of biomass-derived biochar in wastewater treatment and power production: A promising solution for a sustainable environment	Gupta M., Savla N., Pandit C., Pandit S., Gupta P.K., Pant M., Khilari S., Kumar Y., Agarwal D., Nair R.R., Thomas D., Thakur V.K.	489697	Science of the Total Environment	825		0	14	29	7	50	0	50
2022	Invoking blockchain technology in e-government services: a cybernetic perspective	Saxena S., Shao D., Nikiforova A., Thapliyal R.	23985038	Digital Policy, Regulation and Governance	24	3	0	2	7	1	10	0	10
2022	Role of metal nanomaterials in bioremediation of pesticides	Goswami R., Kamal B., Mishra A.		Pesticides Bioremediation			0	0	1	0	1	0	1
2022	The environmental implication and microbial remediation of pesticide pollution: A critical assessment of the concept, strategies, and future perspective	Kamal B., Goswami R., Mishra A.		Pesticides Bioremediation			0	0	1	0	1	0	1
2022	Microalgae: A promising tool for pesticide mitigation in wastewater	Rajput V., Jaiswal K.K., Kumar V., Vlaskin M.S., Nanda M., Kumar S., Verma M.		Pesticides Bioremediation			0	0	1	0	1	0	1
2022	Remedial Aspect of Zinc Oxide Nanoparticles Against Serratia Marcescens and Enterococcus Faecalis	Djearamane S., Loh Z.C., Lee J.J., Wong L.S., Rajamani R., Luque P.A., Gupta P.K., Liang S.X.T.	16639812	Frontiers in Pharmacology	13		0	3	3	2	8	0	8
2022	A network data analytic technique in a 5G-IoT-based smart healthcare system using machine learning	Gupta N., Sharma S., Juneja P., Garg U.		5G Internet of Things and Changing Standards for Computing and Electronic Systems			0	1	1	0	2	0	2

2022	Special issue on Advanced modeling for Systems Assurance Engineering	Ram M., Singh S.B., Yadav O.P., Kulczycki P.	9756809	International Journal of System Assurance Engineering and Management	13		0	0	0	0	0	0	0
2022	Novel Boundary Conditions for Investigation of Environmental Wind Profile Induced due to Raised Terrains and Their Influence on Pedestrian Winds	Jena S., Gairola A.	24621943	Journal of Advanced Research in Applied Sciences and Engineering Technology	27	1	0	3	4	0	7	0	7
2022	Air quality modeling for effective environmental management in Uttarakhand, India: A comparison of logistic regression and naive bayes	Pant A., Sharma S., Joshi R.C.	24763071	Journal of Air Pollution and Health	7	3	0	1	2	1	4	0	4
2022	Elucidating the lactic acid tolerance mechanism in vaginal clinical isolates of Candida glabrata	Gupta P., Gupta H., Kairamkonda M., Kumar N., Poluri K.M.	13693786	Medical Mycology	60	6	0	1	1	0	2	0	2
2022	USER'S INVOLVEMENT IN THE INFORMATION FLOW PARADIGM ON SOCIAL NETWORKING SITES DURING COVID-19: A STRUCTURAL EQUATION MODELLING APPROACH	Tyagi S., Gupta A., Bhatnagar A., Ansari N.	23957514	Journal of Content, Community and Communication	15	8	0	0	3	0	3	0	3
2022	SPATIOTEMPORAL DYNAMICAL ANALYSIS OF A PREDATOR-PREY SYSTEM WITH FEAR AND GROUP DEFENSE IN PREY	Shivam, Singh T., Kumar M.	2183390	Journal of Biological Systems	30	2	0	3	1	0	4	0	4
2022	Critical Review on Polylactic Acid: Properties, Structure, Processing, Biocomposites, and Nanocomposites	Ranakoti L., Gangil B., Mishra S.K., Singh T., Sharma S., Ilyas R.A., El-Khatib S.	19961944	Materials	15	12	0	3	39	6	48	0	48
2022	Scalable Semi-Supervised Clustering for Face Recognition with Insufficient Labelled Samples	Nish Chandran S., Durgaprasad Gangodkar	10546618	Pattern Recognition and Image Analysis	32	2	0	0	1	0	1	0	1
2022	Coexisting magnetic structures and spin reorientation in Er0.5 Dy0.5 FeO3: Bulk magnetization, neutron scattering, specific heat, and density functional theory studies	Rajput S., Balasubramanian P., Singh A., Damay F., Kumar C.M.N., Tabis W., Maitra T., Malik V.K.	24699950	Physical Review B	105	21	0	1	1	0	2	0	2
2022	Potential of Zinc Oxide Nanoparticles as an Anticancer Agent: A Review	Subramaniam H., Djearamane S., Tey L.H., Wong L.S., Gupta P.K., Janakiraman A.K.	23208694	Journal of Experimental Biology and Agricultural Sciences	10	3	0	0	2	0	2	0	2
2022	Poisonous Plants of the Indian Himalaya: An Overview	Jamloki A., Trivedi V.L., Nautiyal M.C., Semwal P., Cruz-Martins N.	22181989	Metabolites	12	6	0	1	1	1	3	0	3
2022	Thermal and Sliding Wear Properties of Wood Waste-Filled Poly(Lactic Acid) Biocomposites	Singh T., Patnaik A., Ranakoti L., Dogossy G., Lendvai L.	20734360	Polymers	14	11	0	1	6	0	7	0	7
2022	Niger Seed Oil-Based Biodiesel Production Using Transesterification Process: Experimental Investigation and Optimization for Higher Biodiesel Yield Using Box–Behnken Design and Artificial Intelligence Tools	Venkataramana S.H., Shivalingaiah K., Davanageri M.B., Selvan C.P., Lakshmikanthan A., Chandrashekarappa M.P.G., Razak A., Anand P.B., Linul E.	20763417	Applied Sciences (Switzerland)	12	12	0	2	3	0	5	0	5
2022	Sustainable Upcycling of Mushroom Farm Wastewater through Cultivation of Two Water Ferns (Azolla spp.) in Stagnant and Flowing Tank Reactors	Kumar P., Eid E.M., Taher M.A., El-Morsy M.H.E., Osman H.E.M., Al-Bakre D.A., Adelodun B., Abou Fayssal S., Andabaka Z., Goala M., Singh J., Kumari S., Arya A.K., Choi K.S., Kumar V., Siric I.	23117524	Horticulturae	8	6	0	1	6	2	9	0	9
2022	Molecular Docking and TLC Analysis of Candidate Compounds from Lesser used Medicinal Plants Against Diabetes Mellitus Targets	Batra B., Sudan S.S., Pant M., Pant K., Lal A., Gusain T.	19956673	Jordan Journal of Biological Sciences	15	2	0	0	0	0	0	0	0
2022	An efficient quantum based D2D computation and communication approach for the Internet of Things	Mekala M.S., Srivastava G., Lin J.C.-W., Dhiman G., Park J.H., Jung H.-Y.	3068919	Optical and Quantum Electronics	54	6	0	2	1	1	4	0	4
2022	Performance enhancement of the photovoltaic system with different cooling methods	Tiwari S., Swaminathan M., Santhosh Eashwar S., Harender, Singh D.B.	9441344	Environmental Science and Pollution Research	29	30	0	0	3	0	3	0	3
2022	Multi-dimensional perspectives on electric vehicles design: A mind map approach	Gupta A., Kumar H.	26667908	Cleaner Engineering and Technology	8		0	1	7	1	9	0	9
2022	Exploring the green waste management problem in food supply chains: A circular economy context	Kharola S., Ram M., Kumar Mangla S., Goyal N., Nautiyal O.P., Pant D., Kazancoglu Y.	9596526	Journal of Cleaner Production	351		0	12	16	1	29	0	29
2022	Review on performance assessment of solar stills using computational fluid dynamics (CFD)	Purnachandrakumar D., Mittal G., Sharma R.K., Singh D.B., Tiwari S., Sinhmar H.	9441344	Environmental Science and Pollution Research	29	26	0	4	8	1	13	0	13
2022	Numerical optimization of microwave treatment and impact of storage period on bioactive components of cumin, black pepper and mustard oil incorporated coriander leave paste	Kumar S., Jain I., Khare A., Kumar V., Singh S., Gautam P., Upadhyay S., Anand J., Singh A., Goswami U.	21934126	Journal of Food Measurement and Characterization	16	3	0	1	3	0	4	0	4
2022	Stochastic hybrid energy system modelling with component failure and repair	Tyagi S., Goyal N., Kumar A., Ram M.	9756809	International Journal of System Assurance Engineering and Management	13		1	1	1	0	2	0	3
2022	Modeling of texture quantification and image classification for change prediction due to COVID lockdown using Skysat and Planetscope imagery	Shakya A.K., Ramola A., Vidyarthi A.	23636203	Modeling Earth Systems and Environment	8	2	0	4	8	1	13	0	13
2022	Soil moisture estimation using triangular method at higher resolution from MODIS products	Rawat K.S., Sehgal V.K., Singh S.K., Ray S.S.	14747065	Physics and Chemistry of the Earth	126		1	4	3	1	8	0	9
2022	Building supply chain resilience in the era of COVID-19: An AHP-DEMATEL approach	Das D., Datta A., Kumar P., Kazancoglu Y., Ram M.	19369735	Operations Management Research	15	1-2	0	9	30	1	40	0	40
2022	DEVELOPMENT OF A GOOGLE EARTH ENGINE BASED APPLICATION TO MONITOR THE SEASONAL WATER SPREAD AREA OF RIVER GANGA	Tripathi R.N., Ramachandran A., Hussain S.A., Tripathi V., Badola R.	16821750	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	43	3-2022	0	0	0	0	0	0	0
2022	Analysing the impact of sustainable human resource management practices and industry 4.0 technologies adoption on employability skills	Sharma M., Luthra S., Joshi S., Kumar A.	1437720	International Journal of Manpower	43	2	0	4	24	1	29	0	29

2022	Advances in bionic approaches for agriculture and forestry development	Parkash V., Chauhan A., Gaur A., Rai N.		The Digital Agricultural Revolution: Innovations and Challenges in Agriculture through Technology Disruptions			0	0	0	0	0	0	0
2022	Recent advances and viability in sustainable thermochemical conversion of sludge to bio-fuel production	Gururani P., Bhatnagar P., Bisht B., Jaiswal K.K., Kumar V., Kumar S., Vlaskin M.S., Grigorenko A.V., Rindin K.G.	162361	Fuel	316		0	9	20	1	30	0	30
2022	Anti-inflammatory and anti-bacterial activity of Gymnosporia montana (ROTH) Benth	Amit G., Sandip S., Sunil S.S., Palekar Shrikant S., Hitendra S., Vijay K.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	3	0	0	0	0	0	0	0
2022	Utilization of waste dolomite dust in carbon fiber reinforced vinylester composites	Gangil B., Ranakoti L., Verma S.K., Singh T.	22387854	Journal of Materials Research and Technology	18		0	2	3	0	5	0	5
2022	Maintaining hygiene and sanitation in food handlings areas of hotels amid covid-19 outbreak	Sunil L., Ashish D., Archana D., Pandey R.C.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	3	0	1	0	0	1	0	1
2022	Exploring the antioxidant and anti-inflammatory potential of Cucumis sativus and Citrus sinensis	Amit G., Vaishali K., Abhilasha K., Vijay K.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	3	0	0	1	0	1	0	1
2022	Formulation and characterization of amlodipine loaded in-situ film forming hydrogen for dermal drug delivery	Dobhal N., Bhatt J., Joshi B.C.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	3	0	1	0	0	1	0	1
2022	Urge to implement IOT for monitoring and preventing blood bank system crisis	Pargaien A.V., Pargaien S., Chilwal B., Joshi H., Tripathi N., Kedar M.S., Prakash R.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	3	0	0	1	0	1	0	1
2022	Hopf-Bifurcation and Pattern Selections in a Three Trophic Level Food Web System	Shivam, Singh T., Kumar M.	2181274	International Journal of Bifurcation and Chaos	32	6	0	2	0	0	2	0	2
2022	An investigation on effect of variation of mass flow rate and number of collectors on yearly efficiency of single slope solar still by incorporating N similar photovoltaic thermal flat plate collectors	Singh V., Kumar R., Sharma R.K., Singh S.P., Sinhmar H., Singh D.B.	16069749	Water Supply	22	5	0	0	4	1	5	0	5
2022	Neuroinflammatory Markers: Key Indicators in the Pathology of Neurodegenerative Diseases	Rauf A., Badoni H., Abu-Izneid T., Olatunde A., Rahman M.M., Painuli S., Semwal P., Wilairatana P., Mubarak M.S.	14203049	Molecules	27	10	0	18	36	8	62	0	62
2022	Optimization and Storage Study of Rabri Enriched with Date Syrup and Makhana	Saxena D., Hussain I., Singh S., Kumar S., Garg N.	27740226	Trends in Sciences	19	9	0	0	2	0	2	0	2
2022	Exploiting performance analysis of redundant system (K M+1S): İncorporating fault coverage and reboot delay	Goyal N., Ram M.	28047303	RAIRO - Operations Research	56	3	0	1	0	0	1	0	1
2022	Spatial Assessment of Potentially Toxic Elements (PTE) Concentration in Agaricus bisporus Mushroom Collected from Local Vegetable Markets of Uttarakhand State, India	Kumar P., Kumar V., Eid E.M., Al-Huqail A.A., Adelodun B., Abou Fayssal S., Goala M., Arya A.K., Bachheti A., Andabaka Z., Choi K.S., Siric I.	2309608X	Journal of Fungi	8	5	0	5	13	2	20	0	20
2022	A Figure of Merit for Selection of the Best Family of SiC Power MOSFETs	Chaturvedi M., Dimitrijev S., Haasmann D., Moghadam H.A., Pande P., Jadli U.	20799292	Electronics (Switzerland)	11	9	0	2	3	0	5	0	5
2022	Hybrid Spatiotemporal Contrastive Representation Learning for Content-Based Surgical Video Retrieval	Kumar V., Tripathi V., Pant B., Alshamrani S.S., Dumka A., Gehlot A., Singh R., Rashid M., Alshehri A., Alghamdi A.S.	20799292	Electronics (Switzerland)	11	9	0	8	1	0	9	0	9
2022	Biodegradation of bisphenol A using psychrotolerant bacterial strain Pseudomonas palleroniana GBPI_508	Thathola P., Agnihotri V., Pandey A., Upadhyay S.K.	3028933	Archives of Microbiology	204	5	0	1	6	0	7	0	7
2022	iTSA: an improved Tunicate Swarm Algorithm for defensive resource assignment problem	Yadav K., Alshudukhi J.S., Dhiman G., Viriyasitavat W.	14327643	Soft Computing	26	10	0	1	1	0	2	0	2
2022	Exploring the journey of emodin as a potential neuroprotective agent: Novel therapeutic insights with molecular mechanism of action	Mitra S., Anjum J., Muni M., Das R., Rauf A., Islam F., Bin Emran T., Semwal P., Hemeg H.A., Alhumaydhi F.A., Wilairatana P.	7533322	Biomedicine and Pharmacotherapy	149		0	24	22	2	48	0	48
2022	RFDCS: A reactive fault detection and classification scheme for clustered wsns	Choudhary A., Kumar S., Sharma K.P.	19366442	Peer-to-Peer Networking and Applications	15	3	0	0	2	0	2	0	2
2022	Cloud security based attack detection using transductive learning integrated with Hidden Markov Model	Aoudni Y., Donald C., Farouk A., Sahay K.B., Babu D.V., Tripathi V., Dhabliya D.	1678655	Pattern Recognition Letters	157		0	18	25	6	49	0	49
2022	An effective hybrid deep learning with adaptive search and rescue for brain tumor detection	Santhosh Kumar H.S., Karibasappa K.	13807501	Multimedia Tools and Applications	81	13	0	0	2	0	2	0	2
2022	Bio-flocculation of oleaginous microalgae integrated with municipal wastewater treatment and its hydrothermal liquefaction for biofuel production	Jaiswal K.K., Kumar V., Gururani P., Vlaskin M.S., Parveen A., Nanda M., Kurbatova A., Gautam P., Grigorenko A.V.	23521864	Environmental Technology and Innovation	26		0	5	13	2	20	0	20
2022	Optimal management of vehicle-to-grid and grid-to-vehicle strategies for load profile improvement in distribution system	Das S., Thakur P., Singh A.K., Singh S.N.	2352152X	Journal of Energy Storage	49		0	10	4	0	14	0	14
2022	The impact of environmental dynamism on low-carbon practices and digital supply chain networks to enhance sustainable performance: An empirical analysis	Sharma M., Kumar A., Luthra S., Joshi S., Upadhyay A.	9644733	Business Strategy and the Environment	31	4	0	9	34	9	52	0	52
2022	Extension in the approaches to treat cancer through siRNA system: a beacon of hope in cancer therapy	Rautela I., Sharma A., Dheer P., Thapliyal P., Sahni S., Sinha V.B., Sharma M.D.	2190393X	Drug Delivery and Translational Research	12	5	1	0	3	1	4	0	5
2022	Risk assessment for sustainability in e-waste recycling in circular economy	Kazancoglu Y., Ozkan-Ozen Y.D., Mangla S.K., Ram M.	1618954X	Clean Technologies and Environmental Policy	24	4	4	4	14	1	19	0	23
2022	Himalayan Peony (Paeonia emodi Royle): Enlightening bioactive compounds and biological applications towards sustainable use	Semwal P., Painuli S., Cruz-Martins N., Thapliyal A.		Biomolecules from Natural Sources: Advances and Applications			0	0	0	0	0	0	0

2022	Influence of Dietary Molecules on Human Health: Whey Proteins	Rashmi K., Gupta M., Tarapdar S., Duggal M., Tyagi S., Kaur H., Vyas P., Gupta A.	9743618	Research Journal of Pharmacy and Technology	15	4	0	0	0	0	0	0	0
2022	Time Domain Implementation of Consistent Boundaries for Continuum Two-Dimensional Wave Propagation Problems Using ABAQUS User-Defined Elements	Rama Raju Patchamatla J., Emani P.K.	24557749	International Journal of Mathematical, Engineering and Management Sciences	7	2	0	0	0	0	0	0	0
2022	ACM-SH: An Efficient Access Control and Key Establishment Mechanism for Sustainable Smart Healthcare	Thapliyal S., Wazid M., Singh D.P., Das A.K., Alhomoud A., Alharbi A.R., Kumar H.	20711050	Sustainability (Switzerland)	14	8	0	0	4	1	5	0	5
2022	Learning Unsupervised Visual Representations using 3D Convolutional Autoencoder with Temporal Contrastive Modeling for Video Retrieval	Kumar V., Tripathi V., Pant B.	24557749	International Journal of Mathematical, Engineering and Management Sciences	7	2	0	6	1	0	7	0	7
2022	A Pragmatic Ensemble Strategy for Missing Values Imputation in Health Records	Batra S., Khurana R., Khan M.Z., Boulila W., Koubaa A., Srivastava P.	10994300	Entropy	24	4	0	3	15	0	18	0	18
2022	An Optimization-Based Diabetes Prediction Model Using CNN and Bi-Directional LSTM in Real-Time Environment	Madan P., Singh V., Chaudhari V., Albagory Y., Dumka A., Singh R., Gehlot A., Rashid M., Alshamrani S.S., Alghamdi A.S.	20763417	Applied Sciences (Switzerland)	12	8	0	9	22	0	31	0	31
2022	Consistency Indices in Analytic Hierarchy Process: A Review	Pant S., Kumar A., Ram M., Klochkov Y., Sharma H.K.	22277390	Mathematics	10	8	0	9	39	3	51	0	51
2022	EMVD: Efficient Multitype Vehicle Detection Algorithm Using Deep Learning Approach in Vehicular Communication Network for Radio Resource Management	Agarwal V., Sharma S.	20749082	International Journal of Image, Graphics and Signal Processing	14	2	0	0	4	0	4	0	4
2022	Recent Advances in Green Synthesis, Characterization, and Applications of Bioactive Metallic Nanoparticles	Begum S.J.P., Pratibha S., Rawat J.M., Venugopal D., Sahu P., Gowda A., Qureshi K.A., Jaremko M.	14248247	Pharmaceuticals	15	4	0	12	26	3	41	0	41
2022	A Hybrid Deep Learning Approach for ECG-Based Arrhythmia Classification	Madan P., Singh V., Singh D.P., Diwakar M., Pant B., Kishor A.	23065354	Bioengineering	9	4	0	7	21	5	33	0	33
2022	Understanding the flash flood event of 7th February 2021 in Rishi Ganga basin, Central Himalaya using remote sensing technique	Singh R., Aryan V., Joshi M.	23529385	Remote Sensing Applications: Society and Environment	26		0	0	3	3	6	0	6
2022	Effect of Marble Dust on the Mechanical, Morphological, and Wear Performance of Basalt Fibre-Reinforced Epoxy Composites for Structural Applications	Rajawat A.S., Singh S., Gangil B., Ranakoti L., Sharma S., Asyraf M.R.M., Razman M.R.	20734360	Polymers	14	7	0	10	19	2	31	0	31
2022	Detecting IoT attacks Using an Ensemble Machine Learning Model	Tomer V., Sharma S.	19995903	Future Internet	14	4	0	4	10	0	14	0	14
2022	A homomorphic non-subsampled contourlet transform based ultrasound image despeckling by novel thresholding function and self-organizing map	Singh P., Diwakar M., Singh S., Kumar S., Tripathi A., Shankar A.	2085216	Biocybernetics and Biomedical Engineering	42	2	0	0	4	0	4	0	4
2022	A holistic survey on the use of emerging technologies to provision secure healthcare solutions	Jagatheesaperumal S.K., Mishra P., Moustafa N., Chauhan R.	457906	Computers and Electrical Engineering	99		0	3	5	2	10	0	10
2022	Mechanical, fracture toughness, and fatigue behavior of spinifex littoreus fiber on echinoidea-spike toughened epoxy composite	Senthil Kumar S., Anil Kumar T.C.H., Chokkalingam M., Kaliappan S., Boopathi S., Srinivas C., Patil P.P.	2728397	Polymer Composites	43	4	0	4	6	0	10	0	10
2022	Retrieval of Surface Roughness Over Cropped Area using Modified Water Cloud Model (MWCM), Oh Model and SAR Data	Rawat K.S., Singh S.K.	0255660X	Journal of the Indian Society of Remote Sensing	50	4	0	0	4	0	4	0	4
2022	Blockchain-enabled secure communication mechanism for IoT-driven personal health records	Wazid M., Das A.K., Park Y.	21613915	Transactions on Emerging Telecommunications Technologies	33	4	0	1	5	0	6	0	6
2022	Mobile Phone Based Lecture Video Capturing & Streaming Technique for Efficient Bandwidth Utilization	Parsola J., Gangodkar D., Mittal A.	9296212	Wireless Personal Communications	123	3	0	0	0	0	0	0	0
2022	A Framework for Data Prediction and Forecasting in WSN with Auto ARIMA	Choudhary A., Kumar S., Sharma M., Sharma K.P.	9296212	Wireless Personal Communications	123	3	0	1	0	0	1	0	1
2022	Secure video communication using firefly optimization and visual cryptography	Kumar M., Aggarwal J., Rani A., Stephan T., Shankar A., Mirjalili S.	2692821	Artificial Intelligence Review	55	4	0	8	22	0	30	0	30
2022	Effect of process parameters on the diesel engine performance fuelled with Prosopis juliflora biodiesel response surface methodology approach	Sharma A., Tyagi A., Singh Y., Singh N.K., Pandey N.K.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	236	2	0	0	2	0	2	0	2
2022	Mathematical modelling of embedded systems under network failures	Goyal N., Roy V.K., Ram M.	9756809	International Journal of System Assurance Engineering and Management	13	2	0	1	1	0	2	0	2
2022	Tribo-mechanism analysis of epoxidized Putranjiva oil (Putranjiva roxburghii) and understanding lubricity with silicon oxide nanoparticle addition	Singh Y., Singh N.K., Sharma A., Badhotiya G.K.	13506501	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	236	4	0	0	1	0	1	0	1
2022	Comparative Analysis of Different Figures of Merit for AlGaN/GaN and Si Surrounding-Gate Field Effect Transistors (SG-FETs)	Verma Y.K., Mishra V., Adhikari M.S., Buddhi D., Gupta S.K.	1876990X	Silicon	14	6	0	0	1	0	1	0	1
2022	A SiGe-Source Doping-Less Double-Gate Tunnel FET: Design and Analysis Based on Charge Plasma Technique with Enhanced Performance	Mishra V., Verma Y.K., Gupta S.K., Rathi V.	1876990X	Silicon	14	5	0	3	11	0	14	0	14
2022	Combustion analysis of biodiesel-powered propeller engine for least environmental concerns in aviation industry	Balaji V., Kaliappan S., Madhuvanesan D.M., Ezhumalai D.S., Boopathi S., Patil Pravin P., Mani S.	17488842	Aircraft Engineering and Aerospace Technology	94	5	0	19	16	0	35	0	35
2022	Microwave-assisted polycrystalline Ag/AgO/AgCl nanocomposites synthesis using banana corm (rhizome of Musa sp.) extract: Characterization and antimicrobial studies	Jaiswal K.K., Banerjee I., Dutta S., Verma R., Gunti L., Awasthi S., Bhushan M., Kumar V., Alajmi M.F., Hussain A.	1226086X	Journal of Industrial and Engineering Chemistry	107		0	3	7	0	10	0	10
2022	A novel hybrid parameter estimation technique of solar PV	Rawat N., Thakur P., Singh A.K.	0363907X	International Journal of Energy Research	46	4	0	0	3	0	3	0	3

2022	Enhanced photocatalytic activity of St-ZnO nanorods for methylene blue dye degradation	Bharathi D., Thiruvengadam Nandagopal J.G., Rajamani R., Pandit S., Kumar D., Pant B., Pandey S., Kumar Gupta P.	0167577X	Materials Letters	311		0	5	19	2	26	0	26
2022	Applications of lignin nanoparticles for cancer drug delivery: An update	Garg J., Nee Chiu M., Krishnan S., Kumar Tripathi L., Pandit S., Farasati Far B., Kumar Jha N., Kumar Kesari K., Tripathi V., Pandey S., Kumar Gupta P.	0167577X	Materials Letters	311		0	8	14	0	22	0	22
2022	A retrospective overview of Journal of Enterprise Information Management using bibliometric analysis	Donthu N., Kumar Badhotiya G., Kumar S., Soni G., Pandey N.	17410398	Journal of Enterprise Information Management	35	2	0	2	4	0	6	0	6
2022	The role of IOT in transforming community pharmacy	Pargaien A.V., Pargaien S., Kumar T., Joshi H., Mann M., Nawaz A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	1	1	0	2	0	2
2022	A review on change control: A critical process of the pharmaceutical industry	Pandey K., Paliwal S., Joshi H., Bisht N., Kumar N.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	0	1	0	1	0	1
2022	Role of Pranayma in emotional maturity for improving health	Joshi K., Patil S., Gupta S., Khanna R.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	0	0	0	0	0	0
2022	Qualitative and quantitative enumeration of Coliform bacteria in song river water in rural area of Dehradun	Rakesh P., Samiksha K., Harmanpreet K., Mansi R., Vijay K., Amit G.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	1	1	0	2	0	2
2022	Review of critically endangered medicinal plant Swertia chirayita for developing conservation strategies	Singh N., Sharma N., Sharma P., Bhawana, Agarwal B.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	0	0	0	0	0	0
2022	Carbon nanofiber-polyelectrolyte triggered piezoelectric polymer-based hydrophilic nanocomposite for high sensing voltage generation	Panwar L.S., Panwar V., Anoop G., Park S.	22387854	Journal of Materials Research and Technology	17		0	1	2	0	3	0	3
2022	An efficient algorithm to clip a 2D-polygon against a rectangular clip window	Dimri S.C., Tiwari U.K., Ram M.	10051031	Applied Mathematics	37	1	0	1	2	0	3	0	3
2022	Lie Symmetries and Dynamical Behavior of Soliton Solutions of KP-BBM Equation	Tanwar D.V., Ray A.K., Chauhan A.	15755460	Qualitative Theory of Dynamical Systems	21	1	0	2	5	0	7	0	7
2022	Industrial IoT and AI implementation in vehicular logistics and supply chain management for vehicle mediated transportation systems	Bhargava A., Bhargava D., Kumar P.N., Sajja G.S., Ray S.	9756809	International Journal of System Assurance Engineering and Management	13		0	8	14	1	23	0	23
2022	An analysis of operational behavioural factors and circular economy practices in SMEs: An emerging economy perspective	Luthra S., Kumar A., Sharma M., Arturo Garza-Reyes J., Kumar V.	1482963	Journal of Business Research	141		0	10	13	4	27	0	27
2022	Electronic-ionic polymer composite for high output voltage generation	Panwar V., Panwar L.S., Anoop G., Park S.	13598368	Composites Part B: Engineering	232		0	2	3	0	5	0	5
2022	Denoising of ECG signals using weighted stationary wavelet total variation	Madan P., Singh V., Singh D.P., Diwakar M., Kishor A.	17468094	Biomedical Signal Processing and Control	73		0	3	10	2	15	0	15
2022	Regional-scale landslide susceptibility assessment for the hilly state of Uttarakhand, NW Himalaya, India	Gupta V., Kumar S., Kaur R., Tandon R.S.	23474327	Journal of Earth System Science	131	1	0	3	4	1	8	0	8
2022	Big Data Knowledge Discovery as a Service: Recent Trends and Challenges	Singh N., Singh D.P., Pant B.	9296212	Wireless Personal Communications	123	2	0	0	0	0	0	0	0
2022	A Novel RF Energy Harvester for Event-Based Environmental Monitoring in Wireless Sensor Networks	Verma G., Sharma V.	23274662	IEEE Internet of Things Journal	9	5	0	2	11	0	13	0	13
2022	Guest editorial: Recent communications in system reliability, quality and supply chain management	Ram M., Madu C.N., Xing L., Dohi T.	0265671X	International Journal of Quality and Reliability Management	39	3	0	0	2	0	2	0	2
2022	Analysis of signature reliability of ring-shaped network system	Ram M., Tyagi S., Kumar A., Goyal N.	0265671X	International Journal of Quality and Reliability Management	39	3	0	2	2	0	4	0	4
2022	Analyzing barriers for the adoption of circular economy in the manufacturing sector	Badhotiya G.K., Avikal S., Soni G., Sengar N.	17410401	International Journal of Productivity and Performance Management	71	3	1	5	12	2	19	0	20
2022	Swarm intelligence: Foundation, principles, and engineering applications	Sharma A., Sharma A., Pandey J.K., Ram M.		Swarm Intelligence: Foundation, Principles, and Engineering Applications			0	6	11	0	17	0	17
2022	Structural, electronic and magnetic properties of weakly correlated metal Sr2CrTiO6: A first principles study	Dhawan R., Balasubramanian P., Nautiyal T.	9538984	Journal of Physics Condensed Matter	34	5	0	0	1	0	1	0	1
2022	Effect of the variation of a mass-flow-rate and a number of collectors on the performance of an active solar still	Kumar D., Sharma R.K., Singh D.B.	19443994	Desalination and Water Treatment	248		0	2	2	0	4	0	4
2022	Reliability Evaluation and Cost Optimization of Solar Road Studs	Ram M., Bhandari A.S., Kumar A.	2185393	International Journal of Reliability, Quality and Safety Engineering	29	1	0	0	3	0	3	0	3
2022	Latest Expansions in Lipid Enhancement of Microalgae for Biodiesel Production: An Update	Rawat J., Gupta P.K., Pandit S., Priya K., Agarwal D., Pant M., Thakur V.K., Pande V.	19961073	Energies	15	4	0	6	5	2	13	0	13
2022	Parameter Extraction of Solar Module Using the Sooty Tern Optimization Algorithm	Singh A., Sharma A., Rajput S., Mondal A.K., Bose A., Ram M.	20799292	Electronics (Switzerland)	11	4	0	8	13	1	22	0	22
2022	Assessing Effectiveness of Humanitarian Activities against COVID-19 Disruption: The Role of Blockchain-Enabled Digital Humanitarian Network (BT-DHN)	Joshi S., Sharma M., Das R.P., Muduli K., Raut R., Narkhede B.E., Shee H., Misra A.	20711050	Sustainability (Switzerland)	14	3	0	8	9	0	17	0	17
2022	Combined Use of Sewage Sludge and Plant Growth-Promoting Rhizobia Improves Germination, Biochemical Response and Yield of Ridge Gourd (Luffa acutangula (L.) Roxb.) under Field Conditions	Kumar V., Eid E.M., Al-Bakre D.A., Abdallah S.M., Siric I., Andabaka Z., Kumar P., Goala M., Adelodun B., Singh J., Kumari S., Bachheti A., Arya A.K., Choi K.-S.	20770472	Agriculture (Switzerland)	12	2	0	2	1	0	3	0	3
2022	Assessment of factors affecting implementation of IoT based smart skin monitoring systems	Johri A., Bhadula S., Sharma S., Shankar Shukla A.	0160791X	Technology in Society	68		0	3	8	0	11	0	11

2022	Evaluation of long-term nitrate and electrical conductivity in groundwater system of Peninsula, India	Mahanta A.R., Rawat K.S., Singh S.K., Sanjeevi S., Mishra A.K.	21905487	Applied Water Science	12	2	0	0	7	0	7	0	7
2022	Sustainable Use of Sewage Sludge as a Casing Material for Button Mushroom (Agaricus bisporus) Cultivation: Experimental and Prediction Modeling Studies for Uptake of Metal Elements	Kumar P., Kumar V., Adelodun B., Bedekovic D., Kos I., Siric I., Alamri S.A.M., Alrumman S.A., Eid E.M., Abou Fayssal S., Goala M., Arya A.K., Bachheti A., Choi K.S., Ajibade F.O., Silva L.F.O.	2309608X	Journal of Fungi	8	2	0	12	9	1	22	0	22
2022	Evaluation of Decontamination Efficacy of Electrolytically Generated Hypochlorous Acid for the Vesicating Agent: A Multimodel Study	Sharma A.K., Shukla S.K., Kalonia A., Shaw P., Khanna K., Yashavarddhan M.H., Gupta R., Bhatnagar A.	13892010	Current Pharmaceutical Biotechnology	23	2	0	0	0	0	0	0	0
2022	Optimization of pullulanase production by Aspergillus flavus under solid-state fermentation	Naik B., Goyal S.K., Tripathi A.D., Kumar V.	2589014X	Bioresource Technology Reports	17		0	2	5	1	8	0	8
2022	Physicochemical properties, nutritional and sensory quality of low-fat Ashwagandha and Giloy-fortified sponge cakes during storage	Kumar S., Krishali V., Purohit P., Saini I., Kumar V., Singh S., Upadhyay S., Joshi H.C., Wilson I., Singh Tomar M.	1458892	Journal of Food Processing and Preservation	46	2	0	2	3	2	7	0	7
2022	BUAKA-CS: Blockchain-enabled user authentication and key agreement scheme for crowdsourcing system	Wazid M., Das A.K., Hussain R., Kumar N., Roy S.	13837621	Journal of Systems Architecture	123		0	5	5	1	11	0	11
2022	Actinobacteria-enhanced plant growth, nutrient acquisition, and crop protection: Advances in soil, plant, and microbial multifactorial interactions	MITRA D., MONDAL R., KHOSHRU B., SENAPATI A., RADHA T.K., MAHAKUR B., UNIYAL N., MYO E.M., BOUTAJ H., SIERRA B.E.G., PANNEERSELVAM P., GANESHAMURTHY A.N., ELKOVIC S.A., VASIC T., RANI A., DUTTA S., MOHAPATRA P.K.D.	10020160	Pedosphere	32	1	0	15	19	2	36	0	36
2022	Aptameric nanobiosensors for the diagnosis of COVID-19: An update	Krishnan S., Kumar Narasimhan A., Gangodkar D., Dhanasekaran S., Kumar Jha N., Dua K., Thakur V.K., Kumar Gupta P.	0167577X	Materials Letters	308		1	3	1	1	5	0	6
2022	Impact of aquatic microplastics and nanoplastics pollution on ecological systems and sustainable remediation strategies of biodegradation and photodegradation	Jaiswal K.K., Dutta S., Banerjee I., Pohrmen C.B., Singh R.K., Das H.T., Dubey S., Kumar V.	489697	Science of the Total Environment	806		0	11	26	1	38	0	38
2022	Effect of filter media and hydraulic retention time on the performance of vertical constructed wetland system treating dairy farm wastewater	Minakshi D., Sharma P.K., Rani A.	12261025	Environmental Engineering Research	27	1	1	3	11	2	16	0	17
2022	Effect of fuel injection pressure and EGR techniques on various engine performance and emission characteristics on a CRDI diesel engine when run with linseed oil methyl ester	Kumar M., Singh V.K., Sharma A., Ansari N.A., Gautam R., Singh Y.	0958305X	Energy and Environment	33	1	1	1	7	0	8	0	9
2022	Insight into papermaking characteristics of D0EPD1-bleached soda, soda-AQ and kraft pulps of citronella grass (Cymbopogon winterianus Jowitt)	Sharma N., Godiyal R.D., Bhawana, Thapliyal B.P., Anupam K.	21906815	Biomass Conversion and Biorefinery	12	2	1	5	2	0	7	0	8
2022	Predictive analytics in IT Service Management (ITSM)	Sharon Christa I.L., Suma V.		Data Mining and Machine Learning Applications			0	0	0	0	0	0	0
2022	Synthesis and characterization of biocompatible bimetallic-semi-aromatic polyester hybrid nanocomposite	Kumar R., Gupta P.K., Pandit S., Jha N.K., Ruokolainen J., Kesari K.K., Patil P.P., Narayanan S.S.	9277757	Colloids and Surfaces A: Physicochemical and Engineering Aspects	633		0	1	3	0	4	0	4
2022	Development of conductive thin films as piezoresistive strain sensor	Prasad B., Alarifi I.M., Gill F.S., Rathi V., Panwar V.	2540584	Materials Chemistry and Physics	276		0	1	2	1	4	0	4
2022	Enhanced sensing and electrical performance of hierarchical porous ionic polymer-metal nanocomposite via minimizing cracks in electrode	Panwar V., Anoop G., Gaur S.S., Park S.	219797	Journal of Colloid and Interface Science	606		0	2	1	0	3	0	3
2022	Online education in Covid-19: Limitations and improvements	Jindal M., Bajal E., Singh P., Diwakar M., Arya C., Sharma K.		2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2021			0	4	1	0	5	0	5
2022	A Review of Neural Machine Translation based on Deep learning techniques	Sharma S., Diwakar M., Singh P., Tripathi A., Arya C., Singh S.		2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2021			0	5	3	0	8	0	8
2022	Emotion Analysis for predicting the emotion labels using Machine Learning approaches	Sharma T., Diwakar M., Singh P., Lamba S., Kumar P., Joshi K.		2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2021			0	6	5	0	11	0	11
2022	A Non-conventional Review on Image Fusion Techniques	Singh P., Diwakar M., Chakraborty A., Jindal M., Tripathi A., Bajal E.		2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2021			0	2	1	0	3	0	3
2022	A review on EEG based Emotion Analysis using Machine Learning approaches	Sharma T., Diwakar M., Singh P., Arya C., Lamba S., Kumar P.		2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2021			0	0	0	0	0	0	0
2022	A review on multiple facets of Indian Road safety-classification, challenges and future scope	Jindal M., Bajal E., Singh P., Diwakar M., Kumar P., Singh S.		2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2021			0	0	1	0	1	0	1

2022	Simulation of Pilot Behavior in Air to Ground Combat using Deep Reinforcement Learning	Singh Y.P., Singh P., Tripathi H., Diwakar M.		2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2021			0	0	0	0	0	0	0
2022	Deploying Jenkins, Ansible and Kubernetes to Automate Continuous Integration and Continuous Deployment Pipeline	Singh N., Singh A., Rawat V.		2022 IEEE International Conference on Service Operations and Logistics, and Informatics, SOLI 2022			0	0	1	0	1	0	1
2022	Potential health benefits of millets as dietary supplement for diabetics	Singh N., Nainwal P., Dhyani A., Lall S., Kumar S.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	0	0	0	0	0
2022	An overview of nanoemulgel as a nanocarrier drug delivery	Paliwal S., Pandey K., Joshi H., Kaur G., Akbar N.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	0	0	0	0	0
2022	A study on natural immunity booster plants for human health	Dhyani A., Gupta S., Kala P., Singh N., Dhyani A., Kumar V.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	0	0	0	0	0
2022	Public behavioural design for corona health care professionals during covid-19	Nainwal P., Lall S., Bhatt J., Dobhal N., Nawaz A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	0	0	0	0	0
2022	Medication non-adherence in hypertensive patients understanding the mire	Lall S., Nainwal P., Nawaz A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	0	0	0	0	0
2022	Formulation and evaluation of antifungal hair gel containing hydroalcoholic extract of fagonia schweinfurthii hadidi	Puri D., Gaur P.K., Singh A.P., Singh M., Yasir M., Kumar S.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	0	0	0	0	0
2022	Classification of Respiratory Diseases with Respiratory Sounds with Deep Learning Algorithm	Majumdar N.K., Christa S., Manek A.S., Sajeev S.		2022 IEEE International Conference for Women in Innovation, Technology and Entrepreneurship, ICWITE 2022 - Proceedings			0	0	0	0	0	0	0
2022	Stem Cell Applications in Cardiac Tissue Regeneration	Sharma V., Dash S.K., Gupta P.K., Zipporah B.E., Haider K.H., Govarthanan K.		Handbook of Stem Cell Therapy: Volume 1			0	0	0	0	0	0	0
2022	Molecular Signature of Stem Cells Undergoing Cardiomyogenic Differentiation	Govarthanan K., Gupta P.K., Zipporah B.E., Sharma V., Rajasundari M., Haider K.H.		Handbook of Stem Cell Therapy: Volume 1			0	0	0	0	0	0	0
2022	An investigation of videos for abnormal behavior detection	Patwal A., Diwakar M., Tripathi V., Singh P.	18770509	Procedia Computer Science	218		0	0	2	0	2	0	2
2022	Integrating Blockchain with Education: Proposed Model, Prospects and Challenges	Dangi S., Aggarwal A., Rastogi P.		Transformations Through Blockchain Technology: The New Digital Revolution			0	0	1	0	1	0	1
2022	Blockchain and Smart Contracts for Insurance Industry	Malhotra R.K., Gupta C., Jindal P.		Blockchain Technology in Corporate Governance: Transforming Business and Industries			0	0	1	0	1	0	1
2022	Wireless Body Area Network: Communication Standards and Radio Technologies employed	Gudnavar A., Naregal K., Patil B.		2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022			0	0	1	0	1	0	1
2022	Physiochemical characterization of silver nanoparticles using rhizome extract of Alpinia galanga and its antimicrobial activity	Nainwal P., Lall S., Nawaz A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	0	0	0	0	0
2022	Fatigue Analysis of FRP Laminate Composites	Johri N., Kandpal B.C.	25225022	Lecture Notes on Multidisciplinary Industrial Engineering	41		0	0	1	0	1	0	1
2022	Crowd counting analysis using deep learning: A critical review	Patwal A., Diwakar M., Tripathi V., Singh P.	18770509	Procedia Computer Science	218		0	0	3	0	3	0	3
2022	Cotton Crop Disease Detection System Using Deep Learning Approach	Sharma S., Ghanshala A., Tyagi R.		2022 IEEE Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation, IATMSI 2022			0	0	0	0	0	0	0
2022	Identification of Various Bamboo Diseases Using Deep Learning Approach	Kumar K., Sharma S., Pandey P., Goyal H.R.		2022 IEEE Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation, IATMSI 2022			0	1	0	0	1	0	1
2022	Triggering of convective precipitation observed with 206.5 MHz VHF radar over the central Himalayas	Bhattacharjee S., Naja M., Jaiswal A., Rawat K.S., Ananthakrishnan S.		2022 URSI Regional Conference on Radio Science, USRI-RCRS 2022			0	0	0	0	0	0	0
2022	Diversity of Forest Genes: Impacts on the Structure and Function of Soil Ecosystems Under Changing Climate	Dhyani P., Sati P., Rawat S., Tripathi L.K., Dhyani S., Pande V.		Forest Dynamics and Conservation: Science, Innovations and Policies			0	0	0	0	0	0	0
2022	A Review on Feature Selection Approaches and Few Prominent Research Gaps for Image Classification	Das P., Dobhal D.C., Singh Bist A., Oganda F.P., Sudrajat, Fadli I.S., Nusantoro H.		2022 IEEE Creative Communication and Innovative Technology, ICCIT 2022			0	0	0	0	0	0	0
2022	A Hybrid Approach for Feature Subset Selection and Classification Algorithm	Das P., Bist A.S., Edastama P., Riza B.S., Julianingsih D., Febriyanto E., Ramadan A., Sunarya L.		2022 IEEE Creative Communication and Innovative Technology, ICCIT 2022			0	0	0	0	0	0	0
2022	Nano diamonds a newer carrier for anti-cancer drug delivery system	Dhyani A., Bairy P.S., Singh N., Dhyani A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	2	2	0	0	1	0	1	0	1
2022	An embedded LSTM based scheme for depression detection and analysis	Singh J., Wazid M., Singh D.P., Pundir S.	18770509	Procedia Computer Science	215		0	0	2	0	2	0	2
2022	Biomaterial-based fibers for enhanced wound healing and effective tissue regeneration	Mehra L., Gupta P.		Fiber and Textile Engineering in Drug Delivery Systems			0	0	0	0	0	0	0
2022	Organizational Commitment and the Academic Staff in HEI's in North West India	Kanojia P., Malhotra R.K., Uniyal A.K.		Proceedings - 2022 International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems, ICMACC 2022			0	0	0	0	0	0	0

2022	Impact of Organizational Commitment Components on the Teachers of Higher Education in Uttarakhand: An Emperical Analysis	Kanojia P., Malhotra R.K., Uniyal A.K.		Proceedings - 2022 International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems, ICMACC 2022			0	0	0	0	0	0	0
2022	Landslides and Slope Instability in Mussoorie and Nainital Townships (Uttarakhand) in Present Climate-Change Scenario	Gupta V., Sain K., Tandon R.S.		Extreme Natural Events: Sustainable Solutions for Developing Countries			0	0	3	0	3	0	3
2022	Identification of Cybercriminals in Social Media using Machine Learning	Gupta A., Matta P., Pant B.		2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022			0	0	1	0	1	0	1
2022	Secured Privacy Preserving Techniques Analysis of 6G Driven Vehicular Communication Network in Industry 5.0 Internet-of-Everything (IoE) Applications	Kohli P., Sharma S., Matta P.		2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022			0	0	2	0	2	0	2
2022	Current Soil Bioremediation Technologies: An Assessment	Nayak A., Bhushan B., Wilson I.		Advances in Bioremediation and Phytoremediation for Sustainable Soil Management: Principles, Monitoring and Remediation			0	0	0	0	0	0	0
2022	Cyber Physical System Architectures for Pharmaceutical Care Services: Challenges and Future Trends	Devliyal S., Sharma S., Goyal H.R.		Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022			0	0	5	0	5	0	5
2022	PID based ANFIS control of Inverted Double Pendulum System	Kharola A., Rahul, Pokhriyal V.		Proceedings - 2nd International Conference on Next Generation Intelligent Systems, ICNGIS 2022			0	0	0	0	0	0	0
2022	Multimodality medical image fusion in shearlet domain	Diwakar M., Singh P., Kumar P.		Digital Image Enhancement and Reconstruction			0	0	0	0	0	0	0
2022	A Health-Care Architecture Based on Energy-Efficient Cloud Computing	Ghildiyal S., Joshi K., Kanti P., Memoria M., Singh A., Gupta A.		Proceedings of the 2022 7th International Conference on Computing, Communication and Security, ICCCS 2022 and 2022 4th International Conference on Big Data and Computational Intelligence, ICBDCI 2022			0	0	1	0	1	0	1
2022	Industry 4.0 Application in the Hospitality and Food Service Industries	Ghildiyal S., Joshi K., Rawat G., Memoria M., Singh A., Gupta A.		Proceedings of the 2022 7th International Conference on Computing, Communication and Security, ICCCS 2022 and 2022 4th International Conference on Big Data and Computational Intelligence, ICBDCI 2022			0	0	0	1	1	0	1
2022	Acceptance of the Nanotechnology in the Food Industry for customer Satisfaction	Bhatt S., Dani R., Katnoriya S.K., Rawal Y.S., Gupta A., Joshi K.		Proceedings of the 2022 7th International Conference on Computing, Communication and Security, ICCCS 2022 and 2022 4th International Conference on Big Data and Computational Intelligence, ICBDCI 2022			0	0	0	0	0	0	0
2022	AI/ML Based new smart customer feedback system for hospitality Industry	Ramnarayan, Joshi K., Reshi J., Memoria M., Gupta A., Rastogi N.		Proceedings of the 2022 7th International Conference on Computing, Communication and Security, ICCCS 2022 and 2022 4th International Conference on Big Data and Computational Intelligence, ICBDCI 2022			0	0	0	0	0	0	0
2022	Uses of Social Media and Computer Technologies for Guest Satisfaction and Recommendation Analysis using Machine Learning in Hotels Industries	Bhatt S., Dani R., Girsa D., Kuksal R., Joshi K., Gupta A.		Proceedings of the 2022 7th International Conference on Computing, Communication and Security, ICCCS 2022 and 2022 4th International Conference on Big Data and Computational Intelligence, ICBDCI 2022			0	0	0	0	0	0	0
2022	Visual Cryptography: A Detailed Analysis	Mittal T., Christa S.		2022 4th International Conference on Cognitive Computing and Information Processing, CCIP 2022			0	0	0	0	0	0	0
2022	Performance Analysis and Prediction of Diabetes using Various Machine Learning Algorithms	Dev S., Kumar B., Dobhal D.C., Singh Negi H.		Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022			0	0	2	0	2	0	2
2022	A Decision Support System using Machine Learning - IoT to tackle the Covid-19 pandemic in Uttarakhand	Negi H.S., Dimri S.C., Kumar B., Kumar N.		Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022			0	0	0	0	0	0	0
2022	E-Voting System Using Blockchain Technology	Nagesh H.R., Guru Prasad M.S., Shivaraj B.G., Jain D., Puneeth B.R., Anadkumar M.		Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022			0	0	2	0	2	0	2
2022	A Review: Analysis of Various Encryption Techniques for securing Cloud Data	Joshi M., Priya R., Joshi M.		Proceedings - 2022 4th International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2022			0	0	0	0	0	0	0

2022	Detection and classification of anxiety in university students through the application of machine learning	Bhatnagar S., Agarwal J., Sharma O.R.	18770509	Procedia Computer Science	218		0	0	2	1	3	0	3
2022	Asset Class Market Investment Portfolio Analysis and Tracking	Jadhav P.A., Vinotha C., Gupta S.K., Dhyani B., Patil V.H., Kumar R.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	1	2	0	2
2022	Management of a Microgrid using Deep Learning Techniques	Panduro-Ramirez J., Joshi K., Chakravarthi M.K., Singh P., Bind N.K., Banik A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	The Integration of Connectivity and System Integrity Approaches using Internet of Things (IoT) for Enhancing Network Security	Sonnad S., Sathe M., Basha D.K., Bansal V., Singh R., Singh D.P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	5	0	5	0	5
2022	Detection of Adaptive Network Intrusion Employing Enhanced Machine Learning Systems	Nirmala B.V., Mahadev, Ravi Kiran K., Gehlot A., Bhojne S.S., Bordoloi D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Blockchain Technology with Applications to Distributed Control and Cooperative Robotics	Kumar K.S., Yadav D., Joshi S.K., Chakravarthi M.K., Jain A.K., Tripathi V.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	3	0	3	0	3
2022	The Empirical Analysis of Artificial Intelligence Approaches for Enhancing the Cyber Security for Better Quality	Rawat B.S., Gangodkar D., Talukdar V., Saxena K., Kaur C., Singh S.P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	3	0	3	0	3
2022	A Real-Time Voting Process That Redirects Facial Recognition	Reddy V.H., Kumar N.P., Naidu P.B., Purohit K.C., Das K.K., Vasavi A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Stochastic Multi-objective Bi-level Optimization Model for Operation of Active Distribution System with Demand Response	Rawat T., Singh J., Sharma S., Niazi K.R.		2022 22nd National Power Systems Conference, NPSC 2022			0	0	0	0	0	0	0
2022	An Efficient Techniques for Disease Prediction from Medical Data Using Data Mining and Machine Learning	Agrawal B.B., Abdulmughni H.H., Al-Bakhrani A.A., Nage P.D., Jaiswal S., Tripathi V.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Reduced Energy Consumption in Cloud Data Center Using Machine Learning Algorithm Load Balancing	Suneetha T., Singh S., Neeraja B., Tufa S.W., Thiyagarajan N., Rao A.K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Detailed Review of Implementation of Deep Learning Approaches for Industrial Internet of Things with the Different Opportunities and Challenges	Saxena A., Pant B., Alanya-Beltran J., Akram S.V., Bhaskar B., Bansal R.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	An Automated Number Plate Recognition System based on Optical Character Recognition	Gupta S., Choudhary A., Bussa S., Lakhera G., Tuli H., Vani K.D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Cloud Computing, Machine Learning, and Secure Data Sharing enabled through Blockchain	Singh R., Chandra A.S., Bbhagat B., Panduro-Ramirez J., Gaikwad A.P., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Applications for Vehicle Ad HOC Networks and Associated Technical Issues	Raman R., Singh R., Sabat S.R., Bothe S., Singh S., Thakur L.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Structured Investigation of Network Security Strategies and its Applications	Makka S., Misra T., Deorari R., Kumar D., Kumar V., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Empirical Investigation on Smart Wireless Autonomous Robot for Landmine Detection with Wireless Camera	Vanteru M.K., Bedi H.S., Azam M., Chakravarthi M.K., Raffik R., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	4	0	4	0	4
2022	The Block Chain Technology to protect Data Access using Intelligent Contracts Mechanism Security Framework for 5G Networks	Yadav R., Ritambhara, Vaigandla K.K., Ghantasala G.S.P., Singh R., Gangodkar D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	IoT Systems Internal Mapping with the Integration of Blockchain Technology	Panduro-Ramirez J., Jangir R., Prabhu A., Soto-Hidalgo C., Akram S.V., Tripathi V.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Method of Predicting of Trend in the Stock Exchange using ML and DL Algorithms	Arora G.D., Hasan M.F., Sidhu K.S., Tripathi V., Misra D., Kumar T.V.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Cloud Based Smart Kitchen Automation and Monitoring	Seno M.E., Abed A.A., Hamad Y.A., Bhatt U.M., Ravindra Babu B., Bansal S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	An Efficient Techniques for Disease Prediction from Medical Data Using Data Mining and Machine Learning	Kumar Bhatnagar A., Madan P., Rana A., Sharma S., Sonawane S., Josphine C.V.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	E-mail Spam Detection Using Machine Learning - KNN	Yeruva A.R., Kamboj D., Shankar P., Aswal U.S., Rao A.K., Somu C.S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Smart Grid Using Power Internet of Things Architecture	Moorthy C.B., Sai Thrinath B.V., Palanivel M., Pavani K., Kumar P., Kumar Jha M.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	Optimal Analysis for Enterprise Financial Management Based on Artificial Intelligence and Parallel Computing Method	Rajeswari M., Kumar N., Raman P., Patjoshi P.K., Singh V., Pundir S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Trends in Robotics and Computer Integrated Manufacturing	Dixit A.K., Kumar T.V., Joshi A., Bedi H.S., Chakravarthi M.K., Singh D.P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0

2022	An Innovative Internet of Things (IoT) Computing-Based Health Monitoring System with the Aid of Machine Learning Approach	Dhinakaran M., Priya P.K., Alanya-Beltran J., Gandhi V., Jaiswal S., Singh D.P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Applications of Artificial Intelligence and Blockchain Technology in Improved Supply Chain Financial Risk Management	Nethravathi K., Tiwari A., Uike D., Jaiswal R., Pant K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Blockchain-based Trust Management System in Implementation in Social Internet of Things	Panduro-Ramirez J., Rama Swathi R.S.V., Juyal A., Ruiz-Salazar J.M., Bedi H.S., Verma D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Intrusion Detection in Health Care System: A logistic Regression Approach	Tuteja A., Matta P., Sharma S., Nandan K., Gautam P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	An Artificial Intelligence based Design and Implementation for classifying the Missing Data in IoT Applications	Bhamangol B., Kaiwade A., Pant B., Rana A., Kaiwade A., Shaikh A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Sensorless Firefly Algorithm for Speed Control of BLDC Motors	Pandya D.J., Singh A., Vinothkumar T., Raturi A., Deepak A., Khan I.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Comparative Approach on Enhancing Lifetime of Wireless Sensor Networks	Sultana S., Bordoloi D., Singh C., Srivastava A.P., Thiyagarajan N., Chinthamu N.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Data Management and Visual Information Processing using Machine Learning	Kumar A., Joshi S., Akram S.V., Alanya-Beltran J., Ansari M.S.A., Tripathi V.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Comparative Analysis of Skin Cancer Prediction using Neural Networks and Transfer Learning	Das D.S., Gangodkar D., Singh R., Vijay P., Bhardwaj A., Semwal A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Autonomous Heterogeneous Network for Mixed Strategy Analysis in Defence Attack Game Model Based on 5G in Machine Learning Environment	Supreeth B.R., Artheeswari S., John Y.M.M., Ananthi P., Morwani H., Pundir S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Security Issues and Challenges in Internet of Things (IoT) System	Beltran J.A., Mudholkar P., Mudholkar M., Tripathi V., Valderrama-Zapata C., Lourense M.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Analyzing Robotics and Computer Integrated Manufacturing of Key Areas Using Cloud Computing	Gupta A., Dixit A.K., Kumar K.S., Lavanya C., Chakravarthi M.K., Gangodkar D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Identifying Clone Nodes in Wireless Sensor Networks with Minimal Communication and Storage Capacity Requirements	Singh C., Rana A., Prabhakar A.Y., Rajput A., Yirga B., Parmar A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Hybrid Cryptography Algorithm to Improve Cloud Computing Security	Dudiki N., Sangeetha S., Manna A., Pokhariyal R., Mohanaprakash T.A., Srivastava A.P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	3	0	3	0	3
2022	A Descriptive Research on Internet of Things Implementation in Healthcare Sector	Veeraiah V., Ravi Kumar G.K., Singh D.P., Chaudhary A., Elkady G., Ross D.S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Recent Management Trends Involved with the Internet of Things in Indian Automotive Components Manufacturing Industries	Syed F.A., Bargavi N., Sharma A., Mishra A., Nagpal P., Srivastava A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Classification of Sound using Convolutional Neural Networks	Chaturvedi A., Yadav S.A., Salman H.M., Goyal H.R., Gebregziabher H., Rao A.K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Machine Learning Adoption in Blockchain-Based Smart Applications	Suthar V., Bansal V., Reddy C.S., Gonzales J.L.A., Singh D., Singh D.P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	5	0	5	0	5
2022	Wireless Communication in Smart Grid using LoRa Technology	Patil V.H., Kadam P., Bussa S., Bohra N.S., Rao A., Dharani K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	1	2	0	2
2022	Wireless Communication with Extreme Reliability and Low Latency: Tail, Risk and Scale	Raman R., Singh R., Gupta Z., Verma S., Rajput A., Parikh S.M.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	The Technical and Major Difficulties and Risk involved in Integrating the Artificial Intelligence with Cyber Security system: A systematic study	Lourens M., Panwar K.S., Shukla S.K., Joshi S.K., Bhaskar B., Bansal R.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	An Advanced Cloud-Based Plant Health Detection System Based on Deep Learning	Abbas S.H., Vashisht S., Bhardwaj G., Rawat R., Shrivastava A., Rani K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Machine Learning based Energy Management Model for Smart Grid	Raja S., Gehlot A., Chakravarthi M.K., Pant K., Kuchhal S., Sattanathan S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Novel Approach to IoT based Plant Health Monitoring System in Smart Agriculture	Mudholkar M., Mudholkar P., Dornadula V.H.R., Sreenivasulu K., Joshi K., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	6	0	6	0	6
2022	Induction Motor Speed Variations and Control Using-Learning Algorithms	Chilukuri B.V.S., Chaturvedi P., Deshpande P., Barthwal S., Jain S.K., Parmar A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0

2022	Integrating Artificial Intelligence and Deep Learning for Enhanced Medical Innovation	Arora B., Jadhav P., Sulaiman R.B., Kareem A., Kunekar P., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	1	1	0	1
2022	Neural Network based Solar Panel Tracking for Maximum Power Yield	Neeraja B., Salman H.M., Reddy C.V.K., Ghai S., Deepak A., Kumar P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	An Analysis of Different Cryptocraphy Techniques and the Role of Coding and Information Theories in Overcoming Security Threats	Shakeel M., Sirisha A., Joshi A., Ushasree R., Vaishnavi M., Verma D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Forwarding Factor Routing Protocol for Opportunistic Internet of Things Networks	Seno M.E., Abed A.A., Hamad Y.A., Pundir S., Srivastava A.P., Ali S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Database Management Difficulties in the Internet of Things	Lourens M., Tamizhselvi A., Goswami B., Alanya-Beltran J., Aarif M., Gangodkar D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	Comparative Analysis of Artificial Intelligence and its Powered Technologies Applications in the Finance Sector	Tyagi S., Jindal T., Krishna S.H., Hassen S.M., Shukla S.K., Kaur C.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Deep Learning-Based Hybrid System for Multiuser MIMO Systems	Kumari P.R., Chaturvedi A., Juyal A., Pant B., Mydhili S.K., Yadav R.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	A Critical Analysis on Neural Networks and Deep Learning based Techniques for the Cloud Computing System and its Impact on Industrial Management	Latoria A., Joshi S.K., Priya A., Chakravarthi M.K., Chandan R.R., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Study on Methods for Managing Full-Duplex Self-Interference	Saxena S., Sonawane S., Lohani B.P., Garg A., Deepak A., Arora D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Integration of AI with the Cybersecurity: A detailed Systematic review with the practical issues and challenges	Lourens M., Dabral A.P., Gangodkar D., Rathour N., Tida N., Chadha A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Machine Learning Based Corporate Climate Change Disclosure in Integrating Institutional and Resource Approach based on Computational Intelligence Method	Supreeth B.R., Ansari M.S.A., Jasim N.H., Swain P.C., Srinivasan D., Pundir S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Hybrid Smart Home based on AI and IoT with Complex Interwoven Activities for Cognitive Health Assessment and Monitoring	Sundaramoorthy K., Senthilkumar G., Prabhu V., Shanmugasundaram V., Karthikeyan T., Pundir S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Empirical investigation of the key machine learning elements promoting e-business using an SEM framework	Krishna S.H., Upadhyay A., Tewari M., Gehlot A., Girimurugan B., Pundir S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	1	1	0	1
2022	Examining the Role of Block Chain to Secure Identity in IOT for Industry 4.0	Kumar V., Pant B., Elkady G., Kaur C., Suhashini J., Hassen S.M.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Cognitive Radio Technique for Blockchain-based Vehicles with IoT	Veerraju S., Ghantasala G.S.P., Verma E., Kumar A., Akram S.V., Pant K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Transfer Learning Approach on Bacteria Classification from Microscopic Images	Singh A., Kumar A., Salman H.M., Rawat N., Jain S.K., Rao A.T.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Anomaly Detection System using ML Classification Algorithm for Network Security	Yeruva A.R., Chaturvedi P., Rao A.L.N., Dimril S.C., Shekar C., Yirga B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Application of Blockchain and Internet of Things (IoT) for Ensuring Privacy and Security of Health Records and Medical Services	Makka S., Sreenivasulu K., Rawat B.S., Saxena K., Rajasulochana S., Shukla S.K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Gesture Controlled Robotics arm using Image Processing	Gupta S., Rathi V., Rana A., Kalra R., Kumar U.P., Balasubramanyam K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Millimeter Wave Filter for 5G Applications	Sharma P.K., Rana A., Sharma S., Sharma M., Mengstie M., Rao A.T.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Evaluation of Performance of Artificial Intelligence System during Voice Recognition in Social Conversation	Torres-Cruz F., Tyagi S., Sathe M., Mary S.S.C., Joshi K., Shukla S.K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Hybrid Soft Computing based Approach for Ageing in Face Recognition	Chaudhary J.K., Nazeer M.S., Singh R., Verma D., Kasar A.B., Dhotay M.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Deep Learning Techniques for using Intelligent Internet of Things Appliances to Protect Health Department Information	Tyagi N., Buddhi D., Poojitha S., Pant K., Aruna A., Parashar T.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Evaluation of Block-chain Transaction Accuracy using Neural Network Model	Nassa V.K., Varun V.L., Chandra A.S., Chakravarthi M.K., Singh R., Verma D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Internet of Things and Machine Learning based Intelligent Irrigation System for Agriculture	Alanya-Arango J., Alanya-Beltran J., Ravichandran S.K., Singh B., Sasi A., Gangodkar D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0

2022	Applications of Deep Learning (DL) Techniques in Detecting Breast Cancer and Malignant Cells	Chakrapani I.S., Tyagi N., Tyagi S., Kunekar P., Padmaja D.L., Pant K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	1	1	0	1
2022	Deep Learning Applications for Blockchain in Industrial IoT	Masal V., Pavithra P., Tiwari S.K., Singh R., Panduro-Ramirez J., Gangodkar D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Skin Cancer Prediction using Machine Learning and Neural Networks	Tyagi N., Dhavamani L., Al Ansari M.S., Pant B., Saini D.K.J.B., Dhanraj J.A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	A Critical Analysis on the Security Attacks and Relevant Countermeasures using ML	Upadhya P., Sangeethapriya J., Kumar A., Dhumale R.B., Singh R., Tripathi V.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	Power-Efficient Secured Hardware Design of AES Algorithm on High Performance FPGA	Kumar K., Singh V., Mishra G., Ravindra Babu B., Tripathi N., Kumar P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Cloud Computing Applications for Protecting the Information of Healthcare Department Using Smart Internet of Things Appliance	Jain A.K., Ross D.S., Babu M.K., Dharamvir, Uike D., Gangodkar D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	Applications of Machine Learning Techniques in Detecting Skin Cancer	Kunekar P., Vaishnav R., Kalaivani E., Gangodkar D., Kaur C., Dhanraj J.A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	1	1	0	1
2022	A Comparative Study on Cyber security Technology in Big data Cloud Computing Environment	Jain A.K., Misra T., Tyagi N., Suresh Kumar M.V., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	A Review on Multi-Focus Image Fusion Techniques in Surveillance Applications for Image Quality Enhancement	Kaur P., Panwar G., Uppal N., Singh P., Shivahare B.D., Diwakar M.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Retinal blood vessel segmentation using AI	Chakrapani I.S., Gupta S., Chinthamu N., Pokhariya H.S., Ravindra Babu B., Rao A.T.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Comprehensive Description of Artificial Intelligence Techniques in Financial Market	Bhusari V.S., Suresh Kumar M.V., Krishna S.H., Singh R., Faisal S.M., Singh D.P.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	Detection of Malicious Social Bots with the Aid of Learning Automata on Twitter	Vashisht S., Gupta S.K., Fegade A., Dhondiyal S.A., Kumar R., Revathy G.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	A Frame Work of Security Attacks, Issues Classifications and Configuration Strategy for IoT Networks for the Successful Implementation	Bansal V., Pandey S., Shukla S.K., Singh D., Rathod S.A., Gonzales J.L.A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	4	0	4	0	4
2022	The Multi-Layer Security Network Authentication System Development Through Blockchain Technology	Sharma M.K., Pandey S.K., Gupta P., Singh D., Sujata P., Pant B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	1	0	1	0	1
2022	Liver Disease Prediction Using Various Algorithms	Gupta S., Bhardwaj G., Shrivastava A., Kukreti R., Rao A.K., Chauhan B.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Medical Internet of Things using Deep Learning Techniques for Skin Cancer Detection	Veeraiah V., Ravikaumar G.K., Kalpana R., Sreenivasulu K., Singh Y., Shukla S.K.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	Automatic Identification of Vehicles in Traffic using Smart Cameras	Kosuru V.S.R., Venkitaraman A.K., Chaudhari V.D., Garg N., Rao A., Deepak A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Investigation and Development of Energy Efficient EV Chargers	Raghavendra G., Neeraja, Kumar P.R., Rawat R.S., Deepak A., Arora D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Carbohydrate Recommendation for Type-1 Diabetics Patient Using Machine Learning	Sreenivasu S.V.N., Gupta S., Vatsa G., Shrivastava A., Vashisht S., Srivastava A.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	IOT Based Surveillance System for Fire and Smoke Detection	Tripathi N., Obulesu D., Murugan A.S.S., Mittal V., Ravindra Babu B., Sharma S.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	2	0	2	0	2
2022	Data Reduction Techniques in Wireless Sensor Networks with AI	Arora G.D., Chopra N.K., Gopinath N., Ravichandran S.K., Chakravarthi M.K., Gangodkar D.		Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022			0	0	0	0	0	0	0
2022	Face Mask Detection Using Convolution Neural Network	Kumar P., Gupta V.K., Singh D.P.		2022 3rd International Conference on Issues and Challenges in Intelligent Computing Techniques, ICICT 2022			0	0	4	0	4	0	4
2022	Engineering Reliability and Risk Assessment	Garg H., Ram M.		Engineering Reliability and Risk Assessment			0	0	0	0	0	0	0
2022	Color Multiscale Block-ZigZag LBP (CMB-ZZLBP): An Efficient and Discriminant Face Descriptor	Karanwal S.	21941009	Springer Proceedings in Mathematics and Statistics	415		0	0	0	0	0	0	0
2022	An Optimal Link cum State Routing method for channelized data MANET	Saxena A.K., Prakash D., Bhatt P., Pandey D., Mehta S., Singh D.P.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	Double Phased Algorithm for Frequent Sub Graph Mining with More Security	Sampangi Rami Reddy B.R., Khekare G., Kumar A., Liyakat Khan R., Gangodkar D., Jayanthi R.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0

2022	More Efficient Data Security by DEVELOINV AES Hybrid Algorithm	Susan V.S., Vivek V., Muthusamy P., Priyanshu D., Singh A., Tripathi V.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	Sentimental analysis of amazon customers based on their review comments	Juyal P.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	1	0	1	0	1
2022	P2PCPM: Point to Point Critical Path Monitoring Based Denial of Service Attack Detection for Vehicular Communication Network Resource Management	Agarwal V., Sharma S.	2210142X	International Journal of Computing and Digital Systems	12	1	0	0	1	0	1	0	1
2022	Hybrid Access Control for Atoring Large Data with Security	Biswas A., Pradeep K.V., Kumar Pandey A., Kumar Shukla S., Raj T., Roy A.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	The Role of Block chain Integration in the Field of Food Supply Chain in the Present and Future Development	Kumar M.G.V., Chande K., Kanekar R., Kondala M., Majid M.A.A., Patil P.P.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	1	0	1	0	1
2022	A Double Layered Auction Technique for Cloud Data Channel Allocation	Yadav A.K., Raj T., Vekariya V., Jayaprakash B., Harisha K.S., Pant B.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	A new way of estimating the value of bandwidth for the end-to-end network using ABW algorithm	Bodhankar A., Gupta V., Premalatha G., Lakshmu Naidu M., Singh D.P., Dhole S.V.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	Privacy Preserving Based Personal Health Records Sharing Using Rail Fence Data Encryption (RFDE) for Secure Cloud Environment	Bhardwaj S., Baskar S., Marakala V., Prasannan D., Gangodkar D., Dhole S.V.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	1	0	1	0	1
2022	The Significant Effect of Saving One Unit of Electricity and the Role of Non-Renewable Energy Based Street Light in Saving the Energy	Kanase S., Mane V.B., Suryawanshi M.A., Kumbhar G., Jamadar V., Patil P.P.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	MANET: IMPROVED SECURED ROUTING for AODV	Shah P., Prakash O., Balaji K., Shukla S.K., Sharma M., Singh J.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	Certain Investigations of Diabetes Classification Model in Smart Embedded IoT Environment Using Machine Learning Approaches	Venkatesh K., Saroliya A., Indira D.N.V.S.L.S., Singh P., Saravanan D.		International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings			0	0	0	0	0	0	0
2022	Hybrid Technology Based Smart Hostel Management System Using Artificial Intelligence and Internet of Things	Bhardwaj S., Venkadeshwaran K., Ansari M.F., Dash B.P., Sharma P., Singh D.P.		4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022			0	0	0	0	0	0	0
2022	Role of Machine Learning in Health Care System for the Prediction of Different Diseases	Mohamed N., Singh V.K., Ul Islam A., Saraswat P., Sivashankar D., Pant K.		4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022			0	0	1	0	1	0	1
2022	RDI-SD: An Efficient Rice Disease Identification based on Apache Spark and Deep Learning Technique	Prasad M.S.G., Pratap M.S., Jain P., Gujjar J.P., Kumar M.A., Kukreti A.		International Conference on Artificial Intelligence and Data Engineering, AIDE 2022			0	0	2	0	2	0	2
2022	Coir fiber-based cellulose, nanocellulose, and their cutting-edge applications	Abate L., Bachheti A., Bachheti R.K., Husen A., Pandey D.P., Megra M.B.		Coir Fiber and its Composites: Processing, Properties and Applications			0	0	0	0	0	0	0
2022	A Radical Approach for Goal-Oriented Testing	Pokhariya H.S., Rawat R., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	Improved Security and Privacy in Cloud Data Security and Privacy: Measures and Attacks	Joshi A., Raturi A., Kumar S., Dumka A., Singh D.P.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	The Detection and Analysis of Fake News Using Machine Learning	Singh S., Sharma C., Agarwal S., Garg U., Gupta N.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	1	0	1	0	1
2022	Current State and Challenges in Privacy of Software Defined Networks for the Internet of Things	Garg N., Pundir S., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	1	0	1	0	1
2022	A Framework Optimization in Social Media using Xampp: A Systematic Approach	Joshi K., Kumar R., Kumar A., Reshi J., Sharma A., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	An Analysis of Big Data Privacy and Safety	Aswal U.S., Dumka A., Pokhariyal R.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	Plans and strategies for Growth Specialists' Projects	Poddar S., Dhondiyal S.A., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	Stock Market Prediction Using Deep Learning	Shukla S.K., Joshi K., Singh G.D., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	Framework for the Provision of User Felt Protected Mobile Banking Services	Rawat N., Bordoloi D., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	Analysis of Software Quality Enhancement through Stability Metrics Models	Dimri S.C., Chandra Purohit K., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0

2022	Complaint Management in Ethiopian Vocational and Technical Education Institutions: A Framework and Implementation of a Decision Support System	Rawat R.S., Singh V., Dumka A.		2022 International Conference on 4th Industrial Revolution Based Technology and Practices, ICFIRTP 2022			0	0	0	0	0	0	0
2022	Facial expression recognition using DenseNet	Patwal A., Diwakar M., Joshi A., Singh P.		Proceedings - 2022 OITS International Conference on Information Technology, OCIT 2022			0	0	0	0	0	0	0
2022	Pig-Based Study of Crime Rates in Several Indian States	Mittal T., Christa S.		Proceedings of 2nd IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications, CENTCON 2022			0	0	0	0	0	0	0
2022	Second-generation biofuels: Facts and future	Pant R., Gupta A., Pant G., Chaubey K.K., Kumar G., Patrick N.		Relationship between Microbes and the Environment for Sustainable Ecosystem Services: Microbial Tools for Sustainable Ecosystem Services: Volume 3	3		0	0	1	1	2	0	2
2022	Role of Artificial Intelligence in Formative Employee Engagement	Lourens M., Krishna S.H., Singh A., Dey S.K., Pant B., Sharma T.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	2	0	2	0	2
2022	Structural Equation Modeling Method of Computation in Health Care Using IoT	Dhinakaran M., Singh R., Chakravarthi M.K., Pant B., Singh M., Bansal R.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Ecosystem Implementations in Smart City Through Block Chain Technology	Kshirsagar A., Pranavan S., Nomani M.Z.M., Srivastav V.K., Ramprasad C., Shukla S.K.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	1	0	1	0	1
2022	Skin Disease Detection using Deep Learning	Parashar T., Joshi K., Ravikumar R.N., Verma D., Kumar N., Krishna K.S.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	1	0	1	0	1
2022	The Emerging Role of the Knowledge Driven Applications of Wireless Networks for Next Generation Online Stream Processing	Gunturu V., Kumari P.R., Chithra S.M., Saikia B., Singh R., Singh D.P.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Computational Intelligence Approach to Improve The Classification Accuracy of Brain Tumor Detection	Umamaheswaran S.K., Deivasigamani S., Joshi K., Verma D., Kumar Rajamani S., Ross D.S.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	5	0	5	0	5
2022	Machine Learning Enabled Smart Farming:The Demand of the Time	Negi H.S., Dimri S.C.		PDGC 2022 - 2022 7th International Conference on Parallel, Distributed and Grid Computing			0	0	1	0	1	0	1
2022	Blockchain-Enabled Secure Data Sharing Scheme in Wireless Communication	Mishra R., Joshi K., Gangodkar D.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Challenges of E-Learning and Implementing a Responsive E-Learning in Higher Education	Singh A., Tongkachok K., Lourens M., Sreenivasulu K., Joshi K., Pant K.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Evaluation of Performance of AI System during Voice Recognition in Social Conversation	Torres-Cruz F., Mathur S., Hasan A., Sharma A., Buddhi D., Gangodkar D.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Wireless Communications Network and Mobile Computing using Blockchain in Distributed Internet of Things	Mishra R., Joshi K., Gangodkar D.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	2	0	2	0	2
2022	Blockchain in Cloud Computing: Design Challenges	Jondhale S.D., Korde S.K., Rakshe D.S., Krishna I.M., Akram S.V., Verma D.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	1	0	1	0	1
2022	User Story Splitting in Agile Software Development using Machine Learning Approach	Kumar B., Tiwari U., Dobhal D.C.		PDGC 2022 - 2022 7th International Conference on Parallel, Distributed and Grid Computing			0	0	1	0	1	0	1
2022	Application of Cryptographic Methods to Blockchain Technology to Increase Data Reliability	Shetty P., Kumar M.R., Vyas T., Angulakshmi M., Gehlot A., Pant K.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	2	0	2	0	2
2022	A detailed Analysis of Various Security Issues in Wireless Communication Cyber - Physical Systems and the Internet-of-Things	Doss A.N., Dixit A.K., Juyal A., Pant B., Chadha A., Tida N.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	1	0	1	0	1
2022	Advanced IoT Home Automation using ThingSpeak and Google Assistant IoT Platform	Tyagi P.K., Singh R., Kalyan Chakravarthi M., Singh P., Ashok Kumar P., Prasad C.R.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0

2022	Security Metrics and their Measurements for Wireless Communications	Renuka K., Singh R., Geetha B.T., Gangodkar D., Veeramalai G., Prasad C.R.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Blockchain-Based Secure Mengers Authentication for Industrial IoT	Sonnad S., Awasthy M., Rane K., Banerjee M., Buddhi D., Pant B.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	A Framework of Internet of Things (Iot) for the Manufacturing and Image Classification System	Joshi S., Balakrishnan S., Rawat P., Deshpande D., Chakravarthi M.K., Verma D.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Blockchain Implementation in Financial Sector and Cyber Security System	Panduro-Ramirez J., Kumar Sharma A., Singh G., Pavana K.H., Poma-Garcia C., Kumar Shukla S.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	The Development of the Multi-Layer Security Network Authentication System using Blockchain Technology	Umamaheswaran S.K., Rana A., Rani K., Singh Y., Harbola S., Pant K.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	1	0	1	0	1
2022	Quad based Sub-Cluster Head Selection for Energy Efficiency in Wireless Sensor Networks	Kumar B., Kumar A., Negi H.S.		PDGC 2022 - 2022 7th International Conference on Parallel, Distributed and Grid Computing			0	0	0	0	0	0	0
2022	Block Chain Integration with AI for Agriculture Product Supply Chain	Uike D., Villavicencio-Mendoza M., Gehlot A., Verma D., Panduro-Ramirez J., Susanto E.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	2	0	2	0	2
2022	A Multi Disciplinary Data Quality Curation Framework for Discrete and Continuous IoT Data	Krishnam N.P., Narayan S., Mishra R., Prasad C.R., Singh R., Gangodkar D.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	A Novel PSO-Based Channel Allocation System for Interference in 5G and Higher-Level Wireless Communication Systems	Yadav R., Raman R., Rana A., Gangodkar D., Tiwari M., Kiranmayee P.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	Revolutions of Blockchain Technology in the Field of Cryptocurrencies	Mahabub Basha S., Kethan M., Karumuri V., Guha S.K., Gehlot A., Gangodkar D.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	2	0	2	0	2
2022	A Novel and Secure Framework to Detect Unauthorized Access to an Optical Fog-Cloud Computing Network	Singh K.D., Singh P., Tripathi V., Khullar V.		PDGC 2022 - 2022 7th International Conference on Parallel, Distributed and Grid Computing			0	0	0	0	0	0	0
2022	Role of Cloud Management in Mitigating Vulnerabilities in Wireless Data Exchange Provider	Gunturu V., Padma Priya V.S., Abishek B E., Shetty S., Buddhi D., Shukla S.K.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	0	0	0	0	0
2022	E-Agriculture Integration with Cloud Computing	Jain S., Verma I., Sharma S.		PDGC 2022 - 2022 7th International Conference on Parallel, Distributed and Grid Computing			0	0	0	0	0	0	0
2022	Diagnosis, Treatment and Containment of Epilepsy Disease	Dhondiyal S.A., Dimri S.C.		PDGC 2022 - 2022 7th International Conference on Parallel, Distributed and Grid Computing			0	0	0	0	0	0	0
2022	Integration of DL on Multi-Carrier Non-Orthogonal Multiple Access System with Simultaneous Wireless Information and Power Transfer	Chaturvedi A., Bhardwaj A., Singh D., Pant B., Gonzales J.L.A., Firos A.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	1	0	1	0	1
2022	Deep Learning: A Critical Analysis of its Effects on Organizational Performance	Lourens M., Pandey K.K., Upadhyay A., Tewari M., Tiwari S.K., Shukla S.K.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	1	0	1	0	1
2022	Investigating the Role of Block Chain to Secure Identity in IoT for Industrial Automation	Uike D., Agarwalla S., Bansal V., Chakravarthi M.K., Singh R., Singh P.		Proceedings of the 2022 11th International Conference on System Modeling and Advancement in Research Trends, SMART 2022			0	0	4	0	4	0	4
2022	Salient Region Detection in Images Based on U-Net and Deep Learning	Kumar K., Marimuthu M., Das Gupta A., Pant B., Shukla S.K., Kapila D.		2nd IEEE International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering, ICATIECE 2022			0	0	0	0	0	0	0
2022	Design and Development of Effective IoT-Enabled Multi Health Factor Monitoring System	Kotiyal A., Gupta A., Agarwal K., Kansal V., Dhasmana G.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	1	0	1	0	1
2022	An Advanced Full Stack Decentralized Approach for Secure Election Voting Process	Singh N., Rohila P., Anwar K., Alam T., Rawat V.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	0	0	0	0

2022	Techniques of Tracking and Recognition of Sports Players Jersey and Vehicle Licence Number Plate: A Review	Gupta V.K., Gupta A., Pandey P., Gupta D.K., Shukla S.K., Joshi K.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	0	0	0	0
2022	Robust Controllers Design and Performance Investigation of a Vector Controlled Electric Vehicle	Oubelaid A., Mohamed N., Taib N., Rekioua T., Bajaj M., Parashar D., Blazek V.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	5	0	5	0	5
2022	CRISPR Cas9 genome editing approach for gRNA of the genes associated with Schizophrenia: A computational approach	Shukla J., Pant B., Tufchi N., Paul G.C., Pant K., Pant M., Sihna S.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	0	0	0	0
2022	Machine Learning Approach for Malware Analysis and Detection	Rana D.S., Dimri S.C., Rawat R.S., Dhondiyal S.A., Dogra A.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	0	0	0	0
2022	Classical Secondary Control Techniques in Microgrid Systems - A Review	Kumar S., Yashaswini H.K., Sharma N.K., Bajaj M., Naithani D., Maindola M.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	3	1	4	0	4
2022	Comparative Analysis of Transformer based Models for Question Answering	Rawat A., Singh Samant S.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	1	0	1	0	1
2022	Mitigation of Solar PV Grid-Penetrated System's Operational Challenges Considering Penetration Allowance and FACTS Devices Incorporation	Loji K., Sharma S., Sharma G.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	0	0	0	0
2022	The Economic Feasibility and Cost Reduction of Grid-linked Solar PV Systems in South Africa	Onaolapo A.K., Sharma G., Sharma S., Adefarati T.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	2	0	2	0	2
2022	Reliability Analysis of Mobile Communication System using Markov Process	Choudhary S., Ram M., Goyal N., Saini S.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	0	0	0	0
2022	Modelling and Quantification Methods of Voltage Sags and Voltage Unbalanced	Yadav P., Thakur P., Saini P., Dixit A.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	1	1	0	1
2022	Analyzing the effectiveness of a health care waste reduction education and training interventions: A step towards green healthcare	Dwivedi S., Poddar A., Gupta A., Memoria M., Kumar R.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	1	0	1	0	1
2022	A Review of Multimedia Processing and its Application in MIDI	Manan, Verma G., Singh S., Kukreti K.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	1	0	1	0	1
2022	Healthcare Waste Material Management: A Bibliometric study with reference to the Indian context	Sethi M., Bohra N.S.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	0	0	0	0	0
2022	Comparative Analysis using Transfer Learning Models VGG16, Resnet 50 and Xception to Predict Pneumonia	Desai A.B., Gangodkar D.R., Pant B., Pant K.		Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022			0	0	2	0	2	0	2
2022	Design of Controller for Brushless DC Motor Using a Hybrid Optimization Technique	Saini P., Thakur P., Bansal R.C., Dixit A., Shrivastava V., Kumar J.		2022 IEEE 10th Power India International Conference, PIICON 2022			0	0	0	0	0	0	0
2022	Industry 4.0 Enabled Molecular Imaging Using Artificial Intelligence Technique	Goswami S., Sharma S.		2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings			0	0	3	0	3	0	3
2022	Performance Analysis and Systematic Review of Privacy Preservation-Based Authentication Models and Cryptographic-Based Data Protocols	Pawar A.B., Ghumbre S.U., Jogdand R.M.	19301650	International Journal of Information Security and Privacy	16	1	0	0	0	0	0	0	0
2022	Predicting Crop on the basis of Climatic Parameters using Machine Learning Approaches	Negi H.S., Dimri S.C., Kumar B., Dobhal D.C.		3rd IEEE 2022 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2022			0	0	1	0	1	0	1
2022	Brain Tumor Detection Using U-Net and 3D CNN Architecture	Ghanshala A., Chauhan A., Diwakar M., Sharma S.		3rd IEEE 2022 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2022			0	0	1	0	1	0	1
2022	A solar, thermal, and piezoelectric based hybrid energy harvesting for iot and underwater wsn applications	Arora S., Nijhawan G., Verma G.	22103279	International Journal of Sensors, Wireless Communications and Control	12	9	0	0	1	0	1	0	1
2022	Molecular Modelling and Docking Simulation for Unravelling Medicinal Properties of Soor and Pakhoi, the Lesser-Known Traditional Drinks of Himalayas	Nawaz M., Pant K., Sinha S.	23673370	Lecture Notes in Networks and Systems	518		0	0	0	0	0	0	0
2022	Detection of the Affected Area and Classification of Pests Using Convolutional Neural Networks from the Leaf Images	Pant B., Gangodkar D., Bordoloi D., Dumka A.	18650929	Communications in Computer and Information Science	1759		0	0	3	0	3	0	3

2022	A Deep Learning Approach to Analyze Diabetic Retinopathy Lesions using Scant Data	Singh D., Dobhal D.C., Pargaien S., Pargaien A.V., Pant J., Pant H.		International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings			0	0	1	0	1	0	1
2022	Secured Authentication Schemes of 6G Driven Vehicular Communication Network in Industry 5.0 Internet-of-Everything (IoE) Applications: Challenges and Opportunities	Kohli P., Sharma S., Matta P.		2022 IEEE 2nd International Conference on Mobile Networks and Wireless Communications, ICMNWC 2022			0	0	2	0	2	0	2
2022	Multiclass Objects Localization Using Deep Learning Technique in Autonomous Vehicle	Juyal A., Sharma S., Matta P.		6th IEEE International Conference on Computational System and Information Technology for Sustainable Solutions, CSITSS 2022			0	1	0	0	1	0	1
2022	Secure Image Steganography Technique based on Hybrid Transforms and Enhanced AES	Shaik S.B., Devi D.S., Sujithra M., Sarika G., Tripathi V., Kapila D.		Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022			0	0	0	0	0	0	0
2022	Modeling of Optimal Deep Learning Enabled Object Detection and Classification on Drone Imagery	Adhikari N., Behera N.R., Vijayakrishna Rapaka E., Pimo E.S.J., Chaturvedi V., Tripathi V.		Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022			0	0	1	0	1	0	1
2022	Prediction of Biological Oxygen Demand using Artificial Intelligence & Machine Learning	Sunori S.K., Negi P.B., Rana A., Mittal A., Juneja P.		Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022			0	0	4	0	4	0	4
2022	Blockchain Enabled Biometric Security in Intemet-of-Medical-Things (IoMT) Devices	Sharma I., Sharma S.		Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022			0	0	7	0	7	0	7
2022	Data Analysis and Modeling of Body Sensor Network in Healthcare Application	Pandey C., Sharma S., Matta P.		6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings			0	0	2	0	2	0	2
2022	Prediction Based Controller Design for Electric Vehicle	Sunori S.K., Joshi N., Lohani M.C., Bisht V.S., Mittal A., Agarwal P., Juneja P.		6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings			0	0	3	0	3	0	3
2022	FPGA Implementation of Lattice-Wave Half-Order Digital Integrator using Radix-2rDigit Recoding	Sharma A., Gupta M., Rawat T.		6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings			0	0	4	0	4	0	4
2022	Triple Notch Filter using Non-Uniform Transmission Lines for UWB Applications	Gupta M., Sharma A., Upadhyay D.K.		2022 6th International Conference on Computing, Communication, Control and Automation, ICCUBEA 2022			0	0	2	0	2	0	2
2022	FEOQ MODEL WITH OCTAGONAL FUZZY DEMAND RATE AND OPTIMIZE WITH SIGNED DISTANCE METHOD	Rajput N., Chauhan A., Goel A., Tanwar D.V.	3540243	Yugoslav Journal of Operations Research	32	4	0	0	2	0	2	0	2
2022	Design of an Automatic Sorting Machine on the Conveyor Belt System Based on Product Temperature	Singh U., Rahman A., Mahato S.K., Surya S., Bajaj M., Jurado F., Kamel S.		2022 IEEE International Conference on Automation/25th Congress of the Chilean Association of Automatic Control: For the Development of Sustainable Agricultural Systems, ICA-ACCA 2022			0	0	0	0	0	0	0
2022	An Overview of Recent Advances in Energy Storage for Solar Power Systems	Hussen S., Ayalew F., Bajaj M., Sharma N.K., Jurado F., Kamel S.		2022 IEEE International Conference on Automation/25th Congress of the Chilean Association of Automatic Control: For the Development of Sustainable Agricultural Systems, ICA-ACCA 2022			0	0	2	0	2	0	2
2022	Hydropower Potential Assessment of Four Selected Sites in the North Interconnected Network of Cameroon	Dieudonne K.K., Bajaj M., Kitmo, Rubanenko O., Jurado F., Kamel S.		2022 IEEE International Conference on Automation/25th Congress of the Chilean Association of Automatic Control: For the Development of Sustainable Agricultural Systems, ICA-ACCA 2022			0	0	0	0	0	0	0
2022	Multi-Objective Optimization of Complex Bridge Network by MOPSO-CD	Kumar A., Pant S., Kumar M.R., Negi G.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	1	0	1	0	1
2022	Spectral Features based Robust Speech Spoofing Detection System	Sharma A., Sharma A., Anand T., Juneja P., Agarwal A.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	0	0	0	0	0
2022	Ischemic Stroke Prediction with B-LSTM based on ECG Signals	Kumar M.A., Purohit K.C., Gupta A., Ghanshala A., Singh A.		2022 8th International Conference on Signal Processing and Communication, ICSC 2022			0	0	2	0	2	0	2
2022	Software Reliability: Elements, Approaches and Challenges	Rathi G., Tiwari U.K., Singh N.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	0	0	0	0	0
2022	Machine Learning Based Hybrid Technique for Heart Disease Prediction	Negi S.S., Memoria M., Kumar R., Joshi K., Pandey S.D., Gupta A.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	9	1	10	0	10
2022	Exploring Multiple Deep learning Models for Skin Cancer Classification	Gairola A.K., Kumar V., Sahoo A.K.		3rd IEEE 2022 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2022			0	1	1	0	2	0	2

2022	A Novel S-Band Microstrip Band Pass Filter Using Optimization Technique For Harmonics Reduction	Gusain R., Shekhar S., Vidyarthi A., Prakash R.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	0	0	0	0	0
2022	An Intrusion Detection Model for CICIDS-2017 Dataset Using Machine Learning Algorithms	Panwar S.S., Raiwani Y.P., Panwar L.S.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	2	0	2	0	2
2022	Role of Remote Sensing and GIS Strategies to Increase Crop Yield	Shekhar S., Gusain R., Vidhyarthi A., Prakash R.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	1	0	1	0	1
2022	Optimal Design of Fractional-Order Digital Integrator using Lattice Wave Structure	Sharma A., Gupta M., Rawat T.		2022 8th International Conference on Signal Processing and Communication, ICSC 2022			0	0	2	0	2	0	2
2022	Monkeypox Disease Diagnosis using Machine Learning Approach	Gairola A.K., Kumar V.		2022 8th International Conference on Signal Processing and Communication, ICSC 2022			0	0	6	0	6	0	6
2022	Statistical Analysis of Positional Variations of NavIc Receiver	Gusain R., Vidyarthi A., Prakash R., Shukla A.K.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	2	0	2	0	2
2022	Tomato Leaf Disease Classification Using Supervised Learning Techniques: Contrasting Analysis	Rawat V., Singh N., Kaur B., Bora S.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	0	0	0	0	0
2022	Speaker's Age Group Classification and Recognition using Spectral Features and Gaussian Mixture Models	Sharma A., Sharma A., Dwivedi G.K., Juneja P., Sinha A.		2022 International Conference on Advances in Computing, Communication and Materials, ICACCM 2022			0	0	0	0	0	0	0
2022	Quantitative Analysis of the Impact of Demography and Job Profile on the Organizational Commitment of the Faculty Members in the HEI'S of Uttarakhand	Uniyal A.K., Kanojia P., Khanna R., Dixit A.K.	18650929	Communications in Computer and Information Science	1742		0	0	0	0	0	0	0
2022	Wavelet Local Binary Pattern (WLBP): A Novel Local Descriptor in Harsh Light Variations	Karanwal S.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	1	0	1	0	1
2022	Energy Management System for PV-DC Generator Based Microgrid for Rural Homes	Amoriya V., Chauhan R.K., Mittal S., Chauhan K., Bharti A., Saini A.		IEEE Global Energy Conference, GEC 2022			0	0	1	0	1	0	1
2022	Impact of Computational Thinking in Engineering and K12 Education	Rana D.S., Dimri S.C., Malik P., Dhondiyal S.A.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	0	0	0	0	0
2022	Identifying Lung Nodules on MRR Connected Feature Streams for Tumor Segmentation	Srinivasa G., Divya Baliga B., Nalini Devi K., Verma D., Selvam P.P., Sharma D.K.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	0	0	0	0	0
2022	IoV Enabled Route Optimization Technique for Combat Vehicles	Pandey A.N., Agarwal P., Sharma S.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	2	0	2	0	2
2022	DC Motor based Control of Cane Carrier Motor for Sugar Factory	Sunori S.K., Bisht V.S., Joshi N., Agarwal P., Mittal A., Juneja P.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	0	0	0	0	0
2022	Device to Device Communication in 5G Network using Device-Centric Resource Allocation Algorithm	Goswami C., Das A., Ogaili K.I., Verma V.K., Singh V., Sharma D.K.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	0	0	0	0	0
2022	Model Identification and Dead Time Compensation of Induction Motor	Sunori S.K., Mittal A., Manu M., Juneja P.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	1	0	1	0	1
2022	Combined Local Pattern (CLP): A Novel Descriptor for Face Recognition	Karanwal S.		4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings			0	0	2	0	2	0	2
2022	Performance Comparison of SSSC and TCSC Devices on Load Frequency Control of Interconnected Power System with Geothermal Power Plant Integration	Kalyan C.N.S., Srikanth Goud B., Kiran Kumar M., Nagi Reddy B., Sambasiva Rao G., Bajaj M.		ICT-PEP 2022 - International Conference on Technology and Policy in Energy and Electric Power: Advanced Technology for Transitioning to Sustainable Energy and Modern Power Systems, Proceedings			0	0	0	0	0	0	0
2022	Model Identification of Electric Vehicle System	Sunori S.K., Lohani M.C., Maurya S., Manu M., Arora S., Mittal A., Juneja P.		6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings			0	0	1	0	1	0	1
2022	Detection of Alzheimer's Disease Using Deep Learning, Blockchain, and IoT Cognitive Data	Singh B., Tatiya M., Shrivastava A., Verma D., Pratap Srivastava A., Rana A.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Smart Agricultural System Based on Machine Learning and IoT Algorithm	Patil V.H., Shrivastava A., Verma D., Rao A.L.N., Chaturvedi P., Akram S.V.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	1	1	2	0	2
2022	An Empirical Study and Simulation Analysis of the MAC Layer Model Using the AWGN Channel on WiMAX Technology	Patidar M., Bhardwaj G., Jain A., Pant B., Kumar Ray D., Sharma S.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	1	0	1	0	1

2022	CNN-based Early Blight and Late Blight Disease Detection on Potato Leaves	Joseph S.G., Ashraf M.S., Srivastava A.P., Pant B., Rana A., Joshi A.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	2	0	2	0	2
2022	Automated Multiclass Classification Using Deep Convolution Neural Network on Dermoscopy Images	Rasool S., Dulhare U.N., Khan M.N., Gangodkar D., Rana A., Kalra R.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Deep Learning based Drowsiness Detection and Monitoring using Behavioural Approach	William P., Shamim M., Yeruva A.R., Gangodkar D., Vashisht S., Choudhury A.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	19	0	19	0	19
2022	Covid-19 Disease Detection using Chest X-Ray Images by Means of CNN	Yeruva A.R., Choudhari P., Shrivastava A., Verma D., Shaw S., Rana A.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	6	0	6	0	6
2022	Customer - Churn Prediction Using Machine Learning	Agarwal V., Taware S., Yadav S.A., Gangodkar D., Rao A.L.N., Srivastav V.K.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	1	0	1	0	1
2022	A New Vehicle Tracking System with R-CNN and Random Forest Classifier for Disaster Management Platform to Improve Performance	Vinoth Kumar T., Yeruva A.R., Kumar S., Gangodkar D., Rao A.L.N., Chaturvedi P.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	5	0	5	0	5
2022	A Proficient Attack Prediction using Hash Algorithm in Manet	Riyazuddin M., Sadiq M.J., Agrawal R., Shukla S.K., Rana A., Singh R.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	1	1	2	0	2
2022	Analysis of the Regulatory Development Cryptocurrencies for Trading in Business with Deep Learning Techniques	Dulhare U.N., Rasool S., Khan M.N., Pant B., Kakoli Rao A., Bhardwaj G.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Energy Optimization in Wireless Sensor Networks	Chaturvedi A., Kumar T.V., Srivastava A.P., Shukla S.K., Singh S.V., Parvez A.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Design and analysis of the Chameleon scheduling algorithm for reconfigurable computing	Kapila D., Dileep Kumar Y., Pant B., Jayapratha T., Kakoli Rao A., Gehlot A.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Design and Implementation of IoT based Framework for Air Quality Sensing and Monitoring	William P., Kiran Y.V.U., Rana A., Gangodkar D., Khan I., Ashutosh K.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	28	0	28	0	28
2022	Hardware Implementation of Address Register Circuit on VLSI Based FPGA Device	Kumar K., Shrivastava A., Rana A., Pant B., Sharma S., Bahuguna R.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Predicting preeminent Machine Learning Approach on Stars	Manna S., Jalodia V., Kumar K., Tripathi V., Sharma S., Arora D.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	A Proficient and secure way of Transmission using Cryptography and Steganography	Reddy G.D., Kiran Y.V.U., Singh P., Singh S.V., Shaw S., Singh J.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Cosmetics Suggestion System using Deep Learning	Ray S., Abinaya M., Rao A.K., Shukla S.K., Gupta S., Rawat P.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	1	0	1	0	1
2022	A Smart Healthcare Monitoring System Based on Fog Computing Architecture	Yeruva A.R., Vijaya Durga C.S.L., Gokulavasan B., Pant K., Chaturvedi P., Srivastava A.P.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	5	0	5	0	5
2022	Detection of Bell Pepper Crop Diseases Using Convolution Neural Network	Parakh S., Ashraf M.S., Tripathi N., Pant K., Ansari M.S., Negi P.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	0	0	0	0	0
2022	Secure and Smart Healthcare System using IoT and Deep Learning Models	Rana A., Reddy A., Shrivastava A., Verma D., Ansari M.S., Singh D.		Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022			0	0	9	1	10	0	10
2022	Development of ANN Based Models for Binary Classification of Rainfall	Sunori S.K., Bhatt A., Mittal A., Singh N., Tamta K.K., Juneja P., Uniyal I.		2022 IEEE 3rd Global Conference for Advancement in Technology, GCAT 2022			0	0	0	0	0	0	0
2022	Design and Control of 11-Level Modular Multilevel Converter with Dual Purpose Inverter for Grid Connected Photovoltaic System	Behera S., Sasmal K., Behera S., Giri N.C., Rubanenko O., Bajaj M.		2022 IEEE 8th International Conference on Energy Smart Systems, ESS 2022 - Proceedings			0	0	3	0	3	0	3
2022	Role of risk perception and situational factors in mobile payment adoption among small vendors in unorganised retail	Ramtiyal B., Verma D., Rathore A.S.	13895753	Electronic Commerce Research			0	0	3	0	3	0	3

2022	NON-PHARMACEUTICAL INTERVENTION STRATEGIES TO RESPOND TO THE COVID-19 PANDEMIC: PREFERENCE RANKING METHOD	Abdullah L., Garg H., Awang N.A., Pauzi H.M., Hashim H.	26201607	Operational Research in Engineering Sciences: Theory and Applications	5	3	0	0	1	0	1	0	1
2022	[Novel Sub-Harmonic-Based Self-Excited Brushless Wound Rotor Synchronous Machine, Nouvelle machine synchrone à rotor bobiné sans balais auto-excitée à base de sous-harmoniques]	Bukhari S.S.H., Shah M.A., Rodas J., Bajaj M., Ro J.-S.	26941783	IEEE Canadian Journal of Electrical and Computer Engineering	45	4	0	2	3	0	5	0	5
2022	A REVIEW ON ACTIVE TECHNIQUES IN MICROCHANNEL HEAT SINK FOR MINIATURIZATION PROBLEM IN ELECTRONIC INDUSTRY	Bhandari P., Singh J., Kumar K., Ranakoti L.	23005599	Acta Innovations	2022	45	0	0	3	0	3	0	3
2022	Role of Internet of Things and Cloud Computing in Education System: A Review	Gairola A.K., Kumar V.	18650929	Communications in Computer and Information Science	1672		0	2	1	0	3	0	3
2022	Healthcare 5.0 Security Framework: Applications, Issues and Future Research Directions	Wazid M., Das A.K., Mohd N., Park Y.	21693536	IEEE Access	10		0	0	7	1	8	0	8
2022	A Systematic Review of Dynamic Wireless Charging System for Electric Transportation	Shanmugam Y., Narayanamoorthi R., Vishnuram P., Bajaj M., Aboras K.M., THAKUR P., Kitmo	21693536	IEEE Access	10		0	0	15	0	15	0	15
2022	Mechanical, morphological, and tribological characterization of novel walnut shell-reinforced polylactic acid-based biocomposites and prediction based on artificial neural network	Mishra S.K., Dahiya S., Gangil B., Ranakoti L., Singh T., Sharma S., Boonyasopon P., Rangappa S.M., Siengchin S.	21906815	Biomass Conversion and Biorefinery			0	0	17	2	19	0	19
2022	Sustainability of chemically modified Simarouba glauca for tribological applications and chemical structure analysis at different loads	Singh Y., Singh N.K., Sharma A., Singla A.	21906815	Biomass Conversion and Biorefinery			0	0	0	0	0	0	0
2022	Sustainability of corn based-biomass for production of bio-oil and their characterization through solar thermal energy approach	Singh Y., Singh D., Singh N.K., Sharma A.	21906815	Biomass Conversion and Biorefinery			0	0	1	0	1	0	1
2022	Satellite Image Fusion for Obtaining High Resolution Images Using Deep Neural Network	Rahman A.N., Tripathiy V., Gupta A.D., Paul B., Kurian M.T., Vijayan V.P.		Proceedings of 2022 International Conference on Intelligent Innovations in Engineering and Technology, ICIIET 2022			0	0	0	0	0	0	0
2022	Fuzzy reliability modeling of a smart waste bin using triangular intuitionistic fuzzy set	Kharola S., Kumar A., Goyal N., Ram M.		2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2022			0	0	0	0	0	0	0
2022	Predicting the Reliability of Solar Water Geyser by using Universal Generating Function	Sadiya, Ram M., Kumar A.		2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2022			0	0	2	0	2	0	2
2022	Reliability Assessment of a k-out-of-n:G system incorporating CCF	Shivani, Ram M., Goyal N., Kumar A.		2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2022			0	0	0	0	0	0	0
2022	Application of Fuzzy Universal Generating Function in Reliability Assessment of Thermal Power Plants	Chachra A., Kumar A., Ram M.		2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2022			0	0	1	0	1	0	1
2022	Audio Segmentation Techniques and Applications Based on Deep Learning	Aggarwal S., Vasukidevi G., Selvakanmani S., Pant B., Kaur K., Verma A., Binegde G.N.	10589244	Scientific Programming	2022		0	1	2	0	3	0	3
2022	Effect of uncertainty in demand and production for manufacturing industries during COVID-19	Sharma R., Singh A.P., Arora R., Chauhan A.	17442370	International Journal of Services and Operations Management	43	3	0	0	0	0	0	0	0
2022	Optimisation of a fuzzy inventory model with seasonal demand rate in two different markets	Rajput N., Pandey R.K., Chauhan A.	17442370	International Journal of Services and Operations Management	43	4	0	0	0	0	0	0	0
2022	Optimal replenishment and preservation investment policy for hybrid demand with trade credit schemes	Pant M., Sharma S., Chauhan A.	17575850	International Journal of Mathematics in Operational Research	23	2	0	0	0	1	1	0	1
2022	Barriers of digital transaction in rural areas: an interpretive structural modelling and MICMAC analysis	Gupta A., Singh S.	14706067	International Journal of Electronic Business	18	1	0	0	1	0	1	0	1
2022	Protection of DC Microgrids Based on Frequency Domain Analysis using Fourier Transform	Dashtdar M., Belkhier Y., Bajaj M., Sadegh S.M., Belik M., Rubanenko O.		2022 IEEE 3rd KhPI Week on Advanced Technology, KhPI Week 2022 - Conference Proceedings			0	0	1	0	1	0	1
2022	Analysis of reactive power loadability and management of flexible alternating current transmission system devices in a distribution grid using whale optimization algorithm	Baby H., Jayakumar J., Mathew M., Hussien M.G., Kumar N.M.	17521416	IET Renewable Power Generation			0	0	0	0	0	0	0
2022	A topology review and comparative analysis on transformerless grid-connected photovoltaic inverters and leakage current reduction techniques	Ponrekha A. S., Subathra M.S.P., Bharatiraja C., Manoj Kumar N., Haes Alhelou H.	17521416	IET Renewable Power Generation			0	0	3	0	3	0	3
2022	Influence the Graphene Filler Addition on the Tensile Behavior of Natural Kenaf Fiber-Based Hybrid Nanocomposites	Natrayan L., Kaliappan S., Hatti G., Patil P.P., Gaur P., Manikandan T., Murugan P.	16874110	Journal of Nanomaterials	2022		0	0	11	0	11	0	11
2022	Analysis of a Stochastic Model with Rework System	Ram M., Negi G., Goyal N., Kumar A.	22295666	Journal of Reliability and Statistical Studies	15	2	0	0	0	0	0	0	0
2022	FUZZY OPTIMIZATION MODEL OF TWO PARAMETER WEIBULL DETERIORATING RATE WITH QUADRATIC DEMAND AND VARIABLE HOLDING COST UNDER ALLOWABLE SHORTAGES	Poswal P., Chauhan A., Rajoria Y.K., Boadh R., Goel A.	3540243	Yugoslav Journal of Operations Research	32	4	0	0	2	0	2	0	2
2022	Application of 0/1-knapsack problem in optimal decision making	Dimri S.C., Kumar B., Purohit K.C., Ram M.	13598678	Nonlinear Studies	29	4	0	0	0	0	0	0	0

2022	Application of intuitionistic fuzzy set TOPSIS in selecting most preferred OTT platform	Anand A., Irshad M.S., Aggrawal D., Ram M.	13598678	Nonlinear Studies	29	4	0	0	1	0	1	0	1
2022	A simple algorithm to clip the lines with respect to circular clip window in 2 dimensional space E2	Dimri S.C., Kumar B., Negi H.S., Ram M.	20413165	Mathematics in Engineering, Science and Aerospace	13	4	0	0	1	0	1	0	1
2022	Simulated Annealing based Controller Design for Synchronous Motor	Sunori S.K., Bisht V.S., Mittal A., Manu M., Juneja P.		3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings			0	0	0	0	0	0	0
2022	A Holistic and State of the Art of Understanding the Linkages of Smart-City Healthcare Technologies	Ogunmola G.A., Lourens M.E., Chaudhary A., Tripathi V., Effendy F., Sharma D.K.		3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings			0	0	0	0	0	0	0
2022	Genetic Algorithm based Controller Design for Cane Carrier of Sugar Factory	Jethi G.S., Sunori S.K., Joshi P., Mittal A., Juneja P.		3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings			0	0	1	0	1	0	1
2022	Cryptographic Measures in IoMT: Security Threats and Measurement	Tikkha R., Sharma S.		2022 13th International Conference on Computing Communication and Networking Technologies, ICCCNT 2022			0	1	2	0	3	0	3
2022	Augmented Reality in Medical Education: An Industry 4.0 Enabled Innovative Approach	Goswami S., Sharma S.		3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings			0	0	3	0	3	0	3
2022	Design of K-Means Clustering & SVM based Models for Soil Fertility Classification	Sunori S.K., Pant J., Pant H., Manu M., Juneja P.		3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings			0	0	1	0	1	0	1
2022	Multi-modal Sentiment Analysis of Audio and Visual Context of the Data using Machine Learning	Juyal P.		3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings			0	0	1	1	2	0	2
2022	Statistical Downscaling and Time Series Analysis for Future Scenarios of Temperature in Haridwar District, Uttarakhand	Singh G., Mishra N., Thakural L.N.		Computational Intelligence-based Time Series Analysis			0	0	0	0	0	0	0
2022	Analysis and Prediction of Daily Closing Price of Commodity Index Using Auto Regressive Integrated Moving Averages	Dhyani B., Kumar M., Verma P., Barthwal A.		Computational Intelligence-based Time Series Analysis			0	0	0	0	0	0	0
2022	Preface	Bisht D.C.S., Ram M.		Computational Intelligence-based Time Series Analysis			0	0	0	0	0	0	0
2022	Computational Intelligence-based Time Series Analysis	Bisht D.C.S., Ram M.		Computational Intelligence-based Time Series Analysis			0	0	0	0	0	0	0
2022	Graphene oxides and its composites as new generation adsorbents for remediation of toxic pollutants from water: An overview	Nayak A., Bhushan B., Kukretee N., Kotnala S.		Sustainable Materials for Sensing and Remediation of Noxious Pollutants			0	0	1	0	1	0	1
2022	Nanosize Al2O3 reinforcement in Si-rich aluminum MMC for enhanced tribological performance in engine components	Singla A., Singh Y.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering			0	0	1	0	1	0	1
2022	New Approach to Fast and Hyperstable State Observers for Stochastic and Complex Systems	Kitmo, Pierre N.B., Bajaj M., Aboras K.M., Hossain I.	1110662X	International Journal of Photoenergy	2022		0	0	1	0	1	0	1
2022	Voltage Quality Enhancement of Low-Voltage Smart Distribution System Using Robust and Optimized DVR Controllers: Application of the Harris Hawks Algorithm	Mahmoud M.M., Esmail Y.M., Atia B.S., Kamel O.M., Aboras K.M., Bajaj M., Hussain Bukhari S.S., Mbadjoun Wapet D.E.	20507038	International Transactions on Electrical Energy Systems	2022		0	1	14	0	15	0	15
2022	Face Recognition Based Student Attendance System	Tyagi V., Singh H., Kumar A., Sinha A.		2022 IEEE Global Conference on Computing, Power and Communication Technologies, GlobConPT 2022			0	0	0	0	0	0	0
2022	Agriphotovoltaic System to Improve Land Productivity and Revenue of Farmer	Giri N.C., Mohanty R.C., Shaw R.N., Poonia S., Bajaj M., Belkhier Y.		2022 IEEE Global Conference on Computing, Power and Communication Technologies, GlobConPT 2022			0	0	1	0	1	0	1
2022	Quick detection and confirmation of microbes in food and water	Franco-Duarte R., Kadam S., Kaushik K.S., Painuli S., Semwal P., Cruz-Martins N., Rodrigues C.F.		Present Knowledge in Food Safety: A Risk-Based Approach through the Food Chain			0	0	1	0	1	0	1
2022	A Novel Technique for Ensembled Learning based on Convolution Neural Network	Sindhuja P., Kousalya A., Paul N.R.R., Pant B., Kumar P., Sharma D.K.		International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings			0	0	0	0	0	0	0
2022	DNA Sequencing using Artificial Intelligence	Goswami S., Sharma S.		International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings			0	0	4	0	4	0	4
2022	An Optimized Crossover Framework for Social Media Sentiment Analysis	Samant S.S., Singh V., Chauhan A., Dasarahalli Narasimaiah J.	1969722	Cybernetics and Systems			0	0	1	1	2	0	2
2022	Design and Development of Fibonacci Code for SAC-OCDMA System	Sahraoui W., Amphawan A., Khebat M., Rubanenko O., Kuchanskyy V., Bajaj M., Kouider C.H., Berrah S.		2022 IEEE 41st International Conference on Electronics and Nanotechnology, ELNANO 2022 - Proceedings			0	0	0	0	0	0	0
2022	Processing and Characterization of Novel Bio-Waste Hybrid Brick Composites for Pollution Control	Kumar N., Gaur P., Kaliappan S., Natrayan L., Socrates S., Patil P.P., Thanappan S.	15653633	Bioinorganic Chemistry and Applications	2022		0	6	14	0	20	0	20
2022	Mechanical, wear, and dielectric properties of opuntia cladode fiber and pearl millet biochar-reinforced epoxy composite	Jayabalakrishnan D., Jayaseelan V., Patil P.P., Ramesh B., Bhaskar K.	21906815	Biomass Conversion and Biorefinery			0	0	2	0	2	0	2
2022	Electro discharge machining of lychee fruit husk derived C-dots deionized green dielectric on AA7050-TiB2 metal matrix composite	Chandravadhana S., Nagabhooshanam N., Kaliappan S., Thiyagu M., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	0	0	0	0	0	0
2022	A Review on Properties of Heavy Weight Concrete	Kukreti A., Kundra P., Kathait L., Garg N., Kumar S.	17551307	IOP Conference Series: Earth and Environmental Science	1086	1	0	0	3	0	3	0	3

2022	Utilization of Plastic Waste as a Partial Replacement of Coarse Aggregates in Concrete	Gour M.A., Sharma S.K., Garg N., Das S.K., Kumar S.	17551307	IOP Conference Series: Earth and Environmental Science	1086	1	0	0	0	1	1	0	1
2022	Optimising partial replacement of coarse and fine aggregates with medical PP plastic and HIPS plastic waste to develop lightweight concrete	Khaudiyal S., Gour M.A., Garg N., Das S.K., Kumar S.	17551307	IOP Conference Series: Earth and Environmental Science	1086	1	0	0	0	0	0	0	0
2022	Utilization of High Impact Polystyrene(HIPS) Plastic Waste as a Partial Replacement of Fine Aggregates in Lightweight Concrete	Sharma S.K., Khaudiyal S., Garg N., Das S.K., Kumar S.	17551307	IOP Conference Series: Earth and Environmental Science	1086	1	0	0	0	0	0	0	0
2022	Detection of COVID-19 Infection in CT and X-ray images using transfer learning approach	Tiwari A., Tripathi S., Pandey D.C., Sharma N., Sharma S.	9287329	Technology and Health Care	30	6	0	0	2	1	3	0	3
2022	An Improved Deep Learning-Based Technique for Driver Detection and Driver Assistance in Electric Vehicles with Better Performance	Balan G., Arumugam S., Muthusamy S., Panchal H., Kotb H., Bajaj M., Ghoneim S.S.M., Kitmo	20507038	International Transactions on Electrical Energy Systems	2022		0	2	11	0	13	0	13
2022	Analysis of different buffer layers on CuO based solar cells using SCAPS-1D	Mishra V., Tiwari C., Chauhan R.	17551307	IOP Conference Series: Earth and Environmental Science	1084	1	0	0	4	0	4	0	4
2022	Development of epoxy-based fiber metal laminate using nanosilica and Abelmoschus esculentus fiber for steam turbine applications	Ramesh G., Uvaraja V.C., Jayaraja B.G., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	0	1	0	1	0	1
2022	Simulation of Vending Machine Design using Verilog HDL	Sati R., Mishra V., Verma G.		2022 2nd Asian Conference on Innovation in Technology, ASIANCON 2022			0	0	0	0	0	0	0
2022	Analysis of Conventional and FL based MPPT Controllers for a PV Systems	Charu K., Thakur P., Ansari M.F.		2022 2nd Asian Conference on Innovation in Technology, ASIANCON 2022			0	0	0	0	0	0	0
2022	Development of A Surveillance System to Detect Forest Fire and Smoke Using Deep Neural Networks	Subramanian M., Shanmugavadivel K., Muthusamy S., Bajaj M., Rubanenko O., Danylchenko D.		2022 IEEE 3rd KhPI Week on Advanced Technology, KhPI Week 2022 - Conference Proceedings			0	0	1	0	1	0	1
2022	Performance Analysis for Cloud-Based Olap over Big Data	Jagan S., Mishra P., Turai A.K., Joan N.D., Anuradha N., Gangodkar D., Perwej Y.		Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022			0	1	0	0	1	0	1
2022	Electronic Copy Technologies for IoT Machinery	Armstrong Joseph J., Dhiman G., Saxena S., Korde S.K., Bhasin N.K.		Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022			0	0	1	0	1	0	1
2022	A Review on Live Memory Acquisition Approaches for Digital Forensics	Dangi S., Bisht D.		Mathematical Modeling for Intelligent Systems: Theory, Methods, and Simulation			0	0	1	0	1	0	1
2022	A Novel Machine Learning Approach of Multi-omics Data Prediction	Rao B.S., Lavanya S., Kajendran K., Sharma P.P., Verma D., Radhakrishnan P., Manikandan G.		Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022			0	0	2	0	2	0	2
2022	Improved LBP and Discriminative LBP: Two novel local descriptors for Face Recognition	Karanwal S.		IEEE International Conference on Data Science and Information System, ICDSIS 2022			0	0	1	0	1	0	1
2022	Improving the Performance of Distance Relay-Based Artificial Neural Network	Dashtdar M., Belik M., Yadav A., Hosseinimoghadam S.M.S., Bajaj M., Rubanenko O.		2022 IEEE 3rd KhPI Week on Advanced Technology, KhPI Week 2022 - Conference Proceedings			0	0	0	0	0	0	0
2022	3DOFPID Controller Tuned with Donkey and Smuggler Optimization Algorithm for LFC of Interconnected Power System with Communication Time Delays	Kalyan C.H.N.S., Srikanth Goud B., Suresh C.V., Bajaj M., Rubanenko O., Danylchenko D.		2022 IEEE 3rd KhPI Week on Advanced Technology, KhPI Week 2022 - Conference Proceedings			0	0	0	0	0	0	0
2022	Fruit Fly Optimization Algorithm Tuned 2DOFPID Controller for Frequency Regulation of Dual Area Power System With AC-DC Lines	Kalyan C.H.N.S., Srikanth Goud B., Kumar M.K., Bajaj M., Rubanenko O., Danylchenko D.		2022 IEEE 3rd KhPI Week on Advanced Technology, KhPI Week 2022 - Conference Proceedings			0	1	3	0	4	0	4
2022	Redox Flow Battery and TCSC-based Territory Control Mechanism for LFC of Dual Area Reheat Hydro-Thermal Power System	Kalyan C.N.S., Srikanth Goud B., Suresh C.V., Bajaj M., Rubanenko O., Danylchenko D.		2022 IEEE 3rd KhPI Week on Advanced Technology, KhPI Week 2022 - Conference Proceedings			0	0	4	0	4	0	4
2022	In vitro micrografting to induce juvenility and improvement of rooting	Pant M., Husen A.		Environmental, Physiological and Chemical Controls of Adventitious Rooting in Cuttings			0	0	1	0	1	0	1
2022	Adventitious root formation in ornamental and horticulture plants	Pant M., Gautam A., Chaudhary S., Singh A., Husen A.		Environmental, Physiological and Chemical Controls of Adventitious Rooting in Cuttings			0	0	0	0	0	0	0
2022	Micropropagation in mature trees by manipulation of phase change, stress, and culture environment	Pant M., Husen A.		Environmental, Physiological and Chemical Controls of Adventitious Rooting in Cuttings			0	0	0	0	0	0	0
2022	Sustainable Fast Setting Early Strength Self Compacting Concrete(FSESSCC) Using Metakaolin	Diddi P.K., Sharma P.K., Srivastava A., Madduru S.R.C., Reddy E.S.	17551307	IOP Conference Series: Earth and Environmental Science	1077	1	0	0	0	0	0	0	0
2022	Effect of α-aluminium oxide nano additives with Sal biodiesel blend as a potential alternative fuel for existing DI diesel engine	Sharma A., Pali H.S., Kumar M., Singh N.K., Rahim E.A., Singh Y., Gupta N.K.	0958305X	Energy and Environment			0	0	5	0	5	0	5
2022	Design and Analysis of Non-uniform Transmission Line Based Dual-Band Bandpass Filter	Gupta M., Kansal M., Thyagarajan S., Chauhan P.S., Upadhyay D.K.	18761100	Lecture Notes in Electrical Engineering	911		0	0	0	0	0	0	0
2022	Effect of natural convection on 3D MHD flow of MoS2–GO/H2O via porous surface due to multiple slip mechanisms	Pandey A.K., Upreti H., Joshi N., Uddin Z.	16583655	Journal of Taibah University for Science	16	1	0	1	30	4	35	0	35
2022	Comparative Analysis of Different Low Band Gap Source Materials in Heterojunction Hetero-Dielectric GAA TFET	Tiwari C., Mishra V., Haque A.A., Verma Y.K., Gupta S.K.	18761100	Lecture Notes in Electrical Engineering	911		0	0	0	0	0	0	0

2022	Optimisation of an FEOQ model for deteriorating items with reliability influence demand	Rajput N., Chauhan A., Pandey R.K.	17442370	International Journal of Services and Operations Management	43	1	0	0	0	0	0	0	0
2022	Mechanical and Wear Behaviour of Nano-Fly Ash Particle-Reinforced Mg Metal Matrix Composites Fabricated by Stir Casting Technique	Santhosh M.S., Natrayan L., Kaliappan S., Patil P.P., Rao Y.S., Kumar T.N.S., Dhanraj J.A., Paramasivam P.	16874110	Journal of Nanomaterials	2022		0	0	15	0	15	0	15
2022	Artificial Intelligence Optimization of Turning Parameters of Nanoparticle-Reinforced P/M Alloy Tool	Muniappan A., Jayaraja B.G., Vignesh T., Singh M., Arunkumar T., Sekar S., Priyadharshini T.R., Pant B., Paramasivam P.	16874110	Journal of Nanomaterials	2022		0	0	2	0	2	0	2
2022	Analysis of Spectroscopic, Morphological Characterization and Interaction of Dye Molecules for the Surface Modification of TiB2Nanoparticles	Mayakannan S., Rathinam R., Saminathan R., Deepalakshmi R., Gopal M., Hillary J.J.M., Nanthakumar S., Ganvir V.Y., Singh P.	16874110	Journal of Nanomaterials	2022		0	0	1	0	1	0	1
2022	Photosynthetic Response of Plants Against Heavy Metals	Rathi S., Mittal N., Kumar D.		Heavy Metals in Plants: Physiological to Molecular Approach			0	0	2	1	3	0	3
2022	Chemical Compositions of Essential Oil from Aerial Parts of Cyclospermum leptophyllum and Its Application as Antibacterial Activity against Some Food Spoilage Bacteria	Gonfa Y.H., Tessema F.B., Gelagle A.A., Getnet S.D., Tadesse M.G., Bachheti A., Bachheti R.K.	20909063	Journal of Chemistry	2022		0	0	3	0	3	0	3
2022	Optimization of Water Absorption and Mechanical and Thermal Behavior of Polylactic Acid/Chitosan/Titanium Carbide	Krishnamohan S., Anandaram H., Rathinam V., Kaliappan S., Sekar S., Patil P.P., Kumar A., Govindaraajan V.	16878434	Advances in Materials Science and Engineering	2022		0	0	0	0	0	0	0
2022	Onboard Pointing Error Detection and Estimation of Observation Satellite Data Using Extended Kalman Filter	Dhanalakshmi R., Bhavani N.P.G., Raju S.S., Shaker Reddy P.C., Marvaluru D., Singh D.P., Batu A.	16875265	Computational Intelligence and Neuroscience	2022		0	5	17	1	23	0	23
2022	High-content Al-T6/pineapple fiber/brass mesh reinforcements on nanosilica-toughened epoxy hybrid natural fiber metal laminate composite for aircraft applications	Ramesh G., Gokilakrishnan G., Jayaraja B.G., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	0	2	0	2	0	2
2022	AI-Assisted Tuberculosis Detection and Classification from Chest X-Rays Using a Deep Learning Normalization-Free Network Model	Acharya V., Dhiman G., Prakasha K., Bahadur P., Choraria A., Sushobhitha M., Sowjanya, Prabhu S., Chadaga K., Viriyasitavat W., Kautish S.	16875265	Computational Intelligence and Neuroscience	2022		0	0	21	0	21	0	21
2022	The Neuroprotective Potential of Endophytic Fungi and Proposed Molecular Mechanism: A Current Update	Semwal P., Painuli S., Anand J., Martins N.C., Machado M., Sharma R., Batiha G.E.-S., Yaro C.A., Lorenzo J.M., Rahman M.M.	1741427X	Evidence-based Complementary and Alternative Medicine	2022		0	0	3	0	3	0	3
2022	Co-pyrolysis Characteristics and Synergistic Interaction of Waste Polyethylene Terephthalate and Woody Biomass towards Bio-Oil Production	Anandaram H., Srivastava B.K., Vijayakumar B., Madhu P., Depoures M.V., Patil P.P., Chhabria S., Patel P.B., Prabhakar S.	20909063	Journal of Chemistry	2022		0	0	5	0	5	0	5
2022	An Inventory Policy for Increasing Holding Cost under the Effect of Stock-Dependent Deterioration and Partial Backlogging	Goel A., Ali M.A.		Applications of Advanced Optimization Techniques in Industrial Engineering			0	0	0	0	0	0	0
2022	Applications of Advanced Optimization Techniques in Industrial Engineering	Goel A., Chauhan A., Malik A.K.		Applications of Advanced Optimization Techniques in Industrial Engineering			0	0	0	0	0	0	0
2022	A Fuzzy Inventory Model for Non-Instantaneous Oxidizing Items with a Nonlinear-Hexagonal Fuzzy Number under the Effect of Learning	Rajput N., Pandey R.K., Chauhan A., Joshi B.C.		Applications of Advanced Optimization Techniques in Industrial Engineering			0	0	0	0	0	0	0
2022	Monitoring Social Distancing for Industries and in Public Areas Using Machine Learning	Agarwal M., Gupta V., Goel A.		Applications of Advanced Optimization Techniques in Industrial Engineering			0	0	0	0	0	0	0
2022	The Improved Unified Power Quality Conditioner with the Modular Multilevel Converter for Power Quality Improvement	Thentral T.M.T., Palanisamy R., Usha S., Vishnuram P., Bajaj M., Sharma N.K., Khan B., Kamel S.	20507038	International Transactions on Electrical Energy Systems	2022		0	0	10	0	10	0	10
2022	Water Hardness Prediction using Fuzzy Subtractive Clustering and GRNN	Sunori S.K., Mittal A., Khan F., Manu M., Agarwal P., Juneja P.		3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings			0	0	1	0	1	0	1
2022	Speed Control of Synchronous Motor using Neurofuzzy Technique	Sunori S.K., Mittal A., Manu M., Sati M.M., Arora S., Juneja P.		3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings			0	0	2	0	2	0	2
2022	Pear cactus fiber with onion sheath biocarbon nanosheet toughened epoxy composite: mechanical, thermal, and electrical properties	Ramaswamy R., Kaliappan S., Natrayan L., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	1	4	0	5	0	5
2022	A Novel Multi-Objective Optimization Based Evolutionary Algorithm for Optimize the Services of Internet of Everything	Singh S.P., Dhiman G., Viriyasitavat W., Kautish S.	21693536	IEEE Access	10		0	0	12	1	13	0	13
2022	Molecular Diversity of Microbes Associated with Fermented Bamboo Shoots	Kumar V., Naik B., Sharma S., Kumar A., Khan J.M., Irfan M.	19853718	Tropical Life Sciences Research	33	3	0	0	2	1	3	0	3
2022	Development and Characterization of Carbon-Based Adsorbents Derived from Agricultural Wastes and Their Effectiveness in Adsorption of Heavy Metals in Waste Water	Natrayan L., Kaliappan S., Dheeraj Kumar Reddy C.N., Karthick M., Sivakumar N.S., Patil P.P., Sekar S., Thanappan S.	15653633	Bioinorganic Chemistry and Applications	2022		0	0	12	4	16	0	16
2022	Sustainable Development Goals and Ageing: Status, Challenges, and Strategies for Policy Implications for India	Kumar S., Prikshat V., Chakraborti J., Patel P., Raina K.		Ageing in Asia and the Pacific in Changing Times: Implications for Sustainable Development			0	1	0	0	1	0	1

2022	NABILD: Noise and Blur Invariant Local Descriptor for Face Recognition	Karanwal S., Diwakar M.	17426588	Journal of Physics: Conference Series	2335	1	0	0	0	0	0	0	0
2022	Investigation of Mechanical and Thermal Properties on Novel Wheat Straw and PAN Fibre Hybrid Green Composites	Kumar N., Kaliappan S., Socrates S., Natrayan L., Patel P.B., Patil P.P., Sekar S., Mammo W.D.	1687806X	International Journal of Chemical Engineering	2022		0	3	7	0	10	0	10
2022	Adventitious root formation and clonal propagation of forest-based tree species	Pant M., Bhandari A., Husen A.		Environmental, Physiological and Chemical Controls of Adventitious Rooting in Cuttings			0	1	0	0	1	0	1
2022	Comparative Analysis of Face Mask Detection Models	Chauhan A., Khurana L., Avinashwar, Singh P., Diwakar M., Tripathi A.	18761100	Lecture Notes in Electrical Engineering	915		0	0	0	0	0	0	0
2022	Machine Translation for Indian Languages Utilizing Recurrent Neural Networks and Attention	Sharma S., Diwakar M.	18761100	Lecture Notes in Electrical Engineering	903		0	0	0	0	0	0	0
2022	Feature Fusion of LBP, HELBP & RD-LBP for Face Recognition	Karanwal S., Diwakar M.	18761100	Lecture Notes in Electrical Engineering	903		0	1	1	0	2	0	2
2022	An integration of autonomic computing with multicore systems for performance optimization in Industrial Internet of Things	Shukla S.K., Pant B., Viriyasitavat W., Verma D., Kautish S., Dhiman G., Kaur A., Srihari K., Mohanty S.N.	17518628	IET Communications			0	0	8	0	8	0	8
2022	NavIC Multipath Signal Analysis for Soil Moisture Sensitivity in the Perspective of a Winter Wheat Crop	Chamoli V., Prakash R., Vidyarthi A.	19378718	Progress In Electromagnetics Research C	123		0	0	0	0	0	0	0
2022	Impact of Digital Assistant Attributes on Millennials' Purchasing Intentions: A Multi-Group Analysis using PLS-SEM, Artificial Neural Network and fsQCA	Sharma M., Joshi S., Luthra S., Kumar A.	13873326	Information Systems Frontiers			0	1	11	0	12	0	12
2022	Influence of nano titanium oxide reinforced Al-7075 matrix composites in stir casting method	Dhanabalakrishnan K.P., Mathan Kumar N., Mothilal T., Yatika G., Mohammed Ali H., Socrates S.	22147853	Materials Today: Proceedings	69		0	0	1	0	1	0	1
2022	Effect of walnut powder reinforcement on the mechanical properties of biodegradable natural flax/hemp fibre-based composites	Rathan Kumar L., Madhu S., Mothilal T., Pratap Singh D., Mohammed Ali H., Raj Kamal M.D.	22147853	Materials Today: Proceedings	69		0	0	16	1	17	0	17
2022	Performance and Environmental Effects of CeO2/ZrO2Nanocomposite in Triple Blend Methyl Ester of Pumpkin and Neem Seed Oil Dosed with Diesel on IC Engine	Dharsini P.S.P., Ahalya N., Kaliappan S., Sekar S., Patil P.P., Pragna V., Pathinettampadian G., Isaac Joshuaramesh Lalvani J., Menasbo K.	16874110	Journal of Nanomaterials	2022		0	2	1	1	4	0	4
2022	Mechanical performance of aloe vera/dharbai-based hybrid epoxy composites with enhanced NaHCO3 treatment	Yogesh P., Paul Singarayar S., Rajkamal M.D., Venkatesh T., kumar Gupta R., Yatika G.	22147853	Materials Today: Proceedings	69		0	0	2	0	2	0	2
2022	Enhanced Power System Flexibility through Energy Storage - RoR Hydro Plant Integration	Bohra R., Rawat N., Ranganathan A.		2022 IEEE Region 10 Symposium, TENSYMP 2022			0	0	0	0	0	0	0
2022	Study on Cu Based Organic Linkers for Effective Emission Control over Diesel Engine Effuluents	Ismail R.M.A., Enemose E.A., Al-Jamal M., Trrad I., Al-Mattarneh H., Tripathi V., Patil P.Y.	10139826	Key Engineering Materials	928		0	0	0	0	0	0	0
2022	Special focus on 3D printing of sulfides/selenides for energy conversion and storage	Dogra V., Verma D., Dalapati G.K., Sharma M., Okhawilai M.		Sulfide and Selenide Based Materials for Emerging Applications: Sustainable Energy Harvesting and Storage Technology			0	0	0	1	1	0	1
2022	An ingenious approach to optimize a special class of transportation problem in uncertain environment	Srivastava P.K., Bisht D.C.S., Chhibber D., Ram M.	9756809	International Journal of System Assurance Engineering and Management			0	0	0	0	0	0	0
2022	Response Surface Methodology Approach to Predict the Flexural Moment of Ferrocement Composites with Weld Mesh and Steel Slag as Partial Replacement for Fine Aggregate	Sridhar J., Shinde G.B., Vivek D., Naseem K., Gaur P., Patil P.P., Tesema M.T.	16878434	Advances in Materials Science and Engineering	2022		0	0	2	0	2	0	2
2022	Significance of Si3N4/Lime powder addition on the mechanical properties of natural calotropis gigantea composites	Tamil Mannan K., Sivaprakash V., Raja S., Kulandasamy M., Patil P.P., Kaliappan S.	22147853	Materials Today: Proceedings	69		0	0	5	0	5	0	5
2022	Valorization of Hazardous Materials along with Biomass for Green Energy Generation and Environmental Sustainability through Pyrolysis	Chhabria S., Raghavendra Rao A.V., Naga Lakshmi V., Patil P.P., Anandaram H., Bhattacharya S., Francisca Kalavathi D., Dhivya A., Neway Jida S.	20909063	Journal of Chemistry	2022		0	0	1	0	1	0	1
2022	Effect of Roselle and biochar reinforced natural fiber composites for construction applications in cryogenic environment	Tamil Mannan K., Sivaprakash V., Raja S., Patil P.P., Kaliappan S., Socrates S.	22147853	Materials Today: Proceedings	69		0	0	3	0	3	0	3
2022	Experimental investigations during fabrication and electrical discharge machining of hybrid Al/(SiC+ZrO2+NiTi) MMC	Maurya S.K., Ghosal A., Manna A.	17485711	International Journal of Machining and Machinability of Materials	24	3-4	0	0	0	0	0	0	0
2022	A review on optimal placement of phasor measurement unit (PMU)	Dixit A., Chowdhury A., Saini P.		System Assurances: Modeling and Management			0	0	1	0	1	0	1
2022	Analysis of NavIC Signal for Loss of Lock Events at L5/S-Band Frequencies	Gusain R., Vidyarthi A., Prakash R., Shukla A.K.		Proceedings - 3rd IEEE India Council International Subsections Conference: Impactful Innovations for Benefits of Society and Industry, INDISCON 2022			0	0	1	0	1	0	1
2022	Investigation on Mechanical Durability Properties of High-Performance Concrete with Nanosilica and Copper Slag	Kumar R., Natarajan S., Singh R., Rajput V.S., Loganathan G.B., Kumar S., Sakthi T., Mahseena A.M.	16874110	Journal of Nanomaterials	2022		0	0	1	0	1	0	1
2022	Design and performance analysis of MIMO PID controllers for a paper machine subsystem	Varshney N., Saini P., Dixit A.		System Assurances: Modeling and Management			0	0	0	0	0	0	0

2022	Quality and Tool Stability Improvement in Turning Operation Using Plastic Compliant Damper	Sathyapriya G., Natarajan U., Sureshkumar B., Navaneethakrishnan G., Palanisamy R., Bajaj M., Sharma N.K., Kitmo	16874110	Journal of Nanomaterials	2022		0	0	2	0	2	0	2
2022	Performance Analysis of VANETs Using Trusted Location and Trustworthiness of Nodes	Das I., Das S., Singh R.P., Kumar A., Sahana S.	18761100	Lecture Notes in Electrical Engineering	914		0	0	0	0	0	0	0
2022	Satellite Data Investigation for Change Estimation During COVID Era by Fusing Pixel and Object-Based Technique	Shakya A.K., Ramola A., Vidyarthi A.	18761100	Lecture Notes in Electrical Engineering	914		0	0	0	0	0	0	0
2022	A Comprehensive Comparative Study Between LBP and LBP Variants in Face Recognition	Karanwal S.	18761100	Lecture Notes in Electrical Engineering	914		0	0	0	0	0	0	0
2022	Artemisia spp.: An Update on Its Chemical Composition, Pharmacological and Toxicological Profiles	Sharifi-Rad J., Herrera-Bravo J., Semwal P., Painuli S., Badoni H., Ezzat S.M., Farid M.M., Merghany R.M., Aborehab N.M., Salem M.A., Sen S., Acharya K., Lapava N., Martorell M., Tynybekov B., Calina D., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2022		0	4	11	3	18	0	18
2022	Plants Diseases Prediction Framework: A Image-Based System Using Deep Learning	Kirola M., Joshi K., Chaudhary S., Singh N., Anandaram H., Gupta A.		Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022			0	2	7	1	10	0	10
2022	Crowd Counting Model Using Convolutional Neural Network	Patwal A., Diwakar M., Tripathi V., Singh P.		Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022			0	1	1	0	2	0	2
2022	Indoor Real-Time Location System for Efficient Location Tracking Using IoT	Verma S., Raj T., Joshi K., Raturi P., Anandaram H., Gupta A.		Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022			0	2	4	0	6	0	6
2022	IoT and WSN integration for Data Acquisition and Supervisory Control	Shah S.K., Joshi K., Khantwal S., Bisht Y.S., Chander H., Gupta A.		Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022			0	4	12	1	17	0	17
2022	Classification Accuracy in Sentiment Analysis using Hybrid and Ensemble Methods	Juyal P.		Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022			0	0	0	0	0	0	0
2022	Influence of Nanosilica Particle Addition on Mechanical and Water Retention Properties of Natural Flax- and Sisal-Based Hybrid Nanocomposites under NaOH Conditions	Natrayan L., Veeman D., Baskara Sethupathy S., Sekar S., Patil P.P., Velmurugan G., Mekonnen H.F.	2636174	Adsorption Science and Technology	2022		0	0	3	0	3	0	3
2022	Climate Change Projections and its Impacts on Potential Malaria Transmission Dynamics in Uttarakhand	Parihar R.S., Bal P.K., Thapliyal A., Saini A.	195138	Journal of Communicable Diseases	54	1	0	0	1	0	1	0	1
2022	A Supervised Learning Identification System for Prognosis of Breast Cancer	Rawat V., Gulati K., Kaur U., Seth J.K., Solanki V., Venkatesh A.N., Singh D.P., Singh N., Loganathan M.	1024123X	Mathematical Problems in Engineering	2022		0	2	4	0	6	0	6
2022	Impact of AlN-SiC Nanoparticle Reinforcement on the Mechanical Behavior of Al 6061-Based Hybrid Composite Developed by the Stir Casting Route	Kaliappan S., Shanmugam A., Johnson P., Karthick M., Sekar S., Patil P.P., Sai M.K.S., Yuvaraj K.P., Govindaraajan V.	16878434	Advances in Materials Science and Engineering	2022		0	0	3	0	3	0	3
2022	Performance Evaluation of Bio Concrete by Cluster and Regression Analysis for Environment Protection	Shukla A., Gupta N., Singh K.R., Kumar Verma P., Bajaj M., Khan A.A., Ayalew F.	16875265	Computational Intelligence and Neuroscience	2022		0	0	6	0	6	0	6
2022	Analyzing the fuzzy reliability of a skim milk powder production system using intuitionistic fuzzy number	Shakshi, Parihar Y., Arora P., Kharola S., Kumar A., Ram M., Kumar A.	20413165	Mathematics in Engineering, Science and Aerospace	13	3	0	1	1	0	2	0	2
2022	An efficient algorithm to eliminate hidden lines using orthographic projection	Dimri S.C., Tiwari U.K., Purohit K.C., Ram M.	20413165	Mathematics in Engineering, Science and Aerospace	13	3	0	1	0	0	1	0	1
2022	Multi-Criteria Decision-Making Techniques for Complex Decision Making Problems	Kumar A., Garg P., Pant S., Ram M., Kumar A.	20413165	Mathematics in Engineering, Science and Aerospace	13	3	0	2	12	1	15	0	15
2022	Two phase software reliability growth model in the presence of imperfect debugging and error generation under fuzzy paradigm	Saxena P., kumar V., Ram M.	20413165	Mathematics in Engineering, Science and Aerospace	13	3	0	2	0	1	3	0	3
2022	Newly developed mathematical methodologies and advancements in a variety of engineering and management domains	Ram M., Bisht D.C.S., Goyal N., Kazancoglu Y., Mathirajan M.	20413165	Mathematics in Engineering, Science and Aerospace	13	3	0	0	0	0	0	0	0
2022	Analysis of Incorporation of Ion-Bombarded Nickel Ions with Silicon Nanocrystals for Microphotonic Devices	Natrayan L., Kumar P.V.A., Kaliappan S., Sekar S., Patil P.P., Jayashri R., Esakki Raj E.S.	16874110	Journal of Nanomaterials	2022		0	1	11	0	12	0	12
2022	Emerging biosensor technology and its potential application in food	Verma D.K., Thakur M., Tripathy S., Mohapatra B., Singh S., Patel A.R., Gupta A.K., Chavez-Gonzalez M.L., Srivastav P.P., Sandoval-Cortes J., Aguilar C.N.		Innovations in Fermentation and Phytopharmaceutical Technologies			0	0	1	0	1	0	1
2022	Optimal strategy for remanufacturing system of sustainable products with trade credit under uncertain scenario	Poswal P., Chauhan A., Aarya D.D., Boadh R., Rajoria Y.K., Gaiola S.U.	22147853	Materials Today: Proceedings	69		0	1	1	0	2	0	2
2022	Fresh and Hardened Properties of Ternary Blended Fast Setting Early Strength Fibre Reinforced Self Compacting Concrete	Diddi P.K., Sharma P.K., Srivastava A., Madduru S.R.C., Reddy E.S.	23321091	Civil Engineering and Architecture	10	6	0	0	0	0	0	0	0
2022	Levelized Multiple Workflow Allocation Strategy Under Precedence Constraints With Task Merging in IaaS Cloud Environment	Ahmad F., Shahid M., Alam M., Ashraf Z., Sajid M., Kotecha K., Dhiman G.	21693536	IEEE Access	10		0	1	14	1	16	0	16
2022	Mechanism, regulation, and inhibition of alkaloids in cancer therapy targeting JAK/STAT pathway	Bose S., Banerjee S., Verma D.K., Thakur M., Singh S., Chavez Gonzalez M.L., Aguilar C.N.		Innovations in Fermentation and Phytopharmaceutical Technologies			0	1	1	0	2	0	2

2022	Face-Mask Recognition and Detection Using Deep Learning	Dagar D., Dagar Y., Sharma R.		2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022			0	0	2	0	2	0	2
2022	Data Security and Protection: A Mechanism for Managing Data Theft and Cybercrime in Online Platforms of Educational Institutions	Mohammed A., Kumar S., Mu'Azu H.G., Kumar R., Shah P., Memoria M., Rawat A., Gupta A.		2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022			0	0	4	0	4	0	4
2022	Role of IOT and Blockchain in Achieving a Vision of Metropolitan's Digital Transformation	Tyagi S., Ansari N., Bisht D., Kumar R., Memoria M., Awasthi M., Sajwan V., Gupta A.		2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022			0	0	8	1	9	0	9
2022	Artificial Intelligence and Smart Cities: A Bibliometric Analysis	Gupta A., Gupta S., Memoria M., Kumar R., Kumar S., Singh D., Tyagi S., Ansari N.		2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022			0	0	6	1	7	0	7
2022	Analysis of Hybrid Wavelet Transformed Images to Improve Image Pixel Quality	Verma D., Pargaien S., Bhatt U.M., Chaube S.		2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022			0	0	1	0	1	0	1
2022	The Importance of Quantifying Financial Returns on Information System (IS) Investment for Organizations: An Analysis	Ahmad S., Kumar S., Kumar M., Kumar R., Vyeshikha, Memoria M., Rawat A., Gupta A.		2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022			0	0	4	0	4	0	4
2022	Model Identification and Controller Simulation for Distillation Column	Sunori S.K., Ajay Joshi K., Arora S., Mohan Sati M., Khan F., Mittal A., Juneja P.		5th International Conference on Inventive Computation Technologies, ICICT 2022 - Proceedings			0	0	1	0	1	0	1
2022	Potential Applications of Fuzzy Logic Controller in the Pulp and Paper Industry - A Review	Juneja P.K., Kumar Sunori S., Manu M., Joshi P., Sharma S., Garia P., Mittal A.		5th International Conference on Inventive Computation Technologies, ICICT 2022 - Proceedings			0	0	0	0	0	0	0
2022	Moisture, Retention and Color Control Strategy in a Paper Mill - A Review	Juneja P.K., Saini P., Dixit A., Varshney N., Sunori S.K.		5th International Conference on Inventive Computation Technologies, ICICT 2022 - Proceedings			0	0	0	0	0	0	0
2022	Reliability redundancy allocation for hybrid electric vehicle using hybrid particle swarm GreyWolf optimizer	Dhillon A., Shagun, Tyagi Y., Bhandari A.S., Kumar A., Ram M.	13598678	Nonlinear Studies	29	3	0	1	2	0	3	0	3
2022	Highly relevant theme of mathematical techniques and advances in various engineering and management domain	Ram M., Anand A., Kumar A., Gaonkar R.S.P., Singh S.B.	13598678	Nonlinear Studies	29	3	0	0	0	0	0	0	0
2022	Qualitative study of delayed predator–prey system in ecology	Shivam, Singh T., Kumar M.	13598678	Nonlinear Studies	29	3	0	1	0	0	1	0	1
2022	Reliability redundancy allocation for water quality monitoring system using hybrid PSO-GWO	Bhandari A.S., Kumar A., Ram M.	13598678	Nonlinear Studies	29	3	0	1	3	0	4	0	4
2022	AI and ML based Prediction of Water Hardness	Negi P.B., Sunori S.K., Negi H., Mittal A., Arora S., Juneja P., Rana A.		2022 2nd International Conference on Intelligent Technologies, CONIT 2022			0	0	2	0	2	0	2
2022	Prediction of the Age and Gender Based on Human Face Images Based on Deep Learning Algorithm	Haseena S., Saroja S., Madavan R., Karthick A., Pant B., Kifetew M.	1748670X	Computational and Mathematical Methods in Medicine	2022		0	0	7	1	8	0	8
2022	Built-In Calibration Standard and Decision Support System for Controlling Structured Data Storage Systems Using Soft Computing Techniques	Chandran G.C., Synthia Regis Prabha D.M.M., Malathi P., Kapila D., Arunkumar M.S., Verma D., Teressa D.M.	16875265	Computational Intelligence and Neuroscience	2022		0	0	0	0	0	0	0
2022	Pre-trained CNN Models and Machine Learning Techniques for Brain Tumor Analysis	Bohra M., Gupta S.		2022 2nd International Conference on Emerging Frontiers in Electrical and Electronic Technologies, ICEFEET 2022			0	1	1	0	2	0	2
2022	User Story Clustering using K-Means Algorithm in Agile Requirement Engineering	Kumar B., Tiwari U.K., Dobhal D.C., Negi H.S.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	0	4	0	4	0	4
2022	Use of Ensemble Based Approach to Predict Health Insurance Premium at Early Stage	Singh P., Singh K.D., Tripathi V., Chaudhari V.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	0	2	0	2	0	2
2022	Supervised Code-Mixed Data Sentiment Analysis	Singh N., Upadhyay Y., Rawat V.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	2	3	0	5	0	5
2022	Optimizing feature-aset in image classification using a hybrid approach	Das P., Dobhal D.C., Singh D., Bist A.S., Verma D.K.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	0	2	0	2	0	2
2022	Diagnosing Parkinson's Disease: Its evolution to future	Indu R., Chandra Dimri S.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	0	1	0	1	0	1
2022	Virtualization and Nested Virtualization Technology: Concept, Architecture and Attack Vector Model	Kapil D., Mittal V., Gangodkar D.P.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	0	2	0	2	0	2

2022	Stroke Disease Prediction based on ECG Signals using Deep Learning Techniques	Anand Kumar M., Abirami N., Guru Prasad M.S., Mohankumar M.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	0	12	0	12	0	12
2022	Crop Prediction Based on Soil Properties using Machine Learning for Smart Farming	Negi H.S., Dimri S.C., Kumar B., Singh A.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	2	3	0	5	0	5
2022	A Comparative Study of various Skin Cancer using Deep Learning Techniques	Rawat V., Singh D.P., Singh N., Kumar P., Goyal T.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	1	3	1	5	0	5
2022	Improve the Response Time with Content Mining based Web Page Ranking	Sharma P.S., Yadav D., Dumka A.		Proceedings of International Conference on Computational Intelligence and Sustainable Engineering Solution, CISES 2022			0	0	0	0	0	0	0
2022	6G - Secure Data Cluster Approach with Blockchain	Ramkumar G., Sreeja B.P., Singh D.P., Perwej Y., Deepa S., Sakthivel D.		Proceedings of 3rd International Conference on Intelligent Engineering and Management, ICIEM 2022			0	0	0	0	0	0	0
2022	A Complete Analysis of Communication Protocols Used in IoT	Matta P., Kukreti S., Sharma S.	23673370	Lecture Notes in Networks and Systems	444		0	0	0	0	0	0	0
2022	A Novel Deep Learning Approach of BH & SH on MANET basis Traffic Prediction with Big Data	Narasima Venkatesh A., Mahaboob John Y.M., Ananthi P., Adusumalli B., Manikumar T., Pant B.		Proceedings of 3rd International Conference on Intelligent Engineering and Management, ICIEM 2022			0	0	0	0	0	0	0
2022	A Critical Review on Sentiment Analysis Techniques	Sharma S., Diwakar M., Joshi K., Singh P., Akram S.V., Gehlot A.		Proceedings of 3rd International Conference on Intelligent Engineering and Management, ICIEM 2022			0	1	2	0	3	0	3
2022	Microbial handling of water using high voltage pulsed electric field	Fahim Ansari M., Afzal F., Afzal A.	22147853	Materials Today: Proceedings	56		0	0	0	0	0	0	0
2022	Framework for Intelligent Smart City Deployment via Artificial Intelligence Software Networking	William P., Shrivastava A., Chauhan H., Nagpal P., Vasantha Kumari T.N., Singh P.		Proceedings of 3rd International Conference on Intelligent Engineering and Management, ICIEM 2022			0	9	22	2	33	0	33
2022	A Recent Trend on Additive Manufacturing Sustainability with Supply Chain Management Concept, Multicriteria Decision Making Techniques	Subramani R., Kaliappan S., Kumar P.V.A., Sekar S., Poures M.V.D., Patil P.P., Raj E.S.E.	16878434	Advances in Materials Science and Engineering	2022		0	0	1	0	1	0	1
2022	Water Retention Behaviour and Fracture Toughness of Coir/Pineapple Leaf Fibre with Addition of Al2O3Hybrid Composites under Ambient Conditions	Natrayan L., Kumar P.V.A., Baskara Sethupathy S., Sekar S., Patil P.P., Velmurugan G., Thanappan S.	2636174	Adsorption Science and Technology	2022		0	0	6	0	6	0	6
2022	Optimisation of Graphene Nanofiller Addition on the Mechanical and Adsorption Properties of Woven Banana/Polyester Hybrid Nanocomposites by Grey-Taguchi Method	Natrayan L., Kumar P.V.A., Kaliappan S., Sekar S., Patil P.P., Velmurugan G., Gurmesa M.D.	2636174	Adsorption Science and Technology	2022		0	0	14	0	14	0	14
2022	IoT-Based Harmful Toxic Gases Monitoring and Fault Detection on the Sensor Dataset Using Deep Learning Techniques	Praveenchandar J., Vetrithangam D., Kaliappan S., Karthick M., Pegada N.K., Patil P.P., Rao S.G., Umar S.	10589244	Scientific Programming	2022		0	1	7	0	8	0	8
2022	Ethnomedicinal Use, Phytochemistry, and Other Potential Application of Aquatic and Semiaquatic Medicinal Plants	Arya A.K., Durgapal M., Bachheti A., Deepti, Joshi K.K., Gonfa Y.H., Bachheti R.K., Husen A.	1741427X	Evidence-based Complementary and Alternative Medicine	2022		0	0	12	1	13	0	13
2022	Energy Efficiency Strategy for Big Data in Cloud Environment Using Deep Reinforcement Learning	Pandey N.K., Diwakar M., Shankar A., Singh P., Khosravi M.R., Kumar V.	1574017X	Mobile Information Systems	2022		0	1	5	2	8	0	8
2022	Analysis of Agriculture and Food Supply Chain through Blockchain and IoT with Light Weight Cluster Head	Adow A.H., Shrivas M.K., Mahdi H.F., Zahra M.M.A., Verma D., Doohan N.V., Jalali A.	16875265	Computational Intelligence and Neuroscience	2022		0	1	6	1	8	0	8
2022	Optimization of 3D Printing Process Parameters of Polylactic Acid Filament Based on the Mechanical Test	Raja S., Agrawal A.P., P Patil P., Thimothy P., Capangpangan R.Y., Singhal P., Wotango M.T.	1687806X	International Journal of Chemical Engineering	2022		0	0	9	0	9	0	9
2022	Tribological study and parameters optimisation of CNT added glass fibre reinforced polymer composite sliding under inert environment	Agrawal S., Singh N., Singh Y., Upadhyay R.	2374068X	Advances in Materials and Processing Technologies	9	3	0	0	1	0	1	0	1
2022	An Effective Deep Learning Model for Health Monitoring and Detection of COVID-19 Infected Patients: An End-to-End Solution	Biradar V.G., Alqahtani M.A., Nagaraj H.C., Ahmed E.A., Tripathi V., Botto-Tobar M., Atiglah H.K.	16875265	Computational Intelligence and Neuroscience	2022		0	1	0	0	1	0	1
2022	Design of ANN Based Classifiers for Soil Fertility of Uttarakhand	Sunori S.K., Negi P.B., Garia P., Arora S., Lohani M.C., Mittal A., Juneja P.		2022 3rd International Conference for Emerging Technology, INCET 2022			0	2	2	0	4	0	4
2022	Binary Classification of Rainfall Level by K-means and Fuzzy C-means Clustering	Mittal A., Sunori S.K., Saxena A., Manu M., Chandra Lohani M., Sharma S., Juneja P.		2022 3rd International Conference for Emerging Technology, INCET 2022			0	1	0	0	1	0	1
2022	Controller Design with Dead Time Compensation for Distillation Column	Sunori S.K., Mittal A., Sharma S., Saxena A.K., Nainwal D., Juneja P.		7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings			0	0	0	0	0	0	0
2022	IoT Enabled Crop Detection System using Soil Analysis	Kumar K., Sharma S., Pandey P., Goyal H.R.		7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings			0	3	2	0	5	0	5
2022	System Identification and Control System Design for Bioreactor Process	Sunori S.K., Mittal A., Joshi N., Bisht V., Gupta N., Juneja P.		7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings			0	0	0	0	0	0	0

2022	Radial Orthogonal Mean Local Binary Pattern: An Illumination Invariant Feature Extraction Method	Karanwal S.		7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings			0	0	2	0	2	0	2
2022	Design of Improved Acetone Gas Sensors Based on ZnO Doped rGO Nanosheets	Gangodkar D., Rane L., Karanam S.A.K., Daware P., Taka G., Roy B.	2555476	Materials Science Forum	1068		0	0	0	0	0	0	0
2022	Effect of Processing Optimization on the Dispersion of Polycarbonate Red Dye on Compounded Plastics	Alsadi J., Ismail R.M.A., Trrad I., Singh P., Potrich E., Cotrina-Aliaga J.C.	2555476	Materials Science Forum	1068		0	0	1	0	1	0	1
2022	Architecture Fibrous Meso-Porous Silica Spheres as Enhanced Adsorbent for Effective Capturing for CO2 Gas	Alsadi J., Tripathi V., Amaral L.S., Potrich E., Hasham S.H., Patil P.Y., Omoniyi E.M.	10139826	Key Engineering Materials	928		0	0	0	0	0	0	0
2022	Optimization of Leach Protocol in Wireless Sensor Network Using Machine Learning	Ramesh S., Rajalakshmi R., Dwivedi J.N., Selvakanmani S., Pant B., Bharath Kumar N., Fissiha Demssie Z.	16875265	Computational Intelligence and Neuroscience	2022		0	2	2	0	4	0	4
2022	Polymer Filament Process Parameter Optimization with Mechanical Test and Morphology Analysis	Subramani R., Kaliappan S., Sekar S., Patil P.P., Usha R., Manasa N., Esakkiraj E.S.	16878434	Advances in Materials Science and Engineering	2022		0	2	3	0	5	0	5
2022	Directional Radial Median-Local Binary Pattern (DRM-LBP): A Noise-invariant Descriptor in Pose Variations	Karanwal S., Diwakar M.	23673370	Lecture Notes in Networks and Systems	427		0	0	0	0	0	0	0
2022	Investigation of Diabetes Care in Elder Individuals Using Artificial Intelligence	Vyas S., Gupta S., Tarar S., Omarov B., Pant B., Bangare J.L., Bhowmik T.	1469428	Journal of Food Quality	2022		0	0	1	0	1	0	1
2022	Multiresponse Optimization of Mechanical Behaviour of Calotropis gigantea/Nano-Silicon-Based Hybrid Nanocomposites under Cryogenic Environment	Ponnusamy M., Natrayan L., Patil P.P., Velmurugan G., Thanappan S.	2636174	Adsorption Science and Technology	2022		0	1	7	0	8	0	8
2022	Statistical Analysis on Interlaminar Shear Strength of Nanosilica Addition with Woven Dharbai/Epoxy Hybrid Nanocomposites under Cryogenic Environment by Taguchi Technique	Ponnusamy M., Natrayan L., Patil P.P., Velmurugan G., Keno Y.T.	2636174	Adsorption Science and Technology	2022		0	2	7	0	9	0	9
2022	Relevant-Based Feature Ranking (RBFR) Method for Text Classification Based on Machine Learning Algorithm	Jasti V.D.P., Kumar G.K., Kumar M.S., Maheshwari V., Jayagopal P., Pant B., Karthick A., Muhibbullah M.	16874110	Journal of Nanomaterials	2022		0	1	5	1	7	0	7
2022	A Body Area Network Approach for Stroke-Related Disease Diagnosis Using Artificial Intelligence with Deep Learning Techniques	Kumar M.A., Kumar A.S.	18650929	Communications in Computer and Information Science	1613		0	0	7	0	7	0	7
2022	Multiclass Classification of Disease Using CNN and SVM of Medical Imaging	Tiwari P., Upadhyay D., Pant B., Mohd N.	18650929	Communications in Computer and Information Science	1614		0	0	4	0	4	0	4
2022	Optimization of CO2Concentration on Mortality of Various Stages of Callosobruchus maculatus and Development of Controlled Atmosphere Storage Structure for Black Gram Grains	Shankar V.S., Velmurugan G., Kaliappan S., Baskara Sethupathy S., Sekar S., Patil P.P., Anitha G., Kailo G.G.	2636174	Adsorption Science and Technology	2022		0	4	9	0	13	0	13
2022	Methylene Blue Dye Photodegradation during Synthesis and Characterization of WO3Nanoparticles	Surakasi R., Alimuddin, Rao Y.S., Sanuj A.K., Patil P.P., Jayaganthan A., Hechhu R.	2636174	Adsorption Science and Technology	2022		0	0	2	2	4	0	4
2022	Effect of Nano TiO2Filler Addition on Mechanical Properties of Bamboo/Polyester Hybrid Composites and Parameters Optimized Using Grey Taguchi Method	Natrayan L., Kumar P.V.A., Baskara Sethupathy S., Sekar S., Patil P.P., Velmurugan G., Thanappan S.	2636174	Adsorption Science and Technology	2022		0	6	12	1	19	0	19
2022	Experimental Investigation on the Effectiveness of Solar Still and Its Effect on Adsorption with Various Dyes	Sakthivel T.G., Arjunan T.V., Natrayan L., Kumar P.V.A., Patil P.P., Manikandan R., Muniappan A., Paramasivam P.	2636174	Adsorption Science and Technology	2022		0	5	3	0	8	0	8
2022	Adaptive IoT Enabled Flood Management System: An Artificial Intelligence Approach	Goyal H.R., Ghanshala K.K., Sharma S.	2210142X	International Journal of Computing and Digital Systems	12	1	0	0	1	0	1	0	1
2022	Synthesis and Analysis of Impregnation on Activated Carbon in Multiwalled Carbon Nanotube for Cu Adsorption from Wastewater	Natrayan L., Arul Kumar P.V., Dhanraj J.A., Kaliappan S., Sivakumar N.S., Patil P.P., Sekar S., Paramasivam P.	15653633	Bioinorganic Chemistry and Applications	2022		0	5	16	1	22	0	22
2022	Preparation and characterization of opuntia-cladode fiber and citron peel biochar toughened epoxy biocomposite	Senthil Kannan N., Nagabhooshanam N., Kumar A., V. Rao P.K., Patil P.P., Kala Bharathi B.V.V.L.	2728397	Polymer Composites			0	0	0	1	1	0	1
2022	Influence of Epoxy/Nanosilica on Mechanical Performance of Hemp/Kevlar Fiber Reinforced Hybrid Composite with an Ultrasonic Frequency	Velmurugan G., Natrayan L., Rao Y.S., Gaur P., Sekar S., Chebolu R., Patil P.P., Paramasivam P.	2636174	Adsorption Science and Technology	2022		0	6	16	0	22	0	22
2022	Interlaminar Shear, Bending, and Water Retention Behavior of Nano-SiO2 Filler-Incorporated Dharbai/Glass Fiber-Based Hybrid Composites under Cryogenic Environment	Natrayan L., Sathish T., Baskara Sethupathy S., Sekar S., Patil P.P., Velmurugan G., Hailu H.	2636174	Adsorption Science and Technology	2022		0	0	7	0	7	0	7
2022	Various Controllers Design for Lime Kiln Unit of Paper Mill	Sunori S.K., Bhakuni A.S., Arora S., Khan F., Agarwal P., Mittal A., Juneja P.		2022 IEEE 7th International conference for Convergence in Technology, I2CT 2022			0	0	0	0	0	0	0
2022	Integrating Multiclass Light Weighted BiLSTM Model for Classifying Negative Emotions	Bhende M., Thakare A., Pant B., Singhal P., Shinde S., Dugbakie B.N.	16875265	Computational Intelligence and Neuroscience	2022		0	1	4	0	5	0	5
2022	Rise of Blockchain-Based Non-fungible Tokens (NFTs): Overview, Trends, and Future Prospects	Vardhan Singh Rawat H., Bisht D., Kumar S., Dangi S.	23674512	Lecture Notes on Data Engineering and Communications Technologies	132		0	0	1	1	2	0	2
2022	Comparative Analysis of Neural Networks and Deep Learning using Wireless Communication	Dixit G.K., Ch V., Barbosa V.J., Jeelani S.H., Johari L., Shukla S.K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0

2022	The Impact of Block Chain in Accounting and Auditing Domain - A Critical Approach for Enhanced Efficiency and Transparency	Johri S., Mehta K., Suhashini J., Shukla P.K., Podile V., Singh D.P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	1	2	0	3	0	3
2022	Wireless Sensor Network using Control Communication and Monitoring of Smart Grid	Kumar T.C.H.A., Dixit G.K., Singh R., Narukullapati B.K., Chakravarthi M.K., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	2	0	2	0	2
2022	A Framework for Big Data Analytics with Wireless Communication of Network, Internet of Things and Cyber Security	Tedyyana A., Sivakumar G., Kumar A., Velayudham A., Pavithra M., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Study on Recognising the Application of Multiple Big Data Technologies and its Related Issues, Difficulties and Opportunities	Sharma M., Hagar A.A., Krishna Murthy G.R., Beyane K., Gawali B.W., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Implementation of Big Data With Cloud and Edge Computing in Enhancing the Smart Grid Information Processes Through Sem Model	Chahar A., Christobel Y.A., Ritika, Adakane P.K., Sonal D., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	A Comparative Analysis of the Growing Role of Blockchain Technology in the Healthcare Sector	Umrao D., Rakshe D.S., Prakash A.J., Korde S.K., Singh D.P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	The Model of Smart Sensing Device For Sensitive Nanoclusters Modification in Sensing Properties	Abhilasha A., Sreenivasulu A., Manimozhi T., Kumar P.S., Selvakumar P., Singh P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Detailed Investigation of Implementation of Internet of Things (IOT) in Cyber Security in Healthcare Sector	Ganai P.T., Bag A., Sable A., Abdullah K.H., Bhatia S., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	12	0	12	0	12
2022	A Review of Bio-Cell Culture Processes in Real-Time Monitoring Approach with Cloud Computing Techniques	Nagarathna S.B., Gehlot A., Tiwari M., Tiwari T., Chakravarthi M.K., Verma D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	3	0	3	0	3
2022	Cluster, Cloud, Grid Computing via Network Communication Using Control Communication and Monitoring of Smart Grid	Kumar S., Kumar N.M.G., Geetha B.T., Sangeetha M., Chakravarthi M.K., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	1	4	0	5	0	5
2022	Financial Market Sentiment Prediction Technology and Application Based on Machine Learning Model	Mousa S., Ramkumar G., Mohamma A.J., Othman B., Narayana M.S., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	A Critical Investigation in the Approach Suggested to Maintain the Quality of Service in Wireless Ad Hoc Network Solutions	Ramirez-Asis H., Asnate-Salazar E., Ramirez-Asis E., Alvarado-Tolentino J., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	A Framework of Internet of Things (IOT) for the Manufacturing and Image Classifaication System	Gupta A.D., Rafi S.M., Singh N., Gupta V.K., Jaiswal S., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	1	2	0	2
2022	Understand the Application of Efficient Green Cloud Computing Through Micro Smart Grid in Order to Power Internet Data Center	Doss R., Gupta S., Chakravarthi M.K., Channi H.K., Koti A.V., Singh P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Survey in Using Machine Learning (Ml) Approaches for the Diagnosis of Personal Stress	Kumar B., Reddy T.R., Sharma D., Dewani S., Narayana M.S., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	Detailed Investigation of Influence of Machine learning (ML) and Big Data on Digital Transformation in Marketing	Jain A., Ramachandran K.K., Sharma S., Sharma T., Pareek P., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	4	0	4	0	4
2022	Exploratory Data Analysis Based on Micro grids Generation for Control Communication and Monitoring via Wireless Sensor Network	Jain B., Sirdeshpande S., Gowtham M.S., Josephson P.J., Chakravarthi M.K., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	3	0	3	0	3
2022	Traffic Response System Based on Data Mining and Internet of Things (Iot) For Preventing Accidents	Lakshmi P.S., Saxena M., Koli S., Joshi K., Abdullah K.H., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	3	5	1	9	0	9
2022	Deep Learning Understanding Of Skin Disease Management	Saxena A., Shashikala R., Satpathy G., Manikandan E., Kumar A., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Non - Linear Analysis with Experiment of Rc Tower with wind Loading Telecommunication	Pranavan S., Bano S., Tiwari K.K., Pareek P., Narayana M.S., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0

2022	An Empirical Investigation in Applying Reliable Industry 4.0 Based Machine Learning (ML) Approaches in Analysing and Monitoring Smart Meters using Multivariate Analysis of Variance (Manova)	Rana M.S., Dixit A.K., Rajan M.S., Malhotra S., Radhika S., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Power System Monitoring, Control and Protection for Network, IOT and Cyber Security	Nagesh O.S., Tripathi S., Kumar Prasad S.B., Hariramakrishnan P., Gehlot A., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	2	2	0	4	0	4
2022	Wide Range Data Transmission In Deep Water Sensor Network With Waves Via Wireless	Someswararao K., Umamaheswaran S.K., Umrao D., Lal S.P., Narayana M.S., Shukla S.K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Design A Wireless Network Data Security System for Medical Records Using Cryptography	Khatiwada P., Joshi S., Mohan K.M., Chouhan K., Gangodkar D., Khan Z.Z.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	A Conceptual Analysis on the Impact of Big Data Analytics Toward on Digital Marketing Transformation	Ramirez-Asis H., Silva-Zapata M., Ramirez-Asis E., Sharma T., Durga S., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	The role of implementing Machine Learning approaches in enhancing the effectiveness of HealthCare service	Umamaheswaran S.K., Munagala N.K., Mishra D., Othman B., Sinthu S., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Automatic Assisstance System Based on Machine Learning for Effective Crowd Management	Saxena D., Kumar S., Tyagi P.K., Singh A., Pant B., Reddy Dornadula V.H.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Plant Disease Detection Using CNN and Deep Learning Techniques Merged with the Concepts of Machine Learning	Sajitha N., Nema S., Bhavya K.R., Seethapathy P., Pant K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	5	0	5	0	5
2022	A Conceptual Analysis on the Impact of Internet of Things (IOT) Towards on Digital Marketing Transformation	Jindal T., Sheoliha N., Kishore K., Uike D., Khurana S., Verma D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	IoT Based Multi-Layered Security Network Authentication System Development Using Blockchain Technology Management	Gupta S., Sharma M.K., Singh R., Almashaqbeh H.A., Rajat, Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Critical Significance of Using Machine Learning in Strengthening Financial Risk Management in Banking Firms	Johri S., Qureshi N.I., Mehta K., Othman B., Waghmare S., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	2	0	2	0	2
2022	Circumstantial Discussion on Security and Privacy Protection using Cloud Computing Technology	Lourens M., Naureen A., Guha S.K., Ahamad S., Dharamvir, Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Application of the Internet of Things (IoT) to establish a technologically advanced Industry 4.0 for long-term growth and development	Pallavi B., Othman B., Trivedi G., Manan N., Pawar R.S., Singh D.P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Review of Physiological Signal Processing via Machine Learning (ML) for Personal Stress Detection	Lourens M., Beram S.M., Borah B.B., Dube A.P., Deka A., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	Develop a Model for Assessing the Most Efficient Diseases Diagnosis using Machine Learning	Vives L., Basha N.K., Poonam, Gehlot A., Chole V., Pant K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	1	0	0	1	0	1
2022	Medical Image Classification for Disease Prediction with the AID of Machine Learning Approach	Kumar I.P., Kumar T.S., Bhardwaj A., Prakash S., Adakane P.K., Verma D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Intelligent Smart City Deployment Via Artificial Intelligence Software Networking	Gupta A.D., Kishore K., Prasad A.B., Kannadasan B., Narayana M.S., Singh P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Face Spoof Detection in Artificial Neural Networks Using Concepts of Machine Learning	Rani S., Acharjee P.B., Kaswan S., Athavale V.A., Udhayamoorthi M., Pant K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Critical Role of Implementing Blockchain Technology in Enhancing Financial Risk Management in the Cryptocurrency Market	Almashaqbeh H.A., Malyadri P., Reddy B.S., Akram S.V., Narayana M.S., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Artificial Intelligence Wireless Network Data Security System For Medical Records Using Cryptography Management	Saxena A., Misra D., Ganesamoorthy R., Arias Gonzales J.L., Almashaqbeh H.A., Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	3	0	3	0	3

2022	Monitoring and Controlling Data Through the Internet of Things (IOT) System: A Framework to Measure the Public Health	Veeraiah V., Prasad A.B., Sapna S., Verma D., Pranavan S., Dasuki A.I.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	A Face Recognition Method In Machine Learning (ML) For Enhancing Security In Smart Home	Alshar'e M., Al Nasar M.R., Kumar R., Sharma M., Dharamvir, Tripathi V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Comprehensive Study of Using Internet of Things (IOT) in Monitoring System for Smart Agriculture	Kumhar S.H., Rafi S.M., Gupta A.D., Prakash V., Kirmani M.M., Shukla S.K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	1	0	0	1	0	1
2022	A study on the adoption of Wireless Communication in Big Data Analytics Using Neural Networks and Deep Learning	Rohini P., Tripathi S., Preeti C.M., Renuka A., Gonzales J.L.A., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	1	3	1	5	0	5
2022	The Progressive Role of Machine learning in Enhancing the Effectiveness of Digital Marketing in Emerging Economies	Jayashree S., Sidana N., Pham L.T., Kunju L.M., Ratnavalli B., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Conceptual Analysis on the Impact of Machine Learning Towards on Digital Marketing Transformation	Ramkumar G., Othman B., Malviya B., Mohamma A.J., Narayana M.S., Verma D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	A Review of Using CNN Approach for Lung Cancer Detection Through Machine Learning	Thaseen M., Umamaheswaran S.K., Naik D.A., Aware M.S., Pundhir P., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	4	0	4	0	4
2022	To Understand the Critical Measures of Enhanced Security in Cloud Computing for Creating Better Data Protection	Lourens M., Neela V., Jambukesh H.J., Khan H., Pant B.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Strategic Evaluation of Implementing Artificial Intelligence Towards Shaping Entrepreneurial Development During Covid- 19 Outbreaks	Vijayalakshmi S., Hasan F., Priyadarshini S.M., Durga S., Verma V., Podile V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Role of Smart Grid Data Analytics in Enhancing the Paradigm of Energy Management for Sustainable Development	Ahmed R., Das Gupta A., Krishnamurthy R.M., Goyal M., Kumar K.S., Gangodkar D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Emerging Role of Integrating Artificial Intelligence (Ai) in the Software Defined Network for Effective Traffic Prediction using Correlation Analysis	Sridharan A., Othman B.A., Shukla S.K., Tripathi A., Pandey A., Tongkachok K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Internet of Things (IOT) Based Assessment for Effective Monitoring Data Against Malicious Attacks on Financial Collectors	Rana M.S., Cavaliere L.P.L., Mishra A.B., Padhye P., Singh R.R., Khanna R.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Block Chain Technology to Protect Data Access Using Intelligent Contracts Mechanism Security Framework for 5g Networks	Kapula P.R., Jeslin J.G., Hosamani G., Vats P., Shelke C.J., Shukla S.K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	2	1	3	0	3
2022	IoT Engineering Nanomaterial's Approach To Sustainable Advance Crop Production Management	Shashikala R., Singh B.P., Azam M., Magesh C.R., Rajat, Singh D.P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	The Multi Layer Security Network Authentication System Development Through Blockchain Technology	Reddy M.V.B., Kumar R., Bag A., Hagar A.A., Vaithecswaran G., Tripath V.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	A Novel Framework For Data Visualization Via Power System Monitoring Control And Protection Based On Wireless Communication	Mawle P.P., Dhomane G.A., Narukullapati B.K., Venkatesh P.M., Chakravarthi M.K., Kumar Shukla S.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	1	2	0	3	0	3
2022	Design & Implementation of Hotel Recommendation System with Intelligent Data Analytics Collaborative Filtering Based on Machine Learning	Kumar Tyagi P., Beram S.M., Tyagi P., Sulaiman R.B., Pant B., Srivani P.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Machine Learning Science Using Bioinformatics Leads To More Effective Treatments	Kaleem A., Raju G.S., Prasanthi G.S.L.B.V., Patil D.P., Naaz A., Shukla S.K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	0	0	0	0	0
2022	Deep Learning with Unsupervised and Supervised Approaches in Medical Image Analysis	Geetha G., Thimmiaraja J., Shelke C.J., Pavithra G., Sharma V.K., Verma D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	The Critical Understanding on the Emerging Threats and Defensive Aspects in Cryptocurrencies using Machine Learning Techniques	Umamaheswaran S.K., Uike D., Ramachandran K.K., Tharangini A., Suba T., Verma D.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1

2022	Empirical Analysis of Deep learning Techniques for Enhancing Patient Treatment Facilities in Healthcare Sector	Shelke C.J., Kumar K.S., Karetla G.R., Sulthana M.N.S., Beohar R., Pant K.		2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022			0	0	1	0	1	0	1
2022	Effect of Mechanical Properties on Fibre Addition of Flax and Graphene-Based Bionanocomposites	Natrayan L., Kaliappan S., Sethupathy B.S., Sekar S., Patil P.P., Velmurugan G., Tariku Olkeba T.	1687806X	International Journal of Chemical Engineering	2022		0	0	19	0	19	0	19
2022	Investigation on Interlaminar Shear Strength and Moisture Absorption Properties of Soybean Oil Reinforced with Aluminium Trihydrate-Filled Polyester-Based Nanocomposites	Natrayan L., Kaliappan S., Baskara Sethupathy S., Sekar S., Patil P.P., Raja S., Velmurugan G., Abdeta D.B.	16874110	Journal of Nanomaterials	2022		0	1	23	0	24	0	24
2022	Wear Behavior and FESEM Analysis of LM 25 Alloy MMHCs Reinforced with FE3O4and Gr by Utilizing Taguchi's Technique	Gokilakrishnan G., Sathishkumar R., Sivakumar N.S., Kaliappan S., Sekar S., Patil P.P., Subbiah R., Yuvaraj K.P., Tadesse F.W.	16874110	Journal of Nanomaterials	2022		0	0	4	0	4	0	4
2022	A Novel Algorithm to Secure Data in New Generation Health Care System from Cyber Attacks Using IoT	Kavitha A., Rao B.S., Akhtar N., Rafi S.M., Singh P., Das S., Manikandan G.	2347470X	International Journal of Electrical and Electronics Research	10	2	0	1	1	0	2	0	2
2022	Prospects and Challenges of Using Machine Learning for Academic Forecasting	Onyema E.M., Almuzaini K.K., Onu F.U., Verma D., Gregory U.S., Puttaramaiah M., Afriyie R.K.	16875265	Computational Intelligence and Neuroscience	2022		0	1	1	1	3	0	3
2022	Modified handshake protocol-based secure authentication using blockchain technology in WLAN	Diwakar M., Singh P., Shankar A.	14706067	International Journal of Electronic Business	17	3	0	1	1	0	2	0	2
2022	Enhancing Unsupervised Video Representation Learning by Temporal Contrastive Modelling Using 2D CNN	Kumar V., Tripathi V., Pant B.	18650929	Communications in Computer and Information Science	1568		0	2	1	0	3	0	3
2022	Deep Neural Networks for Optimal Selection of Features Related to Flu	Rao B.T., Kumar V.N.L., Padmapriya D., Pant K., Tejaswini B., Alonazi W.B., Almutairi K.M.A., Raj D., Shahabadkar R.	1741427X	Evidence-based Complementary and Alternative Medicine	2022		0	0	2	0	2	0	2
2022	Experimenting an Edge-Cloud Computing Model on the GPULab Fed4Fire Testbed	Tomer V., Sharma S.	19440367	IEEE Workshop on Local and Metropolitan Area Networks	2022-		0	1	0	0	1	0	1
2022	Studies on Corrosion Behavior of Mg-Al-Zn-RE Cast Alloy with Powder-Coated Al and CED Mg by Salt Spray Test, Immersion Test, and Electrochemical Test	Krishnan R., Manivannan S., Patel P.B., Patil P.P., Venkatesh R., Natrayan L., Thanappan S.	1687806X	International Journal of Chemical Engineering	2022		0	1	3	1	5	0	5
2022	Development of Novel Bio-mulberry-Reinforced Polyacrylonitrile (PAN) Fibre Organic Brake Friction Composite Materials	Kumar N., Natrayan L., Kasirajan G., Kaliappan S., Raj Kamal M.D., Patil P.P., Chewaka M.D.	15653633	Bioinorganic Chemistry and Applications	2022		0	5	13	1	19	0	19
2022	Non-timber Forest Products: Current Status and Development	Ahamad F., Bhutiani R., Ruhela M., Rai N.	2524342X	Springer Proceedings in Earth and Environmental Sciences			0	0	1	0	1	0	1
2022	Unsupervised Learning of Spatio-Temporal Representation with Multi-Task Learning for Video Retrieval	Kumar V.		2022 National Conference on Communications, NCC 2022			0	3	1	0	4	0	4
2022	Evolution and Recent Scenario of Nanotechnology in Agriculture and Food Industries	Vijayakumar M.D., Surendhar G.J., Natrayan L., Patil P.P., Ram P.M.B., Paramasivam P.	16874110	Journal of Nanomaterials	2022		0	5	13	2	20	0	20
2022	CFD simulation of thermal hydraulic performance of rectangular solar air heater with combination of boot rib roughness	Singh H., Pratap Singh D., Bahuguna R., Kishore C.	22147853	Materials Today: Proceedings	65		0	0	1	0	1	0	1
2022	Sensitivity investigation of N similar evacuated tubular collectors having series connection by incorporating exergy analysis	Singh D.B.	17428297	International Journal of Exergy	38	3	0	0	0	0	0	0	0
2022	Optimization of the Process of Metal NanoCalcium Oxide Based Biodiesel Production through Simulation Using SuperPro Designer	Surakasi R., Gogulamudi B., Naveen Krishna A., Raja Ambethkar M., Patil P.P., Jayappa P.	23144904	Journal of Engineering (United Kingdom)	2022		0	0	1	0	1	0	1
2022	Effects of the dissimilarity of water depth on energy and exergy efficiencies and productivity of solar energy	Yadav R.K., Kumar M., Singh J., Singh D.B., Kumar N.	17428297	International Journal of Exergy	38	3	0	1	2	1	4	0	4
2022	Prevention and Treatment of Cardiovascular Diseases with Plant Phytochemicals: A Review	Bachheti R.K., Worku L.A., Gonfa Y.H., Zebeaman M., Deepti, Pandey D.P., Bachheti A.	1741427X	Evidence-based Complementary and Alternative Medicine	2022		0	3	15	1	19	0	19
2022	High content cellulosic Abelmoschus esculentus fibre and tamarind kernel powder–reinforced epoxy composite	Nandakumar N., Kaliappan S., Kumar A., Patil P.P.	21906815	Biomass Conversion and Biorefinery			0	0	2	1	3	0	3
2022	Flash Pyrolysis Experiment on Albizia odoratissima Biomass under Different Operating Conditions: A Comparative Study on Bio-Oil, Biochar, and Noncondensable Gas Products	Sowmya Dhanalakshmi C., Kaliappan S., Mohammed Ali H., Sekar S., Depoures M.V., Patil P.P., Subbaiah B.S., Socrates S., Birhanu H.A.	20909063	Journal of Chemistry	2022		0	3	2	0	5	0	5
2022	Multiresponse Optimization of Mechanical and Physical Adsorption Properties of Activated Natural Fibers Hybrid Composites	Velmurugan G., Siva Shankar V., Natrayan L., Sekar S., Patil P.P., Kumar M.S., Thanappan S.	2636174	Adsorption Science and Technology	2022		0	6	10	0	16	0	16
2022	Breast Cancer Detection on Histopathological Images Using a Composite Dilated Backbone Network	Mohanakurup V., Parambil Gangadharan S.M., Goel P., Verma D., Alshehri S., Kashyap R., Malakhil B.	16875265	Computational Intelligence and Neuroscience	2022		0	0	17	0	17	0	17
2022	Novel Big Data Networking Framework Using Multihoming Optimization for Distributed Stream Computing	Rao G.S., Armstrong Joseph J., Dhiman G., Mohammed H.S., Degadwala S., Bhavani R.	15308669	Wireless Communications and Mobile Computing	2022		0	2	1	1	4	0	4
2022	Effect of Various Factors on Plant Fibre-Reinforced Composites with Nanofillers and Its Industrial Applications: A Critical Review	Aravindh M., Sathish S., Prabhu L., Raj R.R., Bharani M., Patil P.P., Karthick A., Luque R.	16874110	Journal of Nanomaterials	2022		0	1	3	0	4	0	4

2022	Hybrid Encryption Method for Health Monitoring Systems Based on Machine Learning	Malmurugan N., Nelson S.C., Altuwairiqi M., Alyami H., Gangodkar D., Abdul Zahra M.M., Asakipaam S.A.	16875265	Computational Intelligence and Neuroscience	2022		0	0	0	0	0	0	0
2022	Microstructure and Mechanical Behaviour of Ti-6Al-4V Matrix Reinforced with WCp Developed by Squeeze Casting	Sivakumar R., Kumar B.R.S., Subramaniyan G.G., Sivaraja M., Natarajan M.P., Patil P.P., Kaliappan S., Yuvaraj K.P., Abebe K.J.	16874110	Journal of Nanomaterials	2022		0	0	0	0	0	0	0
2022	A comparison of plane, slow pneu-net, and fast pneu-net designs of soft pneumatic actuators based on bending behavior	Gariya N., Kumar P.	22147853	Materials Today: Proceedings	65		0	0	5	1	6	0	6
2022	Improved HELBP in Harsh Lightning Variations for Face Recognition	Karanwal S.	18761100	Lecture Notes in Electrical Engineering	881		0	0	0	0	0	0	0
2022	Convolution Filter-Based Deep Neural Networks for Timely Diagnosis of COVID-19 Disease with Chest Radiographs	Panwar A., Rawat D., Aggarwal P., Gupta S.	18761100	Lecture Notes in Electrical Engineering	858		0	3	0	0	3	0	3
2022	Papaver Plants: Current Insights on Phytochemical and Nutritional Composition Along with Biotechnological Applications	Butnariu M., Quispe C., Herrera-Bravo J., Pentea M., Sarac I., Kusumler A.S., Ozcelik B., Painuli S., Semwal P., Imran M., Gondal T.A., Emamzadeh-Yazdi S., Lapava N., Yousaf Z., Kumar M., Eid A.H., Al-Dhaheri Y., Suleria H.A.R., Contreras M.D.M., Sharifi-Rad J., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2022		0	0	10	1	11	0	11
2022	Analyzing the effect of various delay approximation techniques on the delayed third-order process model	Rajyan A., Verma A., Juneja P.		2022 2nd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2022			0	0	0	0	0	0	0
2022	Comparative analysis of hybrid and metaheuristic parameter estimation methods of solar PV	Rawat N., Thakur P.	22147853	Materials Today: Proceedings	65		0	0	1	1	2	0	2
2022	Groundwater potential zones identification and validation in Peninsular India	Raj S., Rawat K.S., Singh S.K., Mishra A.K.	24749508	Geology, Ecology, and Landscapes			0	0	4	1	5	0	5
2022	Multiclass Classification in Machine Learning Algorithms for Disease Prediction	Tiwari P., Upadhyay D., Pant B., Mohd N.	18650929	Communications in Computer and Information Science	1575		0	0	5	0	5	0	5
2022	Fabrication of chitosan-hydroxyapatite nano-adsorbent for removal of norfloxacin from water: Isotherm and kinetic studies	Nayak A., Bhushan B., Kotnala S.	22147853	Materials Today: Proceedings	61		0	3	10	1	14	0	14
2022	Recent Progress in Development of Dressings Used for Diabetic Wounds with Special Emphasis on Scaffolds	Awasthi A., Gulati M., Kumar B., Kaur J., Vishwas S., Khursheed R., Porwal O., Alam A., Kr A., Corrie L., Kumar R., Kumar A., Kaushik M., Jha N.K., Gupta P.K., Chellappan D.K., Gupta G., Dua K., Gupta S., Gundamaraju R., Rao P.V., Singh S.K.	23146133	BioMed Research International	2022		0	2	7	1	10	0	10
2022	Performance and Emission Analysis of Waste Cooking Oil Biodiesel Mixed with Titanium Oxide Nano-Additives	Kumar R., Arunkumar M., Shan D.P., Patil P.P., Kumar R., Singh B., Chowdary V.L.	1687806X	International Journal of Chemical Engineering	2022		0	0	4	0	4	0	4
2022	Classification of Transgenic Mice by Retinal Imaging Using SVMS	Sayeed F., Rafeeq Ahmed K., Vinmathi M.S., Priyadarsini A.I., Gundupalli C.B., Tripathi V., Shishah W., Sundramurthy V.P.	16875265	Computational Intelligence and Neuroscience	2022		0	0	0	1	1	0	1
2022	Optimization of Abrasive Wear Characteristics of Polyethylene/Acrylate Copolymer Nanocomposites	Chockalingam S., Subramaniyan G.G., Bisen A., Kaliappan S., Sekar S., Patil P.P., Kumar T.C.A., Ramesh B., Venkatesan S.	16878434	Advances in Materials Science and Engineering	2022		0	3	1	0	4	0	4
2022	Investigation on Mechanical and Durability Performance of Reinforced Concrete Containing Red Soil as Alternate for M-Sand	Sebastin S., David M.F., Karthick A., Singh A., Vanjinathan J., Kumar S., Meem M.A.	16874110	Journal of Nanomaterials	2022		0	1	0	0	1	0	1
2022	BDESF-ITS: Blockchain-Based Secure Data Exchange and Storage Framework for Intelligent Transportation System	Lath N., Thapliyal K., Kandpal K., Wazid M., Das A.K., Singh D.P.		INFOCOM WKSHPS 2022 - IEEE Conference on Computer Communications Workshops			0	1	2	0	3	0	3
2022	Smart Logistic System for Enhancing the Farmer-Customer Corridor in Smart Agriculture Sector Using Artificial Intelligence	Ramirez-Asis E., Bhanot A., Jagota V., Chandra B., Hossain M.S., Pant K., Almashaqbeh H.A.	1469428	Journal of Food Quality	2022		0	0	2	0	2	0	2
2022	Experimental Investigation on Mechanical Properties of Glass Fiber Hybridized Natural Fiber Reinforced Penta-Layered Hybrid Polymer Composite	Karthick M., Meikandan M., Kaliappan S., Karthick M., Sekar S., Patil P.P., Raja S., Natrayan L., Paramasivam P.	1687806X	International Journal of Chemical Engineering	2022		0	9	19	1	29	0	29
2022	Role of Artificial Intelligence and Deep Learning in Easier Skin Cancer Detection through Antioxidants Present in Food	Sreevidya R.C., Jalaja G., Sajitha N., Padmaja D.L., Nagaprasad S., Pant K., Kumar Y.P.	1469428	Journal of Food Quality	2022		0	0	0	0	0	0	0
2022	DWT and LBP Map Based Feature Descriptors for Face Recognition in Harsh Light Variations	Karanwal S.	16833198	International Arab Journal of Information Technology	19		0	0	1	0	1	0	1
2022	Analysis of the Thermal Effects on the Behaviour of Steel Connection Beam Section	Srikanth S., Kjn S.N., Rama Krishna C.B., Vasugi K., Teja C.P., Sesha Rao Y., Kumar S., Lemu D.G.	16878434	Advances in Materials Science and Engineering	2022		0	0	0	0	0	0	0
2022	Deep Learning-Based Real-Time Discriminate Correlation Analysis for Breast Cancer Detection	Bhende M., Thakare A., Pant B., Singhal P., Shinde S., Saravanan V.	23146133	BioMed Research International	2022		0	1	3	0	4	0	4

2022	Rice Disease Detection Using Artificial Intelligence and Machine Learning Techniques to Improvise Agro-Business	Aggarwal S., Suchithra M., Chandramouli N., Sarada M., Verma A., Vetrithangam D., Pant B., Ambachew Adugna B.	10589244	Scientific Programming	2022		0	3	8	1	12	0	12
2022	MPC and Fuzzy Logic Controllers Design for Biochemical Reactor Plant	Sunori S.K., Manu M., Arora S., Agarwal P., Mittal A., Juneja P.		Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022			0	0	0	0	0	0	0
2022	CNN Based Multiclass Brain Tumor Detection Using Medical Imaging	Tiwari P., Pant B., Elarabawy M.M., Abd-Elnaby M., Mohd N., Dhiman G., Sharma S.	16875265	Computational Intelligence and Neuroscience	2022		0	9	32	6	47	0	47
2022	Effect of Aluminium Tetrahydrate Nanofiller Addition on the Mechanical and Thermal Behaviour of Luffa Fibre-Based Polyester Composites under Cryogenic Environment	Velmurugan G., Siva Shankar V., Kaliappan S., Socrates S., Sekar S., Patil P.P., Raja S., Natrayan L., Bobe K.	16874110	Journal of Nanomaterials	2022		0	9	46	0	55	0	55
2022	Effect of Graphene Fillers on the Water Absorption and Mechanical Properties of NaOH-Treated Kenaf Fiber-Reinforced Epoxy Composites	Raj R.R., Sathish S., Mansadevi T.L.D., Supriya R., Sekar S., Patil P.P., Tonmoy M.M.	16874110	Journal of Nanomaterials	2022		0	0	2	0	2	0	2
2022	Intelligent Internet of Things based Flood Management System	Goyal H.R., Kumar Ghanshala K., Sharma S.		Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022			0	0	2	0	2	0	2
2022	Influence of Different Frequency Pulse on Weld Bead Phase Ratio in Gas Tungsten Arc Welding by Ferritic Stainless Steel AISI-409L	Venkatesh R., Manivannan S., Kaliappan S., Socrates S., Sekar S., Patil P.P., Natrayan L., Bayu M.B.	16874110	Journal of Nanomaterials	2022		0	7	19	0	26	0	26
2022	Utilization of Eco-Friendly Waste Eggshell Catalysts for Enhancing Liquid Product Yields through Pyrolysis of Forestry Residues	Kaliappan S., Karthick M., Patil P.P., Madhu P., Sekar S., Mani R., Kalavathi D.F., Mohanraj S., Jida S.N.	16874110	Journal of Nanomaterials	2022		0	5	13	0	18	0	18
2022	Neuro-fuzzy Controller Design for pH Control in Sugar Refineries	Sunori S.K., Bhakuni Negi P., Arora S., Khan F., Maurya S., Juneja P., Manu M., Ghai K.		8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022			0	0	1	0	1	0	1
2022	IoT-Based Intelligent System for Internal Crack Detection in Building Blocks	Babu J.C., Kumar M.S., Jayagopal P., Sathishkumar V.E., Rajendran S., Kumar S., Karthick A., Mahseena A.M.	16874110	Journal of Nanomaterials	2022		0	2	0	0	2	0	2
2022	An Investigation & Analysis of Interference in Multicore Enviorment	Shukla S.K., Shukla M., Dwivedi U., Pant B.		Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022			0	0	0	0	0	0	0
2022	Capacity Enhancement for Cellular System using 5G Technology, mmWave and Higher order Sectorization	Upadhyay D., Tiwari P., Mohd N., Pant B.		Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022			0	1	1	0	2	0	2
2022	Enhancement in the Network Capacity using MIMO and Antenna Array in 5G Technology	Upadhyay D., Tiwari P., Mohd N., Pant B.		Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022			0	0	2	0	2	0	2
2022	Design and Development of Machine Learning Techniques for Disease Prediction	Swami S., Kanwar H., Gambhir A., Singh P., Diwakar M., Kishor K.		Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022			0	0	1	0	1	0	1
2022	Galaxy Shape Categorization Using Convolutional Neural Network Approach	Nandan A., Tripathi V.		Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022			0	0	1	0	1	0	1
2022	Optimized Web Searching Using Inverted Indexing Technique	Saini D.K.J.B., Patil P., Gupta K.D., Kumar S., Singh P., Diwakar M.		Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022			0	3	3	0	6	0	6
2022	Discriminating the Pneumonia-Positive Images from COVID-19-Positive Images Using an Integrated Convolutional Neural Network	Vetrithangam D., Indira V., Umar S., Pant B., Goyal M.K., Arunadevi B.	1024123X	Mathematical Problems in Engineering	2022		0	0	2	0	2	0	2
2022	Biohydrogen: Opportunities and challenges as an alternative energy resource	Raturi S., Singh P., Jha S.K., Karn S.K.	9749411	Journal of Applied and Natural Science	14	2	0	0	1	0	1	0	1
2022	Role of Potassium in Plant Photosynthesis, Transport, Growth and Yield	Rawat J., Pandey N., Saxena J.		Role of Potassium in Abiotic Stress			0	3	4	2	9	0	9
2022	Assessment of biochemical and physiological tolerance mechanism of the multipurpose paradise tree (Simarouba amara Aubl.) under zinc and copper stress	Kumar J., Das A.K., Rani J., Gupta P.K.	9749411	Journal of Applied and Natural Science	14	2	0	0	0	0	0	0	0
2022	MSPB: intelligent SAR despeckling using wavelet thresholding and bilateral filter for big visual radar data restoration and provisioning quality of experience in real-time remote sensing	Singh P., Shankar A., Diwakar M., Khosravi M.R.	1387585X	Environment, Development and Sustainability			0	0	4	0	4	0	4
2022	Achievements of electro spinning chitosan using composite materials	Surakasi R., Mohana J., Louies Praveen S., Patil P., Karthick R., Alam M.I.	22147853	Materials Today: Proceedings	66		0	0	0	0	0	0	0
2022	Study of mechanical properties on Nano metal matrix Composites: Duralcan process	Balajikrishnabharathi A., Suyamburajan V., Kaliappan S., Patil P.P., Jayabalakrishnan D., Sathya Prakash M., Sivabalan T.	22147853	Materials Today: Proceedings	62		0	0	1	0	1	0	1

2022	Experimental investigation on the coconut fiber reinforced hybrid gear composites	Raja Karthikeyan K., Tamilmannan K., Socrates S., Kaliappan S., Patil P.P., Ramasamy N., Jayaseelan V.	22147853	Materials Today: Proceedings	62		0	1	1	0	2	0	2
2022	An investigation on mechanical properties of AA336/Al2O3 composites by Duralcan process	Arravind R., Kaliappan S., Vijayananth S., Patil P.P., Sathya Prakash M., Ramasamy N.	22147853	Materials Today: Proceedings	62		0	0	1	0	1	0	1
2022	Performance analysis of solar energy based passive water purification system	Kumar S., Singh G., Singh D.B., Singh H.N., Mujumdar S.	22147853	Materials Today: Proceedings			0	0	0	1	1	0	1
2022	A review on butanol properties, production and its application in internal combustion engines	Gwalwanshi M., Kumar R., Kumar Chauhan M.	22147853	Materials Today: Proceedings	62	12	0	3	5	1	9	0	9
2022	Design of Multiple Resonant Reflectance Filter Using One-Dimensional Fibonacci Superconductor Photonic Crystal	Athe P., Athe P., Srivastava S., Athe P., Shukla S.K.	15571939	Journal of Superconductivity and Novel Magnetism			0	0	0	0	0	0	0
2022	Major Challenges and Future Approaches in the Employment of Blockchain and Machine Learning Techniques in the Health and Medicine	Umamaheswaran S.K., Prasad G.L.V., Omarov B., Abdul-Zahra D.S., Vashistha P., Pant B., Kaliyaperumal K.	19390114	Security and Communication Networks	2022		0	2	8	1	11	0	11
2022	Exhibition of Dielectric Property Based on Soil Class and Moisture Presence for Bengaluru District	Kumar S., Ahalya N., Singh V., Patil P.P., Raghavendra Rao A.V., Nirmala Jyothsna A., Abhilash P., Kushwah R., Palukaran Thimothy S.	16878434	Advances in Materials Science and Engineering	2022		0	0	0	0	0	0	0
2022	Recurrent Neural Networks for Feature Extraction from Dengue Fever	Daniel J., Irin Sherly S., Ponnuramu V., Pratap Singh D., Netra S.N., Alonazi W.B., Almutairi K.M.A., Priyan K.S.A., Abera Y.	1741427X	Evidence-based Complementary and Alternative Medicine	2022		0	0	4	1	5	0	5
2022	5G-Telecommunication Allocation Network Using IoT Enabled Improved Machine Learning Technique	Alzaidi M.S., Subbalakshmi C., Roshini T.V., Shukla P.K., Shukla S.K., Dutta P., Alhassan M.	15308669	Wireless Communications and Mobile Computing	2022		0	0	5	2	7	0	7
2022	Imperative Role of Technology Intervention and Implementation for Automation in the Construction Industry	Srivastava A., Jawaid S., Singh R., Gehlot A., Akram S.V., Priyadarshi N., Khan B.	16878086	Advances in Civil Engineering	2022		0	1	12	0	13	0	13
2022	Artificial Intelligence for the Classification of Neuromuscular Diseases Using Dominant MUAP	Maheshwary P., Vinu W., Velvadivu P., Shukla S.K., Srivastava P.K., Pareek P.		8th International Conference on Smart Structures and Systems, ICSSS 2022			0	0	1	0	1	0	1
2022	Classification of Motor Unit Action Potential Using Transfer Learning for the Diagnosis of Neuromuscular Diseases	Somani V., Rahman A.N., Verma D., Chandan R.R., Vidhya R.G., Vijayan V.P.		8th International Conference on Smart Structures and Systems, ICSSS 2022			0	6	6	3	15	0	15
2022	Discriminative Learning Based Dual Channel Denoising Network for Removal of Noise from MR Images	Tripathi S., Pandey D.C.	21570477	International Conference on Emerging Trends in Engineering and Technology, ICETET	2022-		0	1	2	0	3	0	3
2022	A new look in heat balance integral method to a two-dimensional Stefan problem with convection	Chaurasiya V., Upadhyay S., Rai K.N., Singh J.	10407782	Numerical Heat Transfer; Part A: Applications	82	9	0	8	7	0	15	0	15
2022	Optimal Fusion Technique for Multi-Scale Remote Sensing Images Based on DWT and CNN	Basheer P.I., Prasad K.P., Gupta A.D., Pant B., Vijavan V.P., Kapila D.		8th International Conference on Smart Structures and Systems, ICSSS 2022			0	0	0	0	0	0	0
2022	Car License Plate Detection and Recognition Using Modified U-Net Deep Learning Model	Tom R.J., Kumar A., Shaik S.B., Isaac L.D., Tripathi V., Pareek P.		8th International Conference on Smart Structures and Systems, ICSSS 2022			0	0	3	0	3	0	3
2022	Implementation of Super Resolution in Images Based on Generative Adversarial Network	Reddy K.S., Vijayan V.P., Gupta A.D., Singh P., Vidhya R.G., Kapila D.		8th International Conference on Smart Structures and Systems, ICSSS 2022			0	8	5	2	15	0	15
2022	Investigating the mediating effect of eWOM while exploring a higher education institutions	Kaushal D., Anuj	17510252	International Journal of Business Innovation and Research	28	2	0	0	0	0	0	0	0
2022	Optical Microstructure, FESEM, Microtensile, and Microhardness Properties of LM 25-B4Cnp-Grnp Hybrid Composites Manufactured by Selective Laser Melting	Babu M., Venkataraman S.R., Rao P.N., Rao V., Kaliappan S., Patil P.P., Sekar S., Yuvaraj K.P., Murugan A.	16878434	Advances in Materials Science and Engineering	2022		0	0	2	0	2	0	2
2022	SA based Optimization of Controller Parameters for Crystallization Unit of Sugar Factory	Sunori S.K., Arora S., Agarwal P., Mittal A., Mamodiya U., Juneja P.		2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings			0	0	5	0	5	0	5
2022	Correction to: A concise review on the cultivation of microalgal biofilms for biofuel feedstock production (Biomass Conversion and Biorefinery, (2022), 10.1007/s13399-022-02783-9)	Patwardhan S.B., Pandit S., Ghosh D., Dhar D.W., Banerjee S., Joshi S., Gupta P.K., Lahiri D., Nag M., Ruokolainen J., Ray R.R., Kesari K.K.	21906815	Biomass Conversion and Biorefinery			0	0	0	0	0	0	0
2022	ASCP-IoMT: AI-Enabled Lightweight Secure Communication Protocol for Internet of Medical Things	Wazid M., Singh J., Das A.K., Shetty S., Khan M.K., Rodrigues J.J.P.C.	21693536	IEEE Access	10		0	6	15	0	21	0	21
2022	Velocity clamping-assisted adaptive salp swarm algorithm: balance analysis and case studies	Ding H., Cao X., Wang Z., Dhiman G., Hou P., Wang J., Li A., Hu X.	15471063	Mathematical Biosciences and Engineering	19	8	0	4	7	0	11	0	11
2022	Severity Prediction over Parkinson's Disease Prediction by Using the Deep Brooke Inception Net Classifier	Saranakumar R., Vinod D., Anitha K., Manohar G., Vijayanand K.S., Pant B., Sundramurthy V.P.	16875265	Computational Intelligence and Neuroscience	2022		0	0	3	0	3	0	3
2022	Blockchain-Based Decentralized Cloud Solutions for Data Transfer	Nair R., Zafrullah S.N., Vinayasree P., Singh P., Zahra M.M.A., Sharma T., Ahmadi F.	16875265	Computational Intelligence and Neuroscience	2022		0	2	5	0	7	0	7
2022	Investigation of Tribological Behaviour on DLC Coatings for AA5051 using DC Sputtering	Natrayan L., Gaur P., Merneedi A., Kaliappan S., Patil P.P., Sivaprakash V., Chewaka M.D.	2636174	Adsorption Science and Technology	2022		0	5	12	2	19	0	19

2022	Enhancing Orthopedic Surgery and Treatment Using Artificial Intelligence and Its Application in Health and Dietary Welfare	Rubidha Devi D., Umamaheswaran S.K., Tarar S., Zamani A.S., Gangodkar D., Chakkaravarthy A.P., Samori I.	1469428	Journal of Food Quality	2022		0	0	2	1	3	0	3
2022	Prediction of Tensile Shear Fracture Load of Friction Stir Spot-Welded AA2024-T3/HCS Dissimilar Joints	Nair V.G., Jotiram G.A.K., Pratyush K., Pant B., Ramesh D.R., Gupta A.S., Manjunatha L.H., Madhavarao S., Hailegiorgis S.M.	16874110	Journal of Nanomaterials	2022		0	0	0	0	0	0	0
2022	Empirical Analysis for Improving Food Quality Using Artificial Intelligence Technology for Enhancing Healthcare Sector	Umamaheswaran S.K., Kaur G., Pankajam A., Firos A., Vashistha P., Tripathi V., Mohammed H.S.	1469428	Journal of Food Quality	2022		0	1	11	0	12	0	12
2022	Diosgenin: An Updated Pharmacological Review and Therapeutic Perspectives	Semwal P., Painuli S., Abu-Izneid T., Rauf A., Sharma A., Dastan S.D., Kumar M., Alshehri M.M., Taheri Y., Das R., Mitra S., Emran T.B., Sharifi-Rad J., Calina D., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2022		0	16	32	4	52	0	52
2022	An Approach to Analyze Reliability Indices in Peer-To-Peer Communication Systems	Joshi T., Goyal N., Ram M.	1969722	Cybernetics and Systems	53	8	0	0	0	1	1	0	1
2022	Transformational Leadership and Organizational Commitment: A Higher Educational Institutions Perspective	Mishra A.K., Upadhyay R.K.	9722629	Vision			0	1	1	0	2	0	2
2022	Cloud-Based IoE Enabled an Urban Flooding Surveillance System	Dhaya R., Ahanger T.A., Asha G.R., Ahmed E.A., Tripathi V., Kanthavel R., Atiglah H.K.	16875265	Computational Intelligence and Neuroscience	2022		0	0	2	0	2	0	2
2022	Stress and bending analysis of a soft pneumatic actuator considering different hyperelastic materials	Gariya N., Kumar P., Prasad B.	22147853	Materials Today: Proceedings	65		0	1	1	0	2	0	2
2022	Optimization of WEDM Process Parameters in Al2024-Li-Si3N4MMC	Raju K., Balakrishnan M., Prasad D.V.S.S.S.V., Nagalakshmi V., Patil P.P., Kaliappan S., Arulmurugan B., Radhakrishnan K., Velusamy B., Paramasivam P., El-Denglawey A.	16874110	Journal of Nanomaterials	2022		0	0	2	0	2	0	2
2022	Implementation of Reliability Antecedent Forwarding Technique Using Straddling Path Recovery in Manet	Rahamat Basha S., Sharma C., Sayeed F., Arularasan A.N., Pramila P.V., Shinde S.K., Pant B., Rajaram A., Yeshitla A.	15308669	Wireless Communications and Mobile Computing	2022		0	17	9	0	26	0	26
2022	An efficient approach for storage of court judgements using graph database	Mittal V., Gangodkar D., Pant B.	17550386	International Journal of Advanced Intelligence Paradigms	22	1-2	0	0	0	0	0	0	0
2022	Towards Development of Machine Learning Framework for Enhancing Security in Internet of Things	Paricherla M., Babu S., Phasinam K., Pallathadka H., Zamani A.S., Narayan V., Shukla S.K., Mohammed H.S.	19390114	Security and Communication Networks	2022		0	0	3	1	4	0	4
2022	Antioxidants in Health and Disease with Their Capability to Defend Pathogens that Attack Apple Species of Kashmir	Shah A.A., Gupta A.	2511834X	Reference Series in Phytochemistry			0	0	0	0	0	0	0
2022	Flexible biodegradable lemon juice based ionic polymer membrane	Mohanty S., Panwar V.	22147853	Materials Today: Proceedings	64		0	0	0	0	0	0	0
2022	Design of a Novel AGC Action for a Linked Hydro Governing System	Panwar A., Agarwal V., Sharma G., Sharma S.	15325008	Electric Power Components and Systems	49	15	0	2	2	0	4	0	4
2022	Challenges to agile project management during COVID-19 pandemic: an emerging economy perspective	Sharma M., Luthra S., Joshi S., Joshi H.	19369735	Operations Management Research			0	3	7	1	11	0	11
2022	Co-pyrolysis of Hardwood Combined with Industrial Pressed Oil Cake and Agricultural Residues for Enhanced Bio-Oil Production	Madhu P., Vidhya L., Vinodha S., Wilson S., Sekar S., Patil P.P., Kaliappan S., Prabhakar S.	20909063	Journal of Chemistry	2022		0	6	2	0	8	0	8
2022	Impact of meditation on mental & physical health and thereby on academic performance of students: A study of higher educational institutions of Uttarakhand	Sharma P., Malhotra R.K., Ojha M.K., Gupta S.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	0	0	0	0	0	0
2022	Infectious bursal disease: Overview	Kapoor S., Kaur H., Rehman A.U., Kumar V., Gupta A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	1	1	0	2	0	2
2022	Eco-friendly synthesis, biological evaluation and QSAR studies of dihydropyrimidinone/thione derivatives	Choudhary A.N., Kumar A., Sharma N., Ghai K.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	0	0	0	0	0	0
2022	Hazard analysis critical control point (HACCP) implications in food production areas of hotels in Delhi NCR	Dhyani A., Dhyani A., Lal S., Pandey R.C.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	11	2	0	1	0	0	1	0	1
2022	Network Resource Allocation Security Techniques and Challenges for Vehicular Communication Network Management	Agarwal V., Sharma S., Bansal G.	18684394	Intelligent Systems Reference Library	221		0	0	4	0	4	0	4
2022	Blockchain Enabled Intelligent Digital Forensics System for Autonomous Connected Vehicles	Tyagi R., Sharma S., Mohan S.		2022 International Conference on Communication, Computing and Internet of Things, IC3IoT 2022 - Proceedings			0	5	10	0	15	0	15
2022	Experimental Investigation to Utilize Adsorption and Absorption Technique to Reduce CO2Emissions in Diesel Engine Exhaust Using Amine Solutions	Muthiya S.J., Natrayan L., Kaliappan S., Patil P.P., Naveena B.E., Dhanraj J.A., Subramaniam M., Paramasivam P.	2636174	Adsorption Science and Technology	2022		0	24	29	0	53	0	53
2022	Investigation on Efficient Removal of Fluoride from Ground Water Using Activated Carbon Adsorbents	Chukka N.D.K.R., Gomathi Nagajothi P., Natrayan L., Reddy Y.B.S., Veeman D., Patil P.P., Thanappan S.	2636174	Adsorption Science and Technology	2022		0	5	1	0	6	0	6

2022	ASSESSMENT OF CONVECTIVE HEAT TRANSFER IN SISKO FLUID FLOW VIA STRETCHING SURFACE DUE TO VISCOUS DISSIPATION AND SUCTION	Upreti H., Joshi N., Pandey A.K., Rawat S.K.	25724258	Nanoscience and Technology	13	2	0	6	6	0	12	0	12
2022	Individual and Catalytic Co-Pyrolysis of Agricultural Outcomes and Polymeric Materials over Nano-HZSM-5 Zeolite: Synergistic Effects and Yield Analysis for Heating Applications	Dhanalakshmi C.S., Ahalya N., Vidhyalakshmi P., Krishnaraj C., Selvam N., Patil P.P., Kalippan S., Prabhakar S.	16874110	Journal of Nanomaterials	2022		0	1	1	0	2	0	2
2022	FCN Network-Based Weed and Crop Segmentation for IoT-Aided Agriculture Applications	Kamal S., Shende V.G., Swarooopa K., Bindhu Madhavi P., Akram P.S., Pant K., Patil S.D., Sahile K.	15308669	Wireless Communications and Mobile Computing	2022		0	2	4	0	6	0	6
2022	Selecting the most agile manufacturing system with respect to agile attribute-technology-fuzzy AHP approach	Chandna R.	17457645	International Journal of Operational Research	43	4	0	0	0	0	0	0	0
2022	Sustainable Human Resource Management: A Conceptual Framework	Saini S., Sachdeva L., Badhotiya G.K.	19386737	ECS Transactions	107	1	0	0	1	0	1	0	1
2022	Optimisation of an inventory model for conclusive and inconclusive cost parameters using triangular and trapezoidal fuzzy numbers	Sharma R., Singh A.P., Arora R., Chauhan A.	17575850	International Journal of Mathematics in Operational Research	21	4	0	0	0	0	0	0	0
2022	Augmented Reality Based Human-Machine Interfaces in Healthcare Environment: Benefits, Challenges, and Future Trends	Gupta I., Dangi S., Sharma S.		2022 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2022			0	2	3	0	5	0	5
2022	Production and Characterization of Maximum Liquid Oil Products through Individual and Copyrolysis of Pressed Neem Oil Cake and Waste Thermocol Mixture	Madhu P., Sasireka M., Samikannu R., Vinoth K., Kumar A.U., Patil P.P., Kaliappan S., Gebrekidan A.M.	7306679	Advances in Polymer Technology	2022		0	4	4	0	8	0	8
2022	Analysis of organic polymer based PVA/CNF membranes	Patel A., Panwar V.	22147853	Materials Today: Proceedings	64		0	0	0	0	0	0	0
2022	Voice Based Secured Smart Lock Design for Internet of Medical Things: An Artificial Intelligence Approach	Aggarwal S., Sharma S.		2022 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2022			0	3	4	0	7	0	7
2022	Stir casting technology for magnesium-based metal matrix composites for bio-implants - a review	Chandra Kandpal B., Johri N., Kumar L., Tyagi A., Joshi V., Gupta U.	22147853	Materials Today: Proceedings	62		0	0	1	0	1	0	1
2022	PDT treatment techniques using nano-composite material	Muramulla S.M., Chethan L.S., Kumar S.S., Gangodkar D., Prasad A.R.	22147853	Materials Today: Proceedings	66		0	0	0	0	0	0	0
2022	Bio polymer based food packaging using composite materials	Kumar B. M S., Keerthana P., Ravi G., Pant K., Sudhakar M.	22147853	Materials Today: Proceedings	66		0	2	0	0	2	0	2
2022	On Lie symmetries and invariant solutions of Broer–Kaup–Kupershmidt equation in shallow water of uniform depth	Tanwar D.V., Kumar M.	24680133	Journal of Ocean Engineering and Science			0	4	4	0	8	0	8
2022	Potential Immunomodulatory Activities of Plant Products	Shukla M.K., Singh S.K., Pandey S., Gupta P.K., Choudhary A., Jindal D.K., Dua K., Kumar D.	2546299	South African Journal of Botany			0	6	2	1	9	0	9
2022	Analyzing Newspaper Articles for Text-Related Data for Finding Vulnerable Posts over the Internet That Are Linked to Terrorist Activities	Rawat R., Mahor V., Garg B., Telang S., Pachlasiya K., Kumar A., Shukla S.K., Kuliha M.	19301650	International Journal of Information Security and Privacy	16	1	0	2	2	0	4	0	4
2022	Blockchain-Enabled Smart Surveillance System with Artificial Intelligence	Jain P., Dwivedi S., Alharbi A.R., Sureshbabu R., Singh D.P., Jamal S.S., Krah D.	15308669	Wireless Communications and Mobile Computing	2022		0	0	1	0	1	0	1
2022	Machine learning algorithms for early diagnosis of diabetes mellitus: A comparative study	Rawat V., Joshi S., Gupta S., Singh D.P., Singh N.	22147853	Materials Today: Proceedings	56		0	1	7	0	8	0	8
2022	Locus of control and investment decision: an investor's perspective	Paul S.N., Mishra A.K., Upadhyay R.K.	17530822	International Journal of Services, Economics and Management	13	2	0	0	1	0	1	0	1
2022	Crowd Analysis in Video Surveillance: A Review	Tomar A., Kumar S., Pant B.		2022 International Conference on Decision Aid Sciences and Applications, DASA 2022			0	3	8	1	12	0	12
2022	A concise review on the cultivation of microalgal biofilms for biofuel feedstock production	Patwardhan S.B., Pandit S., Ghosh D., Dhar D.W., Banerjee S., Joshi S., Gupta P.K., Lahiri D., Nag M., Ruokolainen J., Ray R.R., Kumar Kesari K.	21906815	Biomass Conversion and Biorefinery			0	1	7	2	10	0	10
2022	Prediction of Air Pollutant PM10using Various SVM Models	Sunori S.K., Negi P.B., Ghai K., Mittal A., Lohani M.C., Manu M., Juneja P.		International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings			0	2	0	0	2	0	2
2022	Fusion of Two Novel Local Descriptors for Face Recognition in Distinct Challenges	Karanwal S.		1st IEEE International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2022			0	0	4	0	4	0	4
2022	Analysis of the Electronic-Ionic polymer membrane	Gagat N., Umer Ansari M., Panwar V.	22147853	Materials Today: Proceedings	64		0	0	0	0	0	0	0
2022	Development of a carbon nanofiber-attached flexible piezoelectric nanocomposite towards self-powered wearable devices	Singh Panwar L., Panwar V.	22147853	Materials Today: Proceedings	62	12	0	0	0	0	0	0	0
2022	A Blend of Analytical and Numerical Methods to Compute Orthogonal Image Moments over a Unit Disk	Singh M.K., Kumar S., Bhatnagar G., Saini D., Ali M., Sharma C.M., Sharma N.	15308669	Wireless Communications and Mobile Computing	2022		0	2	1	0	3	0	3
2022	Effect of Nano Ground Granulated Blast Furnace Slag (GGBS) Volume % on Mechanical Behaviour of High-Performance Sustainable Concrete	Srikanth S., Krishna C.B.R., Srikanth T., Sai Nitesh K.J.N., Nadh V.S., Kumar S., Thanappan S.	16874110	Journal of Nanomaterials	2022		0	0	5	0	5	0	5
2022	Apprehending the Effect of Internet of Things (IoT) Enables Big Data Processing through Multinetwork in Supporting High-Quality Food Products to Reduce Breast Cancer	Shukla S.K., Kumar B.M., Sinha D., Nemade V., Mussiraliyeva S., Sugumar R., Jain R.	1469428	Journal of Food Quality	2022		0	1	1	0	2	0	2

2022	Fabrication of a biogenic Inorganic-Organic hybrid composite Adsorbent: Optimization and Physico-chemical studies	Bhushan B., Kotnala S., Nayak A.	22147853	Materials Today: Proceedings	62		0	0	2	0	2	0	2
2022	Carbon based nanocomposite to enhance electromagnetic compatibility of medical equipment	Rathi V., Prasad B., Mishra V., Kanojia R.	22147853	Materials Today: Proceedings	60		0	2	3	0	5	0	5
2022	IOT Automation with Segmentation Techniques for Detection of Plant Seedlings in Agriculture	Kamal S., Shobha K.R., Francis F., Khilar R., Tripathi V., Lakshminarayana M., Kannadasan B., Sahile K.	15308669	Wireless Communications and Mobile Computing	2022		0	1	0	0	1	0	1
2022	Risk-Seeker Information Gap Decision Theory Based Smart Grid Operation Encompassing Demand Response	Rawat T., Niazi K.R., Sharma S., Singh J.	18761100	Lecture Notes in Electrical Engineering	893		0	0	0	0	0	0	0
2022	ICT as "Knowledge Management" for Assessing Sustainable Consumption and Production in Supply Chains	Uniyal S., Sarma P.R.S., Kumar Mangla S., Tseng M.-L., Patil P.		Research Anthology on Measuring and Achieving Sustainable Development Goals	3		0	0	0	0	0	0	0
2022	Assessment of Reliability Function and Signature of Energy Plant Complex System	Negi M., Shah M., Kumar A., Ram M., Saini S.	16147839	Springer Series in Reliability Engineering			0	2	1	0	3	0	3
2022	Reliability Evaluation and Cost Optimization of Solar Air-Conditioner	Bhandari A.S., Ram M., Kumar A., Dimri S.C.	16147839	Springer Series in Reliability Engineering			0	0	1	0	1	0	1
2022	Preface	Ram M., Pham H.	16147839	Springer Series in Reliability Engineering			0	0	0	0	0	0	0
2022	Ensuring Privacy Preservation Access Control Mechanism in Cloud based on Identity based Derived Key	Suresha D., Karibasappa K., Shivamurthy	2158107X	International Journal of Advanced Computer Science and Applications	13	3	0	0	0	0	0	0	0
2022	Land Use Classification of Kathgodam Region using Transfer learning-based approach	Pargaien S., Singh D., Prakash R., Dubey V.P., Pant H., Pargaien A.V.		2022 2nd International Conference on Artificial Intelligence and Signal Processing, AISP 2022			0	0	2	0	2	0	2
2022	Bacterial concrete: A review on self-healing properties in the light of sustainability	Khaudiyal S., Rawat A., Das S.K., Garg N.	22147853	Materials Today: Proceedings	60		0	0	5	1	6	0	6
2022	Experimental Investigation on Tribological Behaviour of Various Processes of Anodized Coated Piston for Engine Application	Meikandan M., Karthick M., Natrayan L., Patil P.P., Sekar S., Rao Y.S., Bayu M.B.	16874110	Journal of Nanomaterials	2022		0	25	34	0	59	0	59
2022	Efficient Energy Consumption Techniques for Cloud and IoT Systems	Malhotra S., Matta P., Kukreti S.		2022 IEEE Delhi Section Conference, DELCON 2022			0	0	0	1	1	0	1
2022	Employing Deep Learning Feature Extraction Models with Learning Classifiers to Diagnose Breast Cancer in Medical Images	Gupta S., Panwar A., Yadav R., Aeri M., Manwal M.		2022 IEEE Delhi Section Conference, DELCON 2022			0	4	0	0	4	0	4
2022	Remote Solar Microgrid Output Current Transient Diagnosis	Chilukuri B.V.S., Hemalatha N., Shrivastava A., Pant B., Jain S.K., Hemavathi S.		Proceedings of 2nd International Conference on Innovative Practices in Technology and Management, ICIPTM 2022			0	0	1	0	1	0	1
2022	Classification of Apple Leaf Diseases using Distinct Machine Learning Algorithms	Panwar A., Gupta S., Chaube N., Gupta S., Kapruwan A.		2022 IEEE Delhi Section Conference, DELCON 2022			0	5	4	0	9	0	9
2022	Comparative Study Of Various Scraping Tools: Pros And Cons	Matta P., Sharma S., Uniyal N.		2022 IEEE Delhi Section Conference, DELCON 2022			0	1	2	0	3	0	3
2022	INTEGRATED PRODUCTION-DISTRIBUTION PLANNING OPTIMIZATION USING NEUTROSOPHIC PROGRAMMING	Badhotiya G.K., Soni G., Nepal B., Mittal M.L.	10724761	International Journal of Industrial Engineering : Theory Applications and Practice	29	2	0	0	0	0	0	0	0
2022	Deep Models for Analysis of Pneumonia Infection Using Chest Radiographs	Gupta S., Panwar A.	23673370	Lecture Notes in Networks and Systems	350		0	4	0	0	4	0	4
2022	A Review on Deep Learning based diagnosis of COVID-19 from X-ray and CT Images	Kumar V.		2022 International Mobile and Embedded Technology Conference, MECON 2022			0	2	0	0	2	0	2
2022	Forest Fire Risk Zonation Mapping using Fuzzy Overlay Analysis of Nainital District	Rai K., Mishra N., Mishra S.		2022 International Mobile and Embedded Technology Conference, MECON 2022			0	0	1	0	1	0	1
2022	Historical Sea Ice Reduction Modelling Using OBCD techniques for the Bering Sea employing LANDSAT 8 Satellite Data	Shakya A.K., Ramola A., Vidyarthi A.		2022 International Mobile and Embedded Technology Conference, MECON 2022			0	0	0	0	0	0	0
2022	Controller Design for Dead Time Approximated Model of Juice Extraction Unit of Sugar Factory	Sunori S.K., Singh Jethi G., Arora S., Mittal A., Khan F., Juneja P.		Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022			0	1	0	0	1	0	1
2022	Quasi-Oppositional Satin Bowerbird with Deep Learning based Content based Image Retrieval	Singh D.P., Joseph S.G., Selvi V.T., Karunakaran S., Appasami G., Jegajothi B.		Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022			0	1	2	0	3	0	3
2022	An investigation on dissimilarity of mass flow rate and N on exergo-enviro-economic parameters for solar still of single slope type integrated with N similar PVT flat plate collectors having series connection	Sharma G.K., Mallick A., Sharma R.K., Dobriyal R., Kumar N., Singh D.B.	9441344	Environmental Science and Pollution Research			0	0	5	0	5	0	5
2022	Analyzing Supervised Learning Algorithms for Crop Prediction and Soil Quality	Babber J., Malik P., Mittal V., Purohit K.C.		Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022			0	0	3	0	3	0	3
2022	Designing the Control Systems for Boiler-Turbine Unit of Sugar Factory	Sunori S.K., Ajay Joshi K., Mittal A., Juneja P., Garia P., Agarwal P.		Proceedings - 6th International Conference on Computing Methodologies and Communication, ICCMC 2022			0	2	0	0	2	0	2
2022	Surface State Treatment of Carbon Dots Using Sulphur Dioxide Isotherm	Natrayan L., Veeman D., Patil P.P., Swamy Nadh V., Balamurugan P., Chewaka M.D.	2636174	Adsorption Science and Technology	2022		0	7	1	0	8	0	8
2022	Reduction of 1/f Noise in Single-Walled Carbon Nanotubes (SWCNTs) Using Gas Adsorption Technique	Natrayan L., Angalaeswari S., Kaliappan S., Reddy C.N.D.K., Sivaprakash V., Patil P.P., Murugan P.	2636174	Adsorption Science and Technology	2022		0	7	12	0	19	0	19
2022	FEM analysis of polymeric hybrid composites	Johri N., Agarwal G., Mishra R.K., Thakur H.C.	22147853	Materials Today: Proceedings			0	0	0	0	0	0	0

2022	Dynamic Analysis and Fabrication of Single Screw Conveyor Machine	Moorthi S., Megaraj M., Nagarajan L., Karthick A., Bharani M., Patil P.P.	16878434	Advances in Materials Science and Engineering	2022		0	1	4	0	5	0	5
2022	Attempts to raise the solar still outcome: A short review	Chhabra S., Verma A.S., Gupta A., Kumar R., Karnwal A., Kumar A., Vashishtha V., Singh D.B.	22147853	Materials Today: Proceedings	64		0	0	3	0	3	0	3
2022	Realistic Prognostic Modeling of Specific Attenuation due to Rain at Microwave Frequency for Tropical Climate Region	Isabona J., Imoize A.L., Rawat P., Jamal S.S., Pant B., Ojo S., Hinga S.K.	15308669	Wireless Communications and Mobile Computing	2022		0	2	1	0	3	0	3
2022	Investigation on Forestry Wood Wastes: Pyrolysis and Thermal Characteristics of Ficus religiosa for Energy Recovery System	Rao Y.K.S.S., Dhanalakshmi C.S., Vairavel D.K., Surakasi R., Kaliappan S., Patil P.P., Socrates S., Lalvani J.I.J.	16878434	Advances in Materials Science and Engineering	2022		0	8	7	0	15	0	15
2022	Breast Cancer Detection and Prediction Based on Conflicts in Fractal Patterns	Singh K.K., Jasuja D., Singh M.P.	18761100	Lecture Notes in Electrical Engineering	894		0	0	0	0	0	0	0
2022	Automated Deep Learning based Disease Prediction Using Skin Health Records: Issues, Challenges and Future Directions	Singh S., Sharma S., Bhadula S.		Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022			0	2	10	1	13	0	13
2022	Sensitivity and Performance Analysis of 10 MW Solar Power Plant Using MPPT Technique	Ansari M.F., Afzal A.	18761100	Lecture Notes in Electrical Engineering	894		0	0	0	1	1	0	1
2022	Understanding the effect of entrepreneurial orientation, innovation capability and differentiation strategy on firm performance: a study on small and medium enterprises	Kaushal D., Kumar S., Raj R., Negi A.	17533627	International Journal of Business and Globalisation	30	1	0	0	2	0	2	0	2
2022	Classification of Bioinformatics EEG Data Signals to Identify Depressed Brain State Using CNN Model	Thakare A., Bhende M., Deb N., Degadwala S., Pant B., Kumar Y.P.	23146133	BioMed Research International	2022		0	0	2	0	2	0	2
2022	Large-Scale Textual Datasets and Deep Learning for the Prediction of Depressed Symptoms	Chakraborty S., Mahdi H.F., Ali Al-Abyadh M.H., Pant K., Sharma A., Ahmadi F.	16875265	Computational Intelligence and Neuroscience	2022		0	0	3	1	4	0	4
2022	Performance Improvement in single-gate organic transistors with contacts at top and bottom: Additional p + region insertion near source and drain	Gupta S., Mittal P., Juneja P.	10241221	Main Group Chemistry	21	1	0	0	1	0	1	0	1
2022	Improved Local Binary Pattern for Face Recognition	Karanwal S.	23673370	Lecture Notes in Networks and Systems	441		0	1	0	0	1	0	1
2022	Improved ELBP descriptors for face recognition	Karanwal S., Diwakar M.	17427185	International Journal of Computational Science and Engineering	25	2	0	1	3	0	4	0	4
2022	Fuzzy optimal inventory model for pharmaceutical products with a trade-credit scheme under inflation	Rajput N., Chauhan A., Pandey R.K., Dhiman N.	14606739	International Journal of Process Management and Benchmarking	12	3	0	0	0	0	0	0	0
2022	Deep Learning Techniques to Improve Radio Resource Management in Vehicular Communication Network	Agarwal V., Sharma S.	18761100	Lecture Notes in Electrical Engineering	840		0	3	2	0	5	0	5
2022	Real Time Analysis of Diabetic Retinopathy Lesions by Employing Deep Learning and Machine Learning Algorithms using Color Fundus Data	Gupta S., Panwar A., Kapruwan A., Chaube N., Chauhan M.		2022 International Conference on Innovative Trends in Information Technology, ICITIIT 2022			0	4	4	0	8	0	8
2022	Delay-Driven Opportunistic Routing with Multichannel Cooperative Neighbor Discovery for Industry 4.0 Wireless Networks Based on Power and Load Awareness	Pai H.A., Almuzaini K.K., Ali L., Javeed A., Pant B., Pareek P.K., Akwafo R.	15308669	Wireless Communications and Mobile Computing	2022		0	19	6	0	25	0	25
2022	Stratification of the Lesions in Color Fundus Images of Diabetic Retinopathy Patients Using Deep Learning Models and Machine Learning Classifiers	Panwar A., Semwal G., Goel S., Gupta S.	18761100	Lecture Notes in Electrical Engineering	869		0	5	10	0	15	0	15
2022	Environmental Impact and Carbon Footprint Assessment of Sustainable Buildings: An Experimental Investigation	Chukka N.D.K.R., Arivumangai A., Kumar S., Subashchandrabose R., Reddy Y.B.S., Natrayan L., Debela G.C.	2636174	Adsorption Science and Technology	2022		0	8	0	0	8	0	8
2022	Status and probability of occurrence of grey mold on preharvest and postharvest grapes in Maharashtra, India	Sawant I.S., Sawant S.D., Narkar S., Pandey K., Saha S.	427500	Vitis - Journal of Grapevine Research	61	1	0	0	0	0	0	0	0
2022	IoT Communication for Grid-Tie Matrix Converter with Power Factor Control Using the Adaptive Fuzzy Sliding (AFS) Method	Kumar A.S., Kumar S.J.N., Gupta S.C., Shrivastava A., Kumar K., Jain R.	10589244	Scientific Programming	2022		0	18	4	0	22	0	22
2022	Machine Learning and Image Processing Enabled Evolutionary Framework for Brain MRI Analysis for Alzheimer's Disease Detection	Kamal M., Pratap A.R., Naved M., Zamani A.S., Nancy P., Ritonga M., Shukla S.K., Sammy F.	16875265	Computational Intelligence and Neuroscience	2022		0	3	32	3	38	0	38
2022	A DRL-Based Service Offloading Approach Using DAG for Edge Computational Orchestration	Mekala M.S., Dhiman G., Srivastava G., Nain Z., Zhang H., Viriyasitavat W., Varma G.P.S.	2329924X	IEEE Transactions on Computational Social Systems			0	11	8	1	20	0	20
2022	Analyzing the microstructure and mechanical properties in LM6 aluminium casting in sand casting process	Kandpal B.C., Johri N., Bhatia P., Masih C., Kumar K.	22147853	Materials Today: Proceedings	62		0	0	0	0	0	0	0
2022	Production and feasibility characterization of bio-oil from jojoba seed–based biomass through solar thermal energy pyrolysis process	Singh Y., Singla A., Singh N.K., Sharma A.	21906815	Biomass Conversion and Biorefinery			0	2	4	0	6	0	6
2022	Optical applications of sol-gel nano-composites	Surekha P., Varshney A.D., Jerusha E., Pant B., Rajesh A.S.	22147853	Materials Today: Proceedings	62		0	0	2	0	2	0	2
2022	Study on Developments in Protection Coating Techniques for Steel	Sharun V., Rajasekaran M., Kumar S.S., Tripathi V., Sharma R., Puthilibai G., Sudhakar M., Negash K.	16878434	Advances in Materials Science and Engineering	2022		0	8	2	1	11	0	11
2022	A secure and robust stereo image encryption algorithm based on DCT and Schur decomposition	Kumar S., Singh M.K., Dobhal G., Saini D., Bhatnagar G.	20085893	Journal of Information Technology Management	14		0	0	1	0	1	0	1
2022	Implementation of Hidden Node Detection Scheme for Self-Organization of Data Packet	Ganesh P., Naidu G.B.S.R., Swaroopa K., Rahul R., Almadhor A., Senthilkumar C., Gangodkar D., Rajaram A., Yeshitla A.	15308669	Wireless Communications and Mobile Computing	2022		0	14	9	0	23	0	23

2022	Federated Learning Algorithms to Optimize the Client and Cost Selections	Alferaidi A., Yadav K., Alharbi Y., Viriyasitavat W., Kautish S., Dhiman G.	1024123X	Mathematical Problems in Engineering	2022		0	1	11	1	13	0	13
2022	Annealed peanut shell biochar as potential reinforcement for aloe vera fiber-epoxy biocomposite: mechanical, thermal conductivity, and dielectric properties	Balaji N., Natrayan L., Kaliappan S., Patil P.P., Sivakumar N.S.	21906815	Biomass Conversion and Biorefinery			0	7	54	1	62	0	62
2022	Analysis of Brain Tumor using Pre-trained CNN Models and Machine Learning Techniques	Kaur D., Goel S., Nijhawan R., Gupta S.		2022 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2022			0	1	2	0	3	0	3
2022	Hydroxyapatite Polymer Nano-composites and Their Role in Biomedical Applications	Kotnala S., Bhushan B., Nayak A.	9711198	Trends in Biomaterials and Artificial Organs	36	1	0	0	1	0	1	0	1
2022	Ethnobotanical Uses, Chemical Constituents, and Application of Plantago lanceolata L.	Abate L., Bachheti R.K., Tadesse M.G., Bachheti A.	20909063	Journal of Chemistry	2022		0	2	6	0	8	0	8
2022	Implementing Machine Learning for Supply-Demand Shifts and Price Impacts in Farmer Market for Tool and Equipment Sharing	Rakhra M., Bhargava A., Bhargava D., Singh R., Bhanot A., Rahmani A.W.	1469428	Journal of Food Quality	2022		0	14	3	0	17	0	17
2022	Investigating Novel Coronavirus Through Statistical Methods for Biomedical Applications: An Engineering Student Perspective	Shakya A.K., Ramola A., Vidyarthi A.	18761100	Lecture Notes in Electrical Engineering	841		0	0	0	0	0	0	0
2022	Synthesis and Optimization of Cr (VI) Removal from Aqueous Solution by Activated Carbon with Magnetic Fe3O4Nanoparticles by Response Surface Methodology	Natrayan L., Rajalakshmi R., Amandeep Singh K., Patil P.P., Veeman D., Paramasivam P.	2636174	Adsorption Science and Technology	2022		0	2	2	1	5	0	5
2022	Human-Computer Interaction with Hand Gesture Recognition Using ResNet and MobileNet	Alnuaim A., Zakariah M., Hatamleh W.A., Tarazi H., Tripathi V., Amoatey E.T.	16875265	Computational Intelligence and Neuroscience	2022		0	2	6	2	10	0	10
2022	Effect of Tungsten Carbide Addition on the Microstructure and Mechanical Behavior of Titanium Matrix Developed by Powder Metallurgy Route	Govindarajan V., Sivakumar R., Patil P.P., Kaliappan S., Ch Anil Kumar T., Kannan M., Ramesh B.	16878434	Advances in Materials Science and Engineering	2022		0	5	10	0	15	0	15
2022	Study of Numerous Resins Used in Polymer Matrix Composite Materials	Ramakrishnan T., Mohan Gift M.D., Chitradevi S., Jegan R., Subha Hency Jose P., Nagaraja H.N., Sharma R., Selvakumar P., Hailegiorgis S.M.	16878434	Advances in Materials Science and Engineering	2022		0	2	9	1	12	0	12
2022	CFD analysis of heat transfer characteristics of rectangular solar air heater with kite shaped roughness	Singh H., Singh H., Bahuguna R., Kishore C.	22147853	Materials Today: Proceedings	52		0	1	5	0	6	0	6
2022	Semi Supervised Cyber Attack Detection System for Smart Grid	Sharma R., Joshi A.M., Sahu C., Sharma G., Akindeji K.T., Sharma S.		Proceedings - 30th Southern African Universities Power Engineering Conference, SAUPEC 2022			0	0	3	0	3	0	3
2022	CFD numerical investigation of Heat transfer characteristics of Y- shaped solar air heater	Singh H., Singh H., Kishore C.	22147853	Materials Today: Proceedings	52		0	1	3	0	4	0	4
2022	Development of Short Term Solar Radiation Forecasting Using AI Techniques	Mdluli N., Sharma G., Akindeji K., Narayanan K., Sharma S.		Proceedings - 30th Southern African Universities Power Engineering Conference, SAUPEC 2022			0	0	1	0	1	0	1
2022	Design of Digital and Robust Control Systems for Sugar Refinery	Sunori S.K., Joshi K.A., Negi P.B., Mittal A., Garia P., Maurya S., Juneja P.		Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022			0	1	0	0	1	0	1
2022	Evaluating the webrooming behaviour for mobile phones	Bharti P., Grewal H.S., Singhal C., Kargeti H.	17510252	International Journal of Business Innovation and Research	27	2	0	0	0	0	0	0	0
2022	Optimisation of finite economic production quantity model under cloudy normalised triangular fuzzy number	Rajput N., Chauhan A., Pandey R.K.	17457645	International Journal of Operational Research	43	1-2	0	0	0	1	1	0	1
2022	Design of SA and GA Optimized PID Controllers for Controlling Blend Chest Level of Paper Mill	Bhakuni A.S., Sunori S.K., Arora S., Mittal A., Garia P., Maurya S., Juneja P.		Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022			0	1	0	0	1	0	1
2022	Multichannel CNN Model for Biomedical Entity Reorganization	Singh A.K., Khan I.R., Khan S., Pant K., Debnath S., Miah S.	23146133	BioMed Research International	2022		0	3	5	1	9	0	9
2022	Appositeness of Optimized and Reliable Machine Learning for Healthcare: A Survey	Swain S., Bhushan B., Dhiman G., Viriyasitavat W.	11343060	Archives of Computational Methods in Engineering			0	5	6	1	12	0	12
2022	Advances of graphene oxide based nanocomposite materials in the treatment of wastewater containing heavy metal ions and dyes	Joshi N.C., Gururani P.	26660865	Current Research in Green and Sustainable Chemistry	5		0	5	25	4	34	0	34
2022	Utilization of Tea Industrial Waste for Low-Grade Energy Recovery: Optimization of Liquid Oil Production and Its Characterization	Kathir I., Haribabu K., Kumar A., Kaliappan S., Patil P.P., Dhanalakshmi C.S., Madhu P., Birhanu H.A.	16878434	Advances in Materials Science and Engineering	2022		0	7	4	0	11	0	11
2022	Energy-Efficient Resource Allocation and Migration in Private Cloud Data Centre	Dhaya R., Ujwal U.J., Sharma T., Singh P., Kanthavel R., Selvan S., Krah D.	15308669	Wireless Communications and Mobile Computing	2022		0	3	9	0	12	0	12
2022	Investigation and analysis of fuzzy EOQ model for price sensitive and stock dependent demand under shortages	Poswal P., Chauhan A., Boadh R., Kumar Rajoria Y., Kumar A., Khatak N.	22147853	Materials Today: Proceedings	56		0	2	3	1	6	0	6
2022	Molecular mechanisms of developmental pathways in neurological disorders: A pharmacological and therapeutic review	Jha N.K., Chen W.-C., Kumar S., Dubey R., Tsai L.-W., Kar R., Jha S.K., Gupta P.K., Sharma A., Gundamaraju R., Pant K., Mani S., Singh S.K., Maccioni R.B., Datta T., Singh S.K., Gupta G., Prasher P., Dua K., Dey A., Sharma C., Mughal Y.H., Ruokolainen J., Kesari K.K., Ojha S.	20462441	Open Biology	12	3	0	2	6	1	9	0	9

2022	Comparative analysis of different mining approaches for Blockchain in infant care application on IoT	Pandey H., Singh Y.P., Singh Y., Singh P., Diwakar M., Pandey N.K.		2021 5th International Conference on Information Systems and Computer Networks, ISCON 2021			0	0	2	0	2	0	2
2022	Ensemble Methods on NSL-KDD	Kothari A., Vashishtha P., Singh P., Diwakar M., Pandey N.K.		2021 5th International Conference on Information Systems and Computer Networks, ISCON 2021			0	0	1	0	1	0	1
2022	Efficient Mechanism for Multicasting in IoT-Enabled Wireless Sensor Network	Dhondiyal S.A., Dimri S.C., Rana D.S.	1860949X	Studies in Computational Intelligence	1007		0	0	0	0	0	0	0
2022	Internet of Medical Things: A CT Image Denoising in Tetrolet Domain	Diwakar M., Pandey R., Sharma R., Saun S., Singh P., Pandey N.K.		2021 5th International Conference on Information Systems and Computer Networks, ISCON 2021			0	0	1	0	1	0	1
2022	Clinical Text Data Categorization and Feature Extraction Using Medical-Fissure Algorithm and Neg-Seq Algorithm	Pagad N.S., Pradeep N., Almuzaini K.K., Maheshwari M., Gangodkar D., Shukla P., Alhassan M.	16875265	Computational Intelligence and Neuroscience	2022		0	3	3	0	6	0	6
2022	E-MFIF-NSST: Entropy-based Multi-Focus Image Fusion technique in NSST domain	Singh P., Koranga M., Prasad R., Dubey A., Diwakar M., Pandey N.K.		2021 5th International Conference on Information Systems and Computer Networks, ISCON 2021			0	1	0	0	1	0	1
2022	Investigation of Mechanical Properties of Sansevieria cylindrica Fiber/Polyester Composites	Subramaniam B., Manickavasagam V.M., Rajakumar I P.T., Raj P.A.C., Bharath V.G., Madhusudhanan J., Sharma A.K., Patil P., Assefa G.B.	16878434	Advances in Materials Science and Engineering	2022		0	0	3	0	3	0	3
2022	Mitigating the Coexistence Technique in Wireless Body Area Networks By Using Superframe Interleaving	Kanwal S., Rashid J., Kim J., Juneja S., Dhiman G., Hussain A.	3772063	IETE Journal of Research			0	11	6	0	17	0	17
2022	Privacy for Healthcare Data Using the Byzantine Consensus Method	Dhiman G., Rashid J., Kim J., Juneja S., Viriyasitavat W., Gulati K.	3772063	IETE Journal of Research			0	10	5	0	15	0	15
2022	Deep Learning in Healthcare System for Quality of Service	Bordoloi D., Singh V., Sanober S., Buhari S.M., Ujjan J.A., Boddu R.	20402295	Journal of Healthcare Engineering	2022		0	0	14	2	16	0	16
2022	Synthesis, Characterization and Remedial Action of Biogenic Silver Nanoparticles and Chitosan-Silver Nanoparticles against Bacterial Pathogens	Gupta P.K., Karthik Kumar D., Thaveena M., Pandit S., Sinha S., Ranjithkumar R., Alsanie W.F., Thakur V.K.	21646325	Journal of Renewable Materials	10	5	0	0	0	0	0	0	0
2022	Enhanced LPQ Based Two Novel Blur Invariant Face Descriptors in Light Variations	Karanwal S., Diwakar M.	23673370	Lecture Notes in Networks and Systems	417		0	0	0	0	0	0	0
2022	Detection of Emotion of Speech for RAVDESS Audio Using Hybrid Convolution Neural Network	Puri T., Soni M., Dhiman G., Ibrahim Khalaf O., alazzam M., Raza Khan I.	20402295	Journal of Healthcare Engineering	2022		0	9	9	0	18	0	18
2022	Organisational commitment in higher educational institutions: Role of leadership and job characteristics	Mishra A.K., Rai A., Lakhera G., Upadhyay R.K.	14794853	International Journal of Learning and Intellectual Capital	19	2	0	0	0	0	0	0	0
2022	Optimization of Process Parameters for Friction Stir Welding of Different Aluminum Alloys AA2618 to AA5086 by Taguchi Method	Sasikala G., Jothiprakash V.M., Pant B., Subalakshmi R., Thirumal Azhagan M., Arul K., Alonazi W.B., Karnan M., Praveen Kumar S.	16878434	Advances in Materials Science and Engineering	2022		0	1	6	0	7	0	7
2022	Effect of Perception and Satisfaction on Preference for Mobile Wallet	Chand K., Tiwari R., Sapna	23197145	FIIB Business Review			0	1	6	0	7	0	7
2022	Investigation on Wear Characteristics of AZ91D/Nanoalumina Composites	Bharathi M.L., Rag S.A., Chitra L., Ashick R.M., Tripathi V., Kumar S.S., Al Obaid S., Alfarraj S., Murugesan M., Raghavan I.K.	16874110	Journal of Nanomaterials	2022		0	12	3	0	15	0	15
2022	Chlorella protothecoides Algae Oil and Its Mixes with Lower and Higher Alcohols and Al2O3 Metal Nanoadditives for Reduction of Pollution in a CI Engine	Vaidya G., Patil P.P., Sener A.S., Ramnath N.S., Singh B., Surakasi R., Sripathi S., Atiso T.A.	16874110	Journal of Nanomaterials	2022		0	7	5	0	12	0	12
2022	Fuzzy optimisation of a production model with CNTFN demand rate under trade-credit policy	Rajput N., Pandey R.K., Chauhan A.	17575850	International Journal of Mathematics in Operational Research	21	2	0	1	1	2	4	0	4
2022	Vector Variational Inequalities in Terms of Fréchet Subdifferentials with Genralized Convex Function	Joshi B.C., Mohan R., Pankaj	1092910X	Advances in Nonlinear Variational Inequalities	25	1	0	0	0	0	0	0	0
2022	Reverse transcriptase inhibition: a way to defeat HIV	Kumar V., Joshi H.C., Pandey I.P.	17301270	HIV and AIDS Review	21	1	0	0	1	0	1	0	1
2022	Traditional and Phytochemical Bases of Herbs, Shrubs, Climbers, and Trees from Ethiopia for Their Anticancer Response	Abate L., Tadesse M.G., Bachheti A., Bachheti R.K.	23146133	BioMed Research International	2022		0	1	11	0	12	0	12
2022	A Review of Recent Studies on the Antioxidant and Anti-Infectious Properties of Senna Plants	Alshehri M.M., Quispe C., Herrera-Bravo J., Sharifi-Rad J., Tutuncu S., Aydar E.F., Topkaya C., Mertdinc Z., Ozcelik B., Aital M., Kumar N.V.A., Lapava N., Rajkovic J., Ertani A., Nicola S., Semwal P., Painuli S., Gonzalez-Contreras C., Martorell M., Butnariu M., Bagiu I.C., Bagiu R.V., Barbhai M.D., Kumar M., Dastan S.D., Calina D., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2022		0	10	19	0	29	0	29
2022	A Step Towards Generation of DoS/DDoS Attacks Dataset for Docker-Centric Computing	Tomar A., Mishra P., Bisht R., Kumar P.S.	24557749	International Journal of Mathematical, Engineering and Management Sciences	7	1	0	0	1	0	1	0	1
2022	Analysis of Structural, Optical, and Aquaphobic Properties of Zirconium Oxide Nanofilms by Varying Sputtering Gas	Sujit K., Vikramaditya D., Velmurugan K.V., Bhaskarrao Y., Singh R., Pant B., Sharma A.K., Singh H.K., Mulugeta L.	16878434	Advances in Materials Science and Engineering	2022		0	1	0	0	1	0	1

2022	Deep Learning and Linguistic Feature Based Automatic Multiple Choice Question Generation from Text	Agarwal R., Negi V., Kalra A., Mittal A.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	13145		0	0	2	0	2	0	2
2022	A Review on the Effect of Various Chemical Treatments on the Mechanical Properties of Renewable Fiber-Reinforced Composites	Aravindh M., Sathish S., Ranga Raj R., Karthick A., Mohanavel V., Patil P.P., Muhibbullah M., Osman S.M.	16878434	Advances in Materials Science and Engineering	2022		0	4	11	0	15	0	15
2022	Mechanical and Durability Studies on Ficus exasperata Leaf Ash Concrete	Elango K.S., Prabu B., Sathish S., Karthick A., Sampathkumar V., Kumar S., Mohanavel V., Ravichandran M., Muhibbullah M., Osman S.M.	16878086	Advances in Civil Engineering	2022		0	0	0	0	0	0	0
2022	Nutraceutical Profiling, Bioactive Composition, and Biological Applications of Lepidium sativum L.	Painuli S., Quispe C., Herrera-Bravo J., Semwal P., Martorell M., Almarhoon Z.M., Seilkhan A., Ydyrys A., Rad J.S., Alshehri M.M., Dastan S.D., Taheri Y., Calina D., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2022		0	14	16	1	31	0	31
2022	MHD Darcy-Forchheimer Cu-Ag/H2O-C2H6O2 hybrid nanofluid flow via a porous stretching sheet with suction/blowing and viscous dissipation	Joshi N., Upreti H., Pandey A.K.	15502287	International Journal for Computational Methods in Engineering Science and Mechanics	23	6	0	11	37	8	56	0	56
2022	An investigation on effect of dissimilarity of mass flow rate on hourly, daily and annual efficiencies of double slope type solar still included with N similar PVT compound parabolic concentrators	Singh V., Kumar R., Singh D.B.	19443994	Desalination and Water Treatment	246		0	1	2	0	3	0	3
2022	Algae mediated photodegradation of fluroquinolone antibiotic: Ofloxacin	Ahmad W., Chandra Joshi H., Kumar S.	26660865	Current Research in Green and Sustainable Chemistry	5		0	1	2	1	4	0	4
2022	Antioxidant and Antidiabetic Activity of Berberis lycium: The Possibilities of TLC-MS Bioautography and in silico Study	Singh H., Singh N.	195464	Indian Journal of Pharmaceutical Education and Research	56	1	0	0	1	0	1	0	1
2022	Study of Various Epoxy-Based Surface Coating Techniques for Anticorrosion Properties	Ramakrishnan T., Raja Karthikeyan K., Tamilselvan V., Sivakumar S., Gangodkar D., Radha H.R., Narain Singh A., Asrat Waji Y.	16878434	Advances in Materials Science and Engineering	2022		0	2	6	1	9	0	9
2022	Corrosion Resistance of Electroless Ni-P-W/ZrO2 Nanocomposite Coatings in Peracid Solutions	Hassan S., Ansari A., Kumar A., Ram M., Sharma S., Sharma A.	2555476	Materials Science Forum	1048		0	0	0	0	0	0	0
2022	Fairness, Accountability, Sustainability, Transparency (FAST) of Artificial Intelligence in Terms of Hospitality Industry	Sharma S., Rawal Y.S., Pal S., Dani R.	23673370	Lecture Notes in Networks and Systems	314		0	0	2	0	2	0	2
2022	Production and Optimization of Energy Rich Biofuel through Co-Pyrolysis by Utilizing Mixed Agricultural Residues and Mixed Waste Plastics	Vibhakar C., Sabeenian R.S., Kaliappan S., Patil P.Y., Patil P.P., Madhu P., Sowmya Dhanalakshmi C., Ababu Birhanu H.	16878434	Advances in Materials Science and Engineering	2022		0	9	11	0	20	0	20
2022	Modal analysis and improvement of lightweight wings for micro air vehicle (MAV) applications	Seewoogolam V., Prasad B., Manral A.R., Alarifi I.M., Asmatulu R.	1738494X	Journal of Mechanical Science and Technology	36	1	0	0	3	0	3	0	3
2022	Adaptive and Progressive Multispectral Image Demosaicking	Gupta M., Rathi V., Goyal P.	25730436	IEEE Transactions on Computational Imaging	8		0	4	4	0	8	0	8
2022	Modal Analysis of a Pre-stressed Quadcopter Propeller Using Finite Element Analysis	Ahmad F., Kumar P., Patil P.P.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2022	Overcoming barriers to cross-sector collaboration in circular supply chain management: a multi-method approach	Luthra S., Sharma M., Kumar A., Joshi S., Collins E., Mangla S.	13665545	Transportation Research Part E: Logistics and Transportation Review	157		0	10	34	3	47	0	47
2022	Bacterial diversity of geochemically distinct hot springs located in Maharashtra, India	Mathan Kumar R., Jani K., Parvathi J.R., Thomas B.M., Raja S.S.S., Pandey A., Sharma A.	3028933	Archives of Microbiology	204	1	0	1	4	0	5	0	5
2022	Optimization of biodiesel synthesis from Jojoba oil via supercritical methanol: A response surface methodology approach coupled with genetic algorithm	Singh N.K., Singh Y., Sharma A.	9619534	Biomass and Bioenergy	156		0	8	15	3	26	0	26
2022	Development of Soil Moisture Inversion Model for Bare Soil Using Navigation with Indian Constellation (NavIC)	Shekhar S., Prakash R., Pandey D.K., Vidyarthi A., Tyagi S., Putrevu D., Misra A.	1545598X	IEEE Geoscience and Remote Sensing Letters	19		0	3	5	1	9	0	9
2022	Charge Plasma-Based Tunnel FET with Enhanced DC Performance Applicable for Ultra-low Power Applications	Mishra V., Verma Y.K., Gupta S.K., Haque A.A.	18761100	Lecture Notes in Electrical Engineering	777		0	1	0	0	1	0	1
2022	Well dispersed rGO in PVDF, PMMA and PTFE matrix: A nanocomposite with hydrophilic, capacitive, and improved tensile strength nature	Uniyal D., Prasad B., Robin, Saluja S., Chandra S., K.C. N.K., Ummer, Dhumka M., Juyal S., Panwar V., Gill F.S.	9259635	Diamond and Related Materials	121		0	1	2	0	3	0	3
2022	The relationship between emotional quotient and spiritual quotient affecting managerial efficiency of employees in organisations	Singh T., Upadhyay R.K., Mishra A.K., Grewal H.S.	14794853	International Journal of Learning and Intellectual Capital	19	1	0	1	0	1	2	0	2
2022	An efficient node placement scheme to mitigate routing attacks in Internet of Battlefield Things	Mohd N., Singh A., Bhadauria H.S., Wazid M.	457906	Computers and Electrical Engineering	97		0	1	4	0	5	0	5
2022	Mediating role of job embeddedness in the relation between work engagement and organisational citizenship behaviour	Mishra A.K., Kapil K., Upadhyay R.K.	17569850	International Journal of Economics and Business Research	23	1	0	0	0	0	0	0	0
2022	Three-Layer Multimodal Biometric Fusion Using SIFT and SURF Descriptors for Improved Accuracy of Authentication of Human Identity	Srivastava R., Singh D., Tomar R., Sarishma	25228595	EAI/Springer Innovations in Communication and Computing			0	0	2	1	3	0	3
2022	A Review on Cognitive Computational Neuroscience: Overview, Models, and Applications	Sarishma D., Sangwan S., Tomar R., Srivastava R.	25228595	EAI/Springer Innovations in Communication and Computing			0	4	3	1	8	0	8
2022	Internet of Things for sustaining a smart and secure healthcare system	Singh P.D., Dhiman G., Sharma R.	22105379	Sustainable Computing: Informatics and Systems	33		0	15	15	0	30	0	30

2022	Computer-Based Segmentation of Cancerous Tissues in Biomedical Images Using Enhanced Deep Learning Model	Tripathi S., Sharma N.	2564602	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	39	5	0	7	3	0	10	0	10
2022	Multifunctional β-Cyclodextrin-EDTA-Chitosan polymer adsorbent synthesis for simultaneous removal of heavy metals and organic dyes from wastewater	Verma M., Lee I., Hong Y., Kumar V., Kim H.	2697491	Environmental Pollution	292		1	18	43	8	69	0	70
2022	Development of Dust-Repellent Coating for Solar Panel and Evaluation of Energy Efficiency	Bhatt N., Mishra A., Goswami R., Rathod A.P.S.	23673370	Lecture Notes in Networks and Systems	214		0	0	0	0	0	0	0
2022	Integrating Taguchi method and artificial neural network for predicting and maximizing biofuel production via torrefaction and pyrolysis	Aniza R., Chen W.-H., Yang F.-C., Pugazhendh A., Singh Y.	9608524	Bioresource Technology	343		0	10	26	3	39	0	39
2022	Arbuscular mycorrhizal fungal association boosted the arsenic resistance in crops with special responsiveness to rice plant	Mitra D., Saritha B., Janeeshma E., Gusain P., Khoshru B., Abo Nouh F.A., Rani A., Olatunbosun A.N., Ruparelia J., Rabari A., Mosquera-Sanchez L.P., Mondal R., Verma D., Panneerselvam P., Das Mohapatra P.K., Guerra Sierra B.E.	988472	Environmental and Experimental Botany	193		0	6	14	4	24	0	24
2022	Transfer Learning Based Convolutional Neural Network (CNN) for Early Diagnosis of Covid19 Disease Using Chest Radiographs	Gupta S., Panwar A., Gupta S., Manwal M., Aeri M.	23673370	Lecture Notes in Networks and Systems	256		3	6	2	0	8	0	11
2022	Synthesis of EDTA-functionalized graphene oxide-chitosan nanocomposite for simultaneous removal of inorganic and organic pollutants from complex wastewater	Verma M., Lee I., Oh J., Kumar V., Kim H.	456535	Chemosphere	287		1	22	28	5	55	0	56
2022	Optimization of Bio-Calcification Process for a Newly Isolated Urease Producing Bacterial Strain Advenelle sp. AV1	Gupta S., Thapliyal P., Shah V., Daverey A.	1490451	Geomicrobiology Journal	39	3-5	0	0	1	0	1	0	1
2022	A Review on Attack and Security Tools at Network Layer of IoT	Agarwal V., Mishra P., Kumar S., Pilli E.S.	18761100	Lecture Notes in Electrical Engineering	771		0	0	1	0	1	0	1
2022	Exploring the Strengths of Neural Codes for Video Retrieval	Kumar V., Tripathi V., Pant B.	18761100	Lecture Notes in Electrical Engineering	768		0	8	3	0	11	0	11
2022	Formulation of C++ program for Quine–McCluskey Method of Boolean Function Minimization	Joshi M., Sunori S.K., Tewari N., Maurya S., Juneja P.K.	18761100	Lecture Notes in Electrical Engineering	768		0	1	1	0	2	0	2
2022	A Critical Review on Secure Authentication in Wireless Network	Diwakar M., Singh P., Kumar P., Tiwari K., Bhushan S.	18761100	Lecture Notes in Electrical Engineering	768		0	2	0	0	2	0	2
2022	An Unaccustomed AdaBoost Approach to Dig Out the Magnitude of Trash	Swati D., Sourabh J., Anupriya S.G.	18761100	Lecture Notes in Electrical Engineering	768		0	0	0	0	0	0	0
2022	MB-ZZLBP: Multiscale Block ZigZag Local Binary Pattern for Face Recognition	Karanwal S., Diwakar M.	18761100	Lecture Notes in Electrical Engineering	768		0	3	2	0	5	0	5
2022	Improving QoS of Cloudlet Scheduling via Effective Particle Swarm Model	Tomar A., Pant B., Tripathi V., Verma K.K., Mishra S.	18761100	Lecture Notes in Electrical Engineering	768		0	1	0	1	2	0	2
2022	Secure Authentication in WLAN Using Modified Four-Way Handshake Protocol	Diwakar M., Singh P., Kumar P., Tiwari K., Bhushan S., Kaushik M.	18761100	Lecture Notes in Electrical Engineering	768		0	2	1	0	3	0	3
2022	Prediction of soil erosion risk using earth observation data under recent emission scenarios of CMIP6	Kumar N., Singh S.K., Dubey A.K., Ray R.L., Mustak S., Rawat K.S.	10106049	Geocarto International	37	24	0	5	6	1	12	0	12
2022	ARPS: An Autonomic Resource Provisioning and Scheduling Framework for Cloud Platforms	Kumar M., Kishor A., Abawajy J., Agarwal P., Singh A., Zomaya A.Y.	23773782	IEEE Transactions on Sustainable Computing	7	2	0	7	14	3	24	0	24
2022	Motor imagery classification in brain-machine interface with machine learning algorithms: Classical approach to multi-layer perceptron model	Sharma R., Kim M., Gupta A.	17468094	Biomedical Signal Processing and Control	71		0	14	22	4	40	0	40
2022	Experimental study of solar energy–based water purifier of single-slope type by incorporating a number of similar evacuated tubular collectors	Sharma S.K., Mallick A., Singh D.B., Tiwari G.N.	9441344	Environmental Science and Pollution Research	29	5	0	9	6	0	15	0	15
2022	Soft Computing-Based Optimization of pH Control System of Sugar Mill	Sunori S.K., Negi P.B., Mittal A., Bhawana, Goyal P., Juneja P.K.	23673370	Lecture Notes in Networks and Systems	209		1	4	0	0	4	0	5
2022	Encoder Modified U-Net and Feature Pyramid Network for Multi-class Segmentation of Cardiac Magnetic Resonance Images	Sharan T.S., Tripathi S., Sharma S., Sharma N.	2564602	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	39	5	2	9	7	0	16	0	18
2022	Dynamic Kernel CNN-LR model for people counting	Tomar A., Kumar S., Pant B., Tiwari U.K.	0924669X	Applied Intelligence	52	1	0	2	9	1	12	0	12
2022	Molecular insights into a mechanism of resveratrol action using hybrid computational docking/CoMFA and machine learning approach	Pande A., Manchanda M., Bhat H.R., Bairy P.S., Kumar N., Gahtori P.	7391102	Journal of Biomolecular Structure and Dynamics	40	18	1	2	1	1	4	0	5
2022	Hesperetin's health potential: moving from preclinical to clinical evidence and bioavailability issues, to upcoming strategies to overcome current limitations	Salehi B., Cruz-Martins N., Butnariu M., Sarac I., Bagiu I.-C., Ezzat S.M., Wang J., Koay A., Sheridan H., Adetunji C.O., Semwal P., Schoebitz M., Martorell M., Sharifi-Rad J.	10408398	Critical Reviews in Food Science and Nutrition	62	16	2	10	10	1	21	0	23
2022	Molecular docking and simulation studies of natural compounds of Vitex negundo L. against papain-like protease (PLpro) of SARS CoV-2 (coronavirus) to conquer the pandemic situation in the world	Mitra D., Verma D., Mahakur B., Kamboj A., Srivastava R., Gupta S., Pandey A., Arora B., Pant K., Panneerselvam P., Ghosh A., Barik D.P., Mohapatra P.K.D.	7391102	Journal of Biomolecular Structure and Dynamics	40	12	3	8	13	0	21	0	24
2022	Hydrothermal liquefaction of municipal wastewater sludge and nutrient recovery from the aqueous phase	Kumar V., Jaiswal K.K., Vlaskin M.S., Nanda M., Tripathi M.K., Gururani P., Kumar S., Joshi H.C.	17597269	Biofuels	13	5	0	2	9	0	11	0	11
2022	Fairness-Aware Mechanism for Load Balancing in Distributed Systems	Kishor A., Niyogi R., Veeravalli B.	19391374	IEEE Transactions on Services Computing	15	4	0	3	7	0	10	0	10
2022	Influence of altitude on secondary metabolites, antioxidants, and antimicrobial activities of Himalayan yew (Taxus wallichiana)	Adhikari P., Joshi K., Singh M., Pandey A.	11263504	Plant Biosystems	156	1	0	4	7	1	12	0	12

2022	Moringa Oleifera: Bio based lubricant development from a novel feedstock for tribological characterization	Singh Y., Sharma A., Singh N.K., Singla A., Upadhyay R.K.	2374068X	Advances in Materials and Processing Technologies	8	1	0	1	0	0	1	0	1
2022	Extraction and Characterization of Munja Fibers and Its Potential in the Biocomposites	Lila M.K., Komal U.K., Singh Y., Singh I.	15440478	Journal of Natural Fibers	19	7	2	10	11	1	22	0	24
2021	Mucormycosis: A Double Threat to COVID-19 Patients	Dulta K., Kumar K., Agceli G.K., Chauhan P.K., Kumar V.	18278620	Pharmacologyonline	3		0	0	0	0	0	0	0
2021	[Effective information system and organisational efficiency, Skuteczny system informacyjny i efektywność organizacyjna]	Rahiman H.U., Nawaz N., Kodikal R., Hariharasudan A.	20817452	Polish Journal of Management Studies	24	2	0	3	2	0	5	0	5
2021	IoT and blockchain technology-based healthcare monitoring	Wazid M., Bera B., Das A.K., Singh D.P.		Blockchain in Digital Healthcare			0	2	2	0	4	0	4
2021	Simultaneous Removal of Heavy Metals and Ciprofloxacin Micropollutants from Wastewater Using Ethylenediaminetetraacetic Acid-Functionalized β-Cyclodextrin-Chitosan Adsorbent	Verma M., Lee I., Sharma S., Kumar R., Kumar V., Kim H.	24701343	ACS Omega	6	50	0	8	12	3	23	0	23
2021	Radial pulsations of distorted polytropes of non-uniform density	Kumar S., Saini S., Singh K.K., Bhatt V., Vashishtha L.	10556796	Astronomical and Astrophysical Transactions	32	4	0	0	0	0	0	0	0
2021	Performance of CuO nanoparticles as an additive to the chemically modified Nicotiana Tabacum as a sustainable coolant-lubricant during turning EN19 steel	Singh N.K., Singh Y., Sharma A., Paswan M.K., Singh V.K., Upadhyay A.K., Mishra V.R.	431648	Wear	486-487		1	0	0	0	0	0	1
2021	Analysis of methanol synthesis using CO2 hydrogenation and syngas produced from biogas-based reforming processes	Chein R.-Y., Chen W.-H., Chyuan Ong H., Loke Show P., Singh Y.	13858947	Chemical Engineering Journal	426		0	12	15	4	31	0	31
2021	Editorial: Functionally Antagonistic Two-Dimensional Nanomaterials for Advanced Device Technology	Umrao S., Kim J., Vikram K., Zhou Q.	26733013	Frontiers in Nanotechnology	3		0	0	0	0	0	0	0
2021	Superior energy storage performance coupled with excellent electrical characteristics in lead-free Ba0.8Ca0.2TiO3-(Bi0.80Mg0.20)(Ti0.65Mg0.30)O3ceramics	Jain A., Kumar A., Gupta N., Kumar V.	223727	Journal of Physics D: Applied Physics	54	49	0	1	0	0	1	0	1
2021	Sensitivity investigation for solar still of double slope type included with N similar CPC integrated ETC by incorporating yield and efficiency	Raturi A., Dobriyal R., Sharma R.K., Dwivedi A., Singh S.P., Singh D.B.	19443994	Desalination and Water Treatment	244		0	3	3	0	6	0	6
2021	An investigation of effect of mass flow rate variation on productivity, exergoeconomic and enviroeconomic parameters of N similar PVTCPCs included with double slope solar still	Singh D.B., Kumar D., Yadav R.K., Sharma S.K., Chaturbedi Y., Kumar N., Dwivedi V.K.	19443994	Desalination and Water Treatment	243		0	2	2	0	4	0	4
2021	Some Results on Mathematical Programs with Equilibrium Constraints	Joshi B.C.	26622556	Operations Research Forum	2	4	0	0	0	0	0	0	0
2021	STOCHASTIC ANALYSIS OF COMPLEX REDUNDANT SYSTEM HAVING PROBLEM OF WAITING LINE IN REPAIR USING COPULA METHODOLOGY	Sengar S., Ram M., Kazancoglu Y.	19322321	Reliability: Theory and Applications	16	4	0	2	1	0	3	0	3
2021	The Case of India A Moral Foundation for the Impact of COVID-19 on Health and Society in the World's Largest Democracy	Pellissery S., Paul V., Srivastava K., Ranjan D.	17570344	International Journal of Social Quality(United States)	11	1-2	0	1	2	0	3	0	3
2021	Technological advancement: In vitro fertilization (IVF)	Sharma D.S., Sutariya S.J., Kaur H., Somani H.A., Gupta A.	9743618	Research Journal of Pharmacy and Technology	14	12	0	0	0	0	0	0	0
2021	Temperature impact on device characteristics of charge plasma based tunnel FET with Si0.5Ge0.5 source	Mishra V., Verma Y.K., Agarwal L., Gupta S.K.	26318695	Engineering Research Express	3	4	0	0	5	0	5	0	5
2021	Exploring the potential of machine learning for simulations of urban ozone variability	Ojha N., Girach I., Sharma K., Sharma A., Singh N., Gunthe S.S.	20452322	Scientific Reports	11	1	0	2	7	1	10	0	10
2021	Bio-remediation capacity for Cd(II) and Pb(II) from the aqueous medium by two novel strains of microalgae and their effect on lipidomics and metabolomics	Nanda M., Jaiswal K.K., Kumar V., Verma M., Vlaskin M.S., Gururani P., Kim H., Alajmi M.F., Hussain A.	22147144	Journal of Water Process Engineering	44		0	5	6	3	14	0	14
2021	3D Bioprinting to Fabricate Living Microalgal Materials	Kumar V., Vlaskin M.S., Grigorenko A.V.	1677799	Trends in Biotechnology	39	12	0	3	3	2	8	0	8
2021	Lie symmetries, exact solutions and conservation laws of the Date–Jimbo–Kashiwara–Miwa equation	Tanwar D.V., Kumar M.	0924090X	Nonlinear Dynamics	106	4	0	9	5	1	15	0	15
2021	Cold plasma technology: advanced and sustainable approach for wastewater treatment	Gururani P., Bhatnagar P., Bisht B., Kumar V., Joshi N.C., Tomar M.S., Pathak B.	9441344	Environmental Science and Pollution Research	28	46	0	9	21	1	31	0	31
2021	Effect of silica nano particles on the rheological and HTHP filtration properties of environment friendly additive in water-based drilling fluid	Prakash V., Sharma N., Bhattacharya M.	21900558	Journal of Petroleum Exploration and Production Technology	11	12	0	4	5	2	11	0	11
2021	BGSA: Broker Guided Service Allocation in Federated Cloud	Chauhan S.S., Pilli E.S., Joshi R.C.	22105379	Sustainable Computing: Informatics and Systems	32		0	1	0	0	1	0	1
2021	Multi-objective techno-economic operation of smart distribution network integrated with reactive power support of battery storage systems	Rawat T., Niazi K.R., Gupta N., Sharma S.	22106707	Sustainable Cities and Society	75		0	4	7	1	12	0	12
2021	Reliability as Key Software Quality Metric: A Multi-Criterion Intuitionistic Fuzzy-Topsis-Based Analysis	Gupta P., Anand A., Ram M.	2185393	International Journal of Reliability, Quality and Safety Engineering	28	6	0	4	6	0	10	0	10
2021	Risk Assessment in ERP Project by COPRAS Method under Fuzzy Environment	Nigam M.K., Avikal S., Ram M.	2185393	International Journal of Reliability, Quality and Safety Engineering	28	6	0	0	4	0	4	0	4
2021	Evaluating comparative β-glucan production aptitude of Saccharomyces cerevisiae, Aspergillus oryzae, Xanthomonas campestris, and Bacillus natto	Utama G.L., Dio C., Sulistiyo J., Yee Chye F., Lembong E., Cahyana Y., Kumar Verma D., Thakur M., Patel A.R., Singh S.	1319562X	Saudi Journal of Biological Sciences	28	12	1	2	7	0	9	0	10
2021	Soil moisture sensor for agricultural applications inspired from state of art study of surfaces scattering models & semi-empirical soil moisture models	Shakya A.K., Ramola A., Kandwal A., Vidyarthi A.	1658077X	Journal of the Saudi Society of Agricultural Sciences	20	8	0	5	10	1	16	0	16
2021	Impact of pyrene (polycyclic aromatic hydrocarbons) pollutant on metabolites and lipid induction in microalgae Chlorella sorokiniana (UUIND6) to produce renewable biodiesel	Jaiswal K.K., Kumar V., Vlaskin M.S., Nanda M.	456535	Chemosphere	285		0	7	8	0	15	0	15

2021	Preface: Special Issue on Reliability and Safety Modeling of Complex Systems	Ram M., Verma A.K.	2185393	International Journal of Reliability, Quality and Safety Engineering	28	6	0	0	0	0	0	0	0
2021	Development of Intelligent Transportation System and Its Applications for an Urban Corridor During COVID-19	Jain S., Jain S.S.	22502106	Journal of The Institution of Engineers (India): Series B	102	6	0	3	1	1	5	0	5
2021	Phytochemical investigation and potential pharmacologically active compounds of Rumex nepalensis: an appraisal	Gonfa Y.H., Beshah F., Tadesse M.G., Bachheti A., Bachheti R.K.	23148535	Beni-Suef University Journal of Basic and Applied Sciences	10	1	0	7	8	0	15	0	15
2021	BSS: a brokering model for service selection using integrated weighting approach in cloud environment	Chauhan S.S., Pilli E.S., Joshi R.C.	2192113X	Journal of Cloud Computing	10	1	0	5	4	0	9	0	9
2021	Modeling the Direction and Volume of Trade Flows in Global Crisis, COVID-19	Tyagi A., Shah U.	22502106	Journal of The Institution of Engineers (India): Series B	102	6	1	0	1	0	1	0	2
2021	A Review on SAR Image and its Despeckling	Singh P., Diwakar M., Shankar A., Shree R., Kumar M.	11343060	Archives of Computational Methods in Engineering	28	7	2	13	26	2	41	0	43
2021	Comparison of closed loop performance of consistency process dynamics for various PID controller algorithms	Juneja P.K., Sunori S.K., Sharma A., Sharma A., Kumar P., Joshi V., Raizada R.	17426588	Journal of Physics: Conference Series	2070	1	0	0	0	0	0	0	0
2021	Effect of delay approximation of various orders on the open loop response of a delayed process model	Juneja P.K., Sunori S.K., Sharma A., Sharma A., Kumar P., Wilson I., Maurya S., Bhasin P.	17426588	Journal of Physics: Conference Series	2070	1	0	0	0	0	0	0	0
2021	Hydrophobically modified cotton fabric assisted separation of oil-water mixture	Bhatt N., Mishra A., Goswami R.	2731223	Water Science and Technology	84	10-11	0	0	0	0	0	0	0
2021	Biopolymers and nanomaterials in food packaging and applications	Dogra V., Verma D., Fortunati E.		Nanotechnology-Based Sustainable Alternatives for the Management of Plant Diseases			0	1	2	0	3	0	3
2021	Intersecting behavior through patterns of subconscious	Patil S.P., Jakhwal D.S., Gupta S., Pant K.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	10		0	0	0	0	0	0	0
2021	Tele health in the digital era during covid -19 a case study of Uttarakhand	Malhotra R.K., Gupta S.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	10		0	1	0	0	1	0	1
2021	Immunomodulation via phytoactive compounds a promising therapy for future medical system	Shah A.A., Kumar V., Gupta A.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	10		0	1	2	0	3	0	3
2021	Yoga for holistic treatment of polycystic ovarian syndrome	Patil S.P., Singh B., Bisht J., Gupta S., Khanna R.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	10		0	0	0	0	0	0	0
2021	A study of assessment of knowledge, perception and attitude of using tele health services among college going students of Uttarakhand	Malhotra R.K., Ojha M.K., Gupta S.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	10		0	0	3	0	3	0	3
2021	Dengue fever-a worldwide study	Kumar V., Gupta S., Khanna R.	23207418	Journal of Medical Pharmaceutical and Allied Sciences	10		0	0	0	0	0	0	0
2021	Prediction of an optimum engine response based on di erent input parameters on common rail direct injection diesel engine: A response surface methodology approach	Kumar M., Ansari N.A., Sharma A., Singh V.K., Gautam R., Singh Y.	10263098	Scientia Iranica	28	6	0	2	4	0	6	0	6
2021	Microbial pollution of water with special reference to coliform bacteria and their nexus with environment	Some S., Mondal R., Mitra D., Jain D., Verma D., Das S.	27724271	Energy Nexus	1		1	14	29	5	48	0	49
2021	A systematic review of agricultural policies in terms of drivers, enablers, and bottlenecks: Comparison of three Indian states and a model bio-energy village located in different agro climatic regions	Tomar S., Sharma N.	2352801X	Groundwater for Sustainable Development	15		0	2	1	0	3	0	3
2021	A novel image retrieval technique based on semi supervised clustering	Nisha Chandran S., Gangodkar D.	13807501	Multimedia Tools and Applications	80	28-29	0	0	7	1	8	0	8
2021	Optimal resource allocation for software development under agile framework	Anand A., Kaur J., Singh O., Ram M.	19322321	Reliability: Theory and Applications	16		0	1	3	0	4	0	4
2021	Signature analysis of bleaching and 2-out-of-4 systems	Tyagi S., Kumar A., Ram M., Saini S.	19322321	Reliability: Theory and Applications	16		0	0	0	0	0	0	0
2021	Ranking of software reliability growth models: A Entropy-ELECTRE hybrid approach	Saxena P., Kumar V., Ram M.	19322321	Reliability: Theory and Applications	16		0	4	4	1	9	0	9
2021	Availability-cost optimization of butter oil processing system by using nature inspired optimization algorithms	Kumar A., Negi G., Pant S., Ram M., Dimri S.C.	19322321	Reliability: Theory and Applications	16		0	4	9	0	13	0	13
2021	An economical order quantity inventory model for time-dependent deterioration rate with price dependent demand under permitted delay	Kumar M., Singh S.J., Kumar S.	19322321	Reliability: Theory and Applications	16		0	0	0	0	0	0	0
2021	Intelligent valve fault diagnosis approach for reciprocating compressor based on acoustic signals	Patil A., Soni G., Prakash A., Ram M.	19322321	Reliability: Theory and Applications	16		0	1	0	0	1	0	1
2021	Antimicrobial compound production by pigment producing endophytic bacterium (Burkholderia sp. GBPI_TWL) isolated from Taxus wallichiana Zucc.	Adhikari P., Pandey A.	63088	Biologia	76	11	0	1	3	0	4	0	4
2021	Highly textured (100)-oriented AlN thin films using thermal atomic layer deposition and their electrical properties	Tiwari C., Dixit A.	9478396	Applied Physics A: Materials Science and Processing	127	11	0	0	2	0	2	0	2
2021	Intrusion Detection System Based on Hybrid Hierarchical Classifiers	Mohd N., Singh A., Bhadauria H.S.	9296212	Wireless Personal Communications	121	1	1	3	5	0	8	0	9
2021	Microbial Degradation of Caffeine Using Himalayan Psychrotolerant Pseudomonas sp.GBPI_Hb5 (MCC 3295)	Thathola P., Agnihotri V., Pandey A.	3438651	Current Microbiology	78	11	0	0	2	0	2	0	2
2021	Statistical Quantification of Texture Visual Features for Pattern Recognition by Analyzing Pre- And Post-Multispectral Landsat Satellite Imagery	Shakya A.K., Ramola A., Vidyarthi A.	15276988	Natural Hazards Review	22	4	0	6	4	1	11	0	11
2021	Mixed convective flow of Ag–H2O magnetic nanofluid over a curved surface with volumetric heat generation and temperature-dependent viscosity	Pandey A.K., Upreti H.	26884534	Heat Transfer	50	7	0	25	21	3	49	0	49
2021	Numerical solution for Sisko nanofluid flow through stretching surface in a Darcy–Forchheimer porous medium with thermal radiation	Upreti H., Joshi N., Pandey A.K., Rawat S.K.	26884534	Heat Transfer	50	7	3	23	12	2	37	0	40

2021	Electrically Controlled Nanophotonic Slot Structure Based on Photocatalytic Nanocomposite for Optical Detection of Foodborne Pathogens	Srivastava S., Singh L., Kaushik V., Rajput S., Jain S., Pal M.K., Kumar M.	7338724	Journal of Lightwave Technology	39	20	0	1	1	0	2	0	2
2021	The potential of nuclear magnetic resonance (NMR) in metabolomics and lipidomics of microalgae- a review	Bisht B., Kumar V., Gururani P., Tomar M.S., Nanda M., Vlaskin M.S., Kumar S., Kurbatova A.	39861	Archives of Biochemistry and Biophysics	710		0	7	11	0	18	0	18
2021	Application of green nanomaterials in catalysis industry	Verma M., Sharma S., Kumar A., Kumar V., Kim M., Hong Y., Lee I., Kim H.		Green Nanomaterials for Industrial Applications			0	0	1	0	1	0	1
2021	Two view NURBS reconstruction based on GACO model	Saini D., Kumar S., Singh M.K., Ali M.	21994536	Complex and Intelligent Systems	7	5	0	3	2	0	5	0	5
2021	Sustainable reverse logistics practices and performance evaluation with fuzzy TOPSIS: A study on Indian retailers	Sharma N.K., Kumar V., Verma P., Luthra S.	27723909	Cleaner Logistics and Supply Chain	1		1	11	15	0	26	0	27
2021	Recent Computational Intelligence Advancements in Image Processing	Diwakar M.	26662558	Recent Advances in Computer Science and Communications	14	8	0	0	0	0	0	0	0
2021	A concise review on latest methods of image fusion	Joshi K., Diwakar M., Joshi N.K., Lamba S.	26662558	Recent Advances in Computer Science and Communications	14	7	0	5	17	0	22	0	22
2021	Image of polynomials under generalized Szász operators	Gupta P., Ram M., Dubey R.	10051031	Applied Mathematics	36	4	0	0	0	0	0	0	0
2021	Unsupervised and Supervised Learning based Classification Models for Air Pollution Data	Sunori S.K., Negi P.B., Juneja P., Niranjanamurthy M., Om Prakash P.G., Mittal A., Maurya S.		2021 2nd Global Conference for Advancement in Technology, GCAT 2021			0	1	0	0	1	0	1
2021	Prediction of Rainfall using GRNN and Neurofuzzy Techniques	Sunori S.K., Mittal A., Juneja P., Om Prakash P.G., Alagh R., Maurya S.		2021 2nd Global Conference for Advancement in Technology, GCAT 2021			0	2	1	0	3	0	3
2021	Android malware detection techniques in traditional and cloud computing platforms: A state-of-the-art survey	Vishnoi A., Mishra P., Negi C., Peddoju S.K.	21561834	International Journal of Cloud Applications and Computing	11	4	0	2	3	0	5	0	5
2021	Non-Radial Pulsations of Distorted Stellar Structures: Effect of Mass Variation	Saini S., Kumar S., Bhatt V., Bedi P.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	5	0	0	0	0	0	0	0
2021	Synthesis and characterization of novel fe3 o4 /pva/eggshell hybrid nanocomposite for photodegradation and antibacterial activity	Gupta P.K., Palanisamy S., Gopal T., Rajamani R., Pandit S., Sinha S., Thakur V.K.	2504477X	Journal of Composites Science	5	10	0	4	2	1	7	0	7
2021	Functional importance of bioactive compounds of foods with Potential Health Benefits: A review on recent trends	Banwo K., Olojede A.O., Adesulu-Dahunsi A.T., Verma D.K., Thakur M., Tripathy S., Singh S., Patel A.R., Gupta A.K., Aguilar C.N., Utama G.L.	22124292	Food Bioscience	43		0	25	26	2	53	0	53
2021	A critical perspective on the scope of interdisciplinary approaches used in fourth-generation biofuel production	Godbole V., Pal M.K., Gautam P.	22119264	Algal Research	58		0	9	16	2	27	0	27
2021	Fabrication of GO–MnO2 nanocomposite using hydrothermal process for cationic and anionic dyes adsorption: Kinetics, isotherm, and reusability	Verma M., Tyagi I., Kumar V., Goel S., Vaya D., Kim H.	22133437	Journal of Environmental Chemical Engineering	9	5	2	26	32	2	60	0	62
2021	Discriminative color descriptor by the fusion of three novel color descriptors	Karanwal S.	304026	Optik	244		0	3	2	0	5	0	5
2021	Structural phase transition from 1H to 1T′ at low pressure in supported monolayer WS2: Raman study	Thomas A., Vikram K., Muthu D.V.S., Sood A.K.	381098	Solid State Communications	336		0	4	2	1	7	0	7
2021	ZeroAccess botnet investigation and analysis	Rawat R.S., Diwakar M., Verma P.	25112104	International Journal of Information Technology (Singapore)	13	5	0	2	3	0	5	0	5
2021	Wavelet-Based Multi-Focus Image Fusion Using Average Method Noise Diffusion (AMND)	Singh P., Diwakar M.	26662558	Recent Advances in Computer Science and Communications	14	8	2	2	2	0	4	0	6
2021	Oscillations of differentially rotating and tidally distorted gaseous spheres : Effect of non-uniform density	Kumar S., Saini S., Singh K.K., Bhatt V., Mohan C.	13841076	New Astronomy	88		1	2	0	0	2	0	3
2021	Comparison of tool wear during friction stir welding of Al alloy and Al-SiC metal matrix composite	Bist A., Saini J.S., Sharma V.	9544089	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	235	5	0	6	6	0	12	0	12
2021	Designing Authenticated Key Management Scheme in 6G-Enabled Network in a Box Deployed for Industrial Applications	Wazid M., Das A.K., Kumar N., Alazab M.	15513203	IEEE Transactions on Industrial Informatics	17	10	3	7	11	1	19	0	22
2021	Plant Growth Promotion at Low Temperature by Phosphate-Solubilizing Pseudomonas Spp. Isolated from High-Altitude Himalayan Soil	Adhikari P., Jain R., Sharma A., Pandey A.	953628	Microbial Ecology	82	3	4	14	16	0	30	0	34
2021	VMShield: Memory Introspection-Based Malware Detection to Secure Cloud-Based Services against Stealthy Attacks	Mishra P., Aggarwal P., Vidyarthi A., Singh P., Khan B., Alhelou H.H., Siano P.	15513203	IEEE Transactions on Industrial Informatics	17	10	6	13	8	1	22	0	28
2021	Biogenic and Non-Biogenic Waste Utilization in the Synthesis of 2D Materials (Graphene, h-BN, g-C2N) and Their Applications	Singh M.P., Bhardwaj A.K., Bharati K., Singh R.P., Chaurasia S.K., Kumar S., Singh R.P., Shukla A., Naraian R., Vikram K.	26733013	Frontiers in Nanotechnology	3		2	3	7	0	10	0	12
2021	Implementation and Analysis of IoT Based Automation Using MQTT	Kashyap M., Sharma V., Verma G.		2021 IEEE 4th International Conference on Computing, Power and Communication Technologies, GUCON 2021			0	1	2	0	3	0	3
2021	Deep Learning for Hate Speech Detection in social media	Kumar A., Tyagi V., Das S.		2021 IEEE 4th International Conference on Computing, Power and Communication Technologies, GUCON 2021			0	0	2	0	2	0	2
2021	Curcumin Extraction, Isolation, Quantification and Its Application in Functional Foods: A Review With a Focus on Immune Enhancement Activities and COVID-19	Tripathy S., Verma D.K., Thakur M., Patel A.R., Srivastav P.P., Singh S., Gupta A.K., Chavez-Gonzalez M.L., Aguilar C.N., Chakravorty N., Verma H.K., Utama G.L.	2296861X	Frontiers in Nutrition	8		0	5	17	2	24	0	24
2021	Characterisations and adsorption behaviour of biologically synthesised Fe3O4 based hybrid nanosorbent (Fe3O4-BHN)	Chandra Joshi N., Gairola S.P., Gururani P.	2540584	Materials Chemistry and Physics	270		0	6	6	0	12	0	12

2021	Music Genre Classification Using Data Filtering Algorithm: An Artificial Intelligence Approach	Ghildiyal A., Sharma S.		Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021			0	3	0	0	3	0	3
2021	An Enhanced Local Descriptor (ELD) for Face Recognition	Karanwal S.		Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021			0	2	5	0	7	0	7
2021	Headbox Control System Design and Analysis under Model Mismatch	Juneja P., Sunori S.K., Sharma A., Sharma A., Singh G., Bhasin I., Sharma V.		Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021			0	2	0	0	2	0	2
2021	Advance Deep Learning Technique for Big Data Classification in IDS Environment	Kundaliya A., Juyal P.		Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021			0	1	0	0	1	0	1
2021	Sensitivity analysis of a solar still of a single slope type included with n similar evacuated tubular collectors having series connection	Raturi A., Singh D.B., Patil P.P., Sharma A.K.	19443994	Desalination and Water Treatment	234		0	3	4	0	7	0	7
2021	Root Endophytes Associated with Apple Grown in Himachal Pradesh, in Relation to Altitude, Season, and Soil Parameters	Khatri S., Shridhar V., Pandey A.	3698211	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	91	3	0	0	1	0	1	0	1
2021	A method for selection of power MOSFETs to minimize power dissipation	Jadli U., Mohd-Yasin F., Moghadam H.A., Pande P., Chaturvedi M., Dimitrijev S.	20799292	Electronics (Switzerland)	10	17	1	2	4	0	6	0	7
2021	Elucidation of molecular drug targets of hypoglycemic drugs against human gut microbiota	Aakanksha M., Tanmay G., Rishabh B., Devvret V., Shubhi S., Nishant R., Jigisha A.	9736263	Research Journal of Biotechnology	16	9	0	0	0	0	0	0	0
2021	1H NMR-based metabolomics and lipidomics of microalgae	Nanda M., Kumar V., Arora N., Vlaskin M.S., Tripathi M.K.	13601385	Trends in Plant Science	26	9	1	0	4	0	4	0	5
2021	Biopurification of dairy farm wastewater through hybrid constructed wetland system: Groundwater quality and health implications	Sharma P.K., Rausa K., Rani A., Mukherjee S., Kumar M.	139351	Environmental Research	200		0	2	6	0	8	0	8
2021	Graph Based Structure Binary Pattern for Face Analysis	Karanwal S.	304026	Optik	241		1	5	7	1	13	0	14
2021	Design of H-Infinity controller for BLDC Motor through Mixed Sensitivity Approach	Saini P., Dlxit A., Charu K., Varshney N.		2021 Asian Conference on Innovation in Technology, ASIANCON 2021			0	2	0	0	2	0	2
2021	Fabrication of microwave assisted biogenic magnetite-biochar nanocomposite: A green adsorbent from jackfruit peel for removal and recovery of nutrients in water sample	Nayak A., Bhushan B., Gupta V., Kotnala S.	1226086X	Journal of Industrial and Engineering Chemistry	100		0	6	5	1	12	0	12
2021	Antidrug resistance in the Indian ambient waters of Ahmedabad during the COVID-19 pandemic	Kumar M., Dhangar K., Thakur A.K., Ram B., Chaminda T., Sharma P., Kumar A., Raval N., Srivastava V., Rinklebe J., Kuroda K., Sonne C., Barcelo D.	3043894	Journal of Hazardous Materials	416		4	11	9	3	23	0	27
2021	Variations of Energy Fluxes with ENSO, IOD and ISV of Indian Summer Monsoon Rainfall over the Indian Monsoon Region	Bal P.K., Dasari H.P., Prasad N., Salunke P., Parihar R.S.	1698095	Atmospheric Research	258		0	0	1	0	1	0	1
2021	Virtual machine introspection in virtualization: A security perspective	Kapil D., Mishra P.		ACM International Conference Proceeding Series			0	2	1	0	3	0	3
2021	Model Identification and MPC based control of Heat Exchanger System of Sugar Crystallizer	Sunori S.K., Singh G., Maurya S., Mittal A., Arora S., Juneja P.		Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021			0	3	0	0	3	0	3
2021	Using Transfer Learning and Pattern Recognition to Implement a Smart Waste Management System	Aggarwal V., Gupta V., Gupta S., Sharma N., Sharma K., Sharma N.		Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021			0	0	0	0	0	0	0
2021	Integration of Waste Management Companies in Micro Grids through Machine Learning	Aggarwal V., Gupta V., Sharma N., Gupta S., Pundir V., Sharma K., Sharma N.		Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021			0	0	1	0	1	0	1
2021	Visualization and Prediction of Heart Diseases Using Data Science Framework	Gupta V., Aggarwal V., Gupta S., Sharma N., Sharma K., Sharma N.		Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021			0	1	3	0	4	0	4
2021	Salt stress in plants: From gene to biotechnology	Rathi1 S., Kumar D.		Salt Stress Responses in Plants: Perception, Signaling, Omics and Tolerance Mechanisms			0	0	0	0	0	0	0
2021	A review on nanocellulose and its potential biomedical applications	Kumari S., Chauhan R.P.S., Mishra A., Kumar P.	9711198	Trends in Biomaterials and Artificial Organs	35	3	0	1	2	0	3	0	3
2021	Study on effect of dissimilarity of mass flow rate on energy metrics of solar energy-based double slope water purifier by incorporating n alike PVT compound parabolic concentrator collectors	Singh D.B., Yadav R.K., Chaturvedi Y., Kumar M., Sharma G.K., Kumar N.	19443994	Desalination and Water Treatment	231		0	6	3	0	9	0	9
2021	Performance of evacuated tube solar collector integrated solar desalination unit — a review	Kumar R., Singh D.B., Dewangan A., Singh V.K., Kumar N.	19443994	Desalination and Water Treatment	230		0	3	5	0	8	0	8
2021	COVID-19: PERVASIVENESS OF COMORBIDITIES WITH EMPHASIS ON CANCER, PATHOGENESIS AND PALLIATIVE CARE MEASURES	Dhaundiyal S., Anand J., Rai N.	13385178	Journal of Microbiology, Biotechnology and Food Sciences	11	1	0	0	4	0	4	0	4
2021	Distribution-Free CUSUM-Type Control Charts for Monitoring Industrial Processes: An Overview	Triantafyllou I.S., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	4	0	0	2	0	2	0	2

2021	Optimal Sizing and Control of Solar PV-PEMFC Hybrid Power	Das V., Karuppanan P., Singh A.K., Thakur P.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	4	0	0	1	1	2	0	2
2021	Food irradiation: Effect of ionizing and non-ionizing radiations on preservation of fruits and vegetables– a review	Bisht B., Bhatnagar P., Gururani P., Kumar V., Tomar M.S., Sinhmar R., Rathi N., Kumar S.	9242244	Trends in Food Science and Technology	114		3	25	39	6	70	0	73
2021	Modeling and analysis of high-performance triple hole block layer organic led based light sensor for detection of ovarian cancer	Negi S., Mittal P., Kumar B.	15498328	IEEE Transactions on Circuits and Systems I: Regular Papers	68	8	0	6	15	0	21	0	21
2021	A new wavelet-based multi-focus image fusion technique using method noise and anisotropic diffusion for real-time surveillance application	Singh P., Diwakar M., Cheng X., Shankar A.	18618200	Journal of Real-Time Image Processing	18	4	2	9	14	0	23	0	25
2021	Micro-pollutant Pb(II) mitigation and lipid induction in oleaginous microalgae Chlorella sorokiniana UUIND6	Nanda M., Jaiswal K.K., Kumar V., Vlaskin M.S., Gautam P., Bahuguna V., Chauhan P.K.	23521864	Environmental Technology and Innovation	23		1	10	8	2	20	0	21
2021	Effect of catalyst and temperature on the quality and productivity of HTL bio-oil from microalgae: A review	Sharma N., Jaiswal K.K., Kumar V., Vlaskin M.S., Nanda M., Rautela I., Tomar M.S., Ahmad W.	9601481	Renewable Energy	174		1	19	24	1	44	0	45
2021	Deep Graph-Long Short-Term Memory: A Deep Learning Based Approach for Text Classification	Mittal V., Gangodkar D., Pant B.	9296212	Wireless Personal Communications	119	3	1	4	7	1	12	0	13
2021	Artificial intelligence-based novel scheme for location area planning in cellular networks	Vimal V., Singh T., Qamar S., Nautiyal B., Udham Singh K., Kumar A.	8247935	Computational Intelligence	37	3	4	2	2	0	4	0	8
2021	Medicinal plants of Himalayan forests	Painuli S., Semwal P., Cruz-Martins N., Bachheti R.K.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	4	2	0	6	0	6
2021	Potential role of forest-based plants in essential oil production: An approach to cosmetic and personal health care applications	Abate L., Bachheti A., Bachheti R.K., Husen A., Getachew M., Pandey D.P.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			1	4	1	0	5	0	6
2021	Role of traditional chewing sticks in oral hygiene and other benefits	Beshah F., Hunde Y., Getachew M., Bachheti R.K., Husen A., Bachheti A.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	0	0	0	0	0	0
2021	Preface	Husen A., Bachheti R.K., Bachheti A.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	0	11	0	11	0	11
2021	Food, fodder and fuelwoods from forest	Gupta S., Verma D., Tufchi N., Kamboj A., Bachheti A., Bachheti R.K., Husen A.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	0	1	0	1	0	1
2021	Non-Timber Forest Products: Food, Healthcare and Industrial Applications	Husen A., Bachheti R.K., Bachheti A.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	0	1	0	1	0	1
2021	Forest-based medicinal plants for cancer cure	Rana A., Anand J., Tyagi M., Rai N.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	0	2	0	2	0	2
2021	Forest-based edible seeds and nuts for health care and disease control	Godeto Y.G., Bachheti A., Husen A., Pandey D.P., Bachheti R.K.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	1	1	0	2	0	2
2021	Forest-based plants in beautification and their medicinal significance	Pant M., Thakur P.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	0	0	0	0	0	0
2021	Health-promoting benefits, value-added products, and other uses of Banana	Mengstu A., Bachheti A., Abate L., Bachheti R.K., Husen A.		Non-Timber Forest Products: Food, Healthcare and Industrial Applications			0	2	3	0	5	0	5
2021	Distributed denial of service attacks: Concepts, mathematical and cryptographic solutions	Singh R., Ram M.		Distributed Denial of Service Attacks: Concepts, Mathematical and Cryptographic Solutions			0	0	0	0	0	0	0
2021	Preface	Singh R., Ram M.		Distributed Denial of Service Attacks: Concepts, Mathematical and Cryptographic Solutions			0	0	0	0	0	0	0
2021	Therapeutic Potential of Neoechinulins and Their Derivatives: An Overview of the Molecular Mechanisms Behind Pharmacological Activities	Sharifi-Rad J., Bahukhandi A., Dhyani P., Sati P., Capanoglu E., Docea A.O., Al-Harrasi A., Dey A., Calina D.	2296861X	Frontiers in Nutrition	8		4	15	8	0	23	0	27
2021	Body Sensor Network Architectures in Healthcare Internet-of-Things (HIoT): A Survey	Pandey C., Sharma S., Matta P.		Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			0	3	6	0	9	0	9
2021	Big Data Driven E-Commerce Application Management System	Painuly S., Sharma S., Matta P.		Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1	1	3	0	4	0	5
2021	IoT Based Weapons Detection System for Surveillance and Security Using YOLOV4	Singh A., Anand T., Sharma S., Singh P.		Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1	4	12	1	17	0	18
2021	Image Descriptor Generator Using Encoder-Decoder Model	Biswas S., Sharma S.		Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			1	3	1	0	4	0	5
2021	Crop Growth Monitoring Using Unmanned Aerial Vehicle for Farm Field Management	Juyal P., Sharma S.		Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			2	5	4	0	9	0	11
2021	K-Means and Competitive Neural Network Based Clustering of Climate Data	Sunori S.K., Maurya S., Mittal A., Patni K., Arora S., Juneja P.		Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			0	2	0	0	2	0	2

2021	Skin disease classification using dermoscopy images through deep feature learning models and machine learning classifiers	Gupta S., Panwar A., Mishra K.		EUROCON 2021 - 19th IEEE International Conference on Smart Technologies, Proceedings			6	11	8	0	19	0	25
2021	Genetic evaluation of surti buffalo on the basis of reproduction traits by all repeatability univariate models of wombat	Vyas P., Pannu U., Gaur M., Joshi P.	1256726	Buffalo Bulletin	40	3	0	0	0	0	0	0	0
2021	Volume 28(2021), number 3, 99-110 generalized approximate starshaped convex functions and variational inequalities	Joshi B.C.	1074133X	Communications on Applied Nonlinear Analysis	28	3	0	0	0	0	0	0	0
2021	The coronavirus disease 2019 (Covid-19): Key emphasis on melatonin safety and therapeutic efficacy	Ramos E., Lopez-Munoz F., Gil-Martin E., Egea J., Alvarez-Merz I., Painuli S., Semwal P., Martins N., Hernandez-Guijo J.M., Romero A.	20763921	Antioxidants	10	7	2	13	4	0	17	0	19
2021	FEHCA: A fault-tolerant energy-efficient hierarchical clustering algorithm for wireless sensor networks	Choudhary A., Kumar S., Gupta S., Gong M., Mahanti A.	19961073	Energies	14	13	1	5	5	0	10	0	11
2021	20 nm GAA-GaN/Al2O3 nanowire MOSFET for improved analog/linearity performance metrics and suppressed distortion	Gupta N., Jain A., Kumar A.	9478396	Applied Physics A: Materials Science and Processing	127	7	0	4	4	3	11	0	11
2021	Multi-modal medical image fusion framework using co-occurrence filter and local extrema in NSST domain	Diwakar M., Singh P., Shankar A.	17468094	Biomedical Signal Processing and Control	68		0	7	16	3	26	0	26
2021	Framework for Real-Time Detection and Identification of possible patients of COVID-19 at public places	Peddinti B., Shaikh A., Bhavya K.R., Nithin Kumar K.C.	17468094	Biomedical Signal Processing and Control	68		1	4	3	0	7	0	8
2021	Agro-based micropore-structured ionic polymer sensor with enhanced ionic conduction and flexibility	Panwar V., Mohanty S., Anoop G.	9244247	Sensors and Actuators, A: Physical	325		1	4	3	0	7	0	8
2021	Experimental analysis of tribological properties of polyisobutylene thickened oil in lubricated contacts	Patil P.P., Gori Y., Kumar A., Tyagi M.R.	0301679X	Tribology International	159		0	2	7	0	9	0	9
2021	Brucea Javanica: A novel nonedible feedstock for bio-based lubricant application with the effect of ZrO2 nanoparticles	Singh Y., Singh N.K., Sharma A., Lila M.K., Singla A., Chinnasamy V.	19447442	Environmental Progress and Sustainable Energy	40	4	0	1	1	0	2	0	2
2021	Application of Taguchi and response surface methodology approach to a sustainable model developed for a compression-ignition engine using polanga biodiesel/diesel blends	Sharma A., Singh Y., Tyagi A., Singh N.K., Singla A.	9596518	Proceedings of the Institution of Mechanical Engineers. Part I: Journal of Systems and Control Engineering	235	6	0	1	2	0	3	0	3
2021	Developing Soft Computing based Models for Prediction of Pollutant PM10 of Air	Sunori S.K., Negi P.B., Maurya S., Mittal A., Bisht N., Juneja P.		Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			3	1	0	0	1	0	4
2021	Comparative Study of Emerging Internet-of-Things in Traffic Management System	Agarwal P., Matta P., Sharma S.		Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			2	1	1	0	2	0	4
2021	Rainfall Prediction using Subtractive Clustering and Levenberg-Marquardt Algorithms	Sunori S.K., Mittal A., Maurya S., Negi P.B., Arora S., Joshi K.A., Juneja P.		Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			3	1	1	0	2	0	5
2021	Deep Learning Methods for Object Detection in Autonomous Vehicles	Juyal A., Sharma S., Matta P.		Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021			3	5	3	0	8	0	11
2021	Analyzing barriers of circular food supply chains and proposing industry 4.0 solutions	Ada N., Kazancoglu Y., Sezer M.D., Ede-Senturk C., Ozer I., Ram M.	20711050	Sustainability (Switzerland)	13	12	2	15	38	7	60	0	62
2021	Analysis of network reliability characteristics and importance of components in a communication network	Bisht S., Kumar A., Goyal N., Ram M., Klochkov Y.	22277390	Mathematics	9	12	2	2	9	0	11	0	13
2021	Comparative antimicrobial activity and antioxidant profiling of euphorbia hirta, euphorbia milli and euphorbia pulcherrima	Sundriyal S., Shrishti, Dheer P., Thapliyal P., Arora A., Sharma A., Sinha V.B., Sharma M.D., Rautela I.	9719660	Annals of Agri Bio Research	26	1	0	1	0	0	1	0	1
2021	SPCS-IoTEH: Secure Privacy-Preserving Communication Scheme for IoT-Enabled e-Health Applications	Garg N., Obaidat M.S., Wazid M., Das A.K., Singh D.P.	15503607	IEEE International Conference on Communications			0	2	7	0	9	0	9
2021	Exploration its antioxidant and immunogenic potential of protein: Calendula officinalis and dianthus chinensis	Tripathi A., Tyagi S., Singh G., Ghosh K., Gupta A.	9743618	Research Journal of Pharmacy and Technology	14	6	0	0	2	0	2	0	2
2021	Comprehensive studies on dielectric properties of p-methoxy benzylidene p-decyl aniline with function of temperature and frequency in planar geometry: A potential nematic liquid crystal for display devices	Tripathi P.K., Vikram K., Tiwari M., Shriram A.	16741056	Chinese Physics B	30	6	0	1	0	0	1	0	1
2021	Refractance WindowTM-Drying vs. other drying methods and effect of different process parameters on quality of foods: A comprehensive review of trends and technological developments	Mahanti N.K., Chakraborty S.K., Sudhakar A., Verma D.K., Shankar S., Thakur M., Singh S., Tripathy S., Gupta A.K., Srivastav P.P.	26668335	Future Foods	3		2	5	13	0	18	0	20
2021	Effect of different lubricating environment on the tribological performance of cnt filled glass reinforced polymer composite	Agrawal S., Singh N.K., Upadhyay R.K., Singh G., Singh Y., Singh S., Pruncu C.I.	19961944	Materials	14	11	0	1	2	0	3	0	3
2021	Dense Vector Embedding Based Approach to Identify Prominent Disseminators from Twitter Data Amid COVID-19 Outbreak	Agarwal A., Uniyal D., Toshniwal D., Deb D.	2471285X	IEEE Transactions on Emerging Topics in Computational Intelligence	5	3	1	1	1	0	2	0	3
2021	Modeling Multi-Plant Capacitated Lot Sizing Problem with Interplant Transfer	Patil A., Badhotiya G.K., Nepal B., Soni G.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	3	0	0	0	0	0	0	0
2021	Nonparametric EWMA-Type Control Charts for Monitoring Industrial Processes: An Overview	Triantafyllou I.S., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	3	0	2	1	0	3	0	3
2021	Production of a sustainable fuel from microalgae Chlorella minutissima grown in a 1500 L open raceway ponds	Sharma A.K., Sharma A., Singh Y., Chen W.-H.	9619534	Biomass and Bioenergy	149		2	11	15	3	29	0	31

2021	Optimal system, symmetry reductions and group-invariant solutions of (2+1)-dimensional ZK-BBM equation	Tanwar D.V.	318949	Physica Scripta	96	6	2	7	4	1	12	0	14
2021	Heat and Mass Transfer Assessment of Magnetic Hybrid Nanofluid Flow via Bidirectional Porous Surface with Volumetric Heat Generation	Joshi N., Upreti H., Pandey A.K., Kumar M.	23495103	International Journal of Applied and Computational Mathematics	7	3	3	21	22	2	45	0	48
2021	Numerical solution of micropolar fluid flow via stretchable surface with chemical reaction and melting heat transfer using Keller-Box method	Singh K., Pandey A.K., Kumar M.	2212540X	Propulsion and Power Research	10	2	7	33	30	7	70	0	77
2021	Dioscorea deltoidea wall. Ex Griseb: A review of traditional uses, bioactive compounds and biological activities	Semwal P., Painuli S., Cruz-Martins N.	22124292	Food Bioscience	41		1	5	5	0	10	0	11
2021	Tribological Characteristics of TiO2 Nanoparticles as an Additive to the Chemically Modified Nicotiana Tabacum	Singh Y., Singh N.K., Sharma A., Chinnasamy V., Bhan U.	21984220	Journal of Bio- and Tribo-Corrosion	7	2	0	1	1	0	2	0	2
2021	A review of the composition and toxicology of fructans, and their applications in foods and health	Verma D.K., Patel A.R., Thakur M., Singh S., Tripathy S., Srivastav P.P., Chavez-Gonzalez M.L., Gupta A.K., Aguilar C.N.	8891575	Journal of Food Composition and Analysis	99		1	8	8	1	17	0	18
2021	DSP Based Sliding Mode Control for Photovoltaic System	Bhat S., Nagaraja H.N., Thakur P.	9296212	Wireless Personal Communications	118	4	1	1	1	0	2	0	3
2021	Micro and Nano-Crystalline Diamond Coatings of Co-cemented Tungsten Carbide Tools with Their Characterization	Singla A., Singh N.K., Singh Y., Jangir D.K.	21984220	Journal of Bio- and Tribo-Corrosion	7	2	0	3	1	0	4	0	4
2021	Mixed convection flow of magnetic hybrid nanofluid over a bidirectional porous surface with internal heat generation and a higher-order chemical reaction	Joshi N., Pandey A.K., Upreti H., Kumar M.	26884534	Heat Transfer	50	4	1	28	25	2	55	0	56
2021	Solution of parabolic PDEs by modified quintic B-spline Crank-Nicolson collocation method	Tamsir M., Dhiman N., Chauhan A., Chauhan A.	20904479	Ain Shams Engineering Journal	12	2	1	1	1	0	2	0	3
2021	Use of Root Microbiome in Conservation of Himalayan Yew (Taxus wallichiana Zucc.): An Ecofriendly Approach	Pandey A., Adhikari P., Dhyani A., Palni L.M.S.	0250541X	National Academy Science Letters	44	3	0	0	0	0	0	0	0
2021	AI for COVID-19: The journey so far	Sharma A., Jain A., Ram M.		Use of AI, Robotics, and Modern Tools to Fight Covid-19			0	1	0	0	1	0	1
2021	Use of AI, Robotics, and Modern Tools to Fight Covid-19	Jain A., Sharma A., Wang J., Ram M.		Use of AI, Robotics, and Modern Tools to Fight Covid-19			1	0	0	0	0	0	1
2021	Preface	Jain A., Sharma A., Wang J., Ram M.		Use of AI, Robotics, and Modern Tools to Fight Covid-19			1	2	3	0	5	0	6
2021	Nanomaterials based biofuel cells: A review	Mishra A., Bhatt R., Bajpai J., Bajpai A.K.	3603199	International Journal of Hydrogen Energy	46	36	2	13	13	3	29	0	31
2021	Systems Reliability Engineering: Modeling and Performance Improvement	Kumar A., Ram M.		Systems Reliability Engineering: Modeling and Performance Improvement			0	1	0	0	1	0	1
2021	Preface	Kumar A., Ram M.		Systems Reliability Engineering: Modeling and Performance Improvement			0	0	0	0	0	0	0
2021	A Comparison among Distinct Deep Learning Techniques for Real-Time Testing of Covid-19 Infected Patient using Chest Radiography	Gupta S., Panwar A., Rawat D.		ICSCCC 2021 - International Conference on Secure Cyber Computing and Communications			5	9	2	0	11	0	16
2021	Encapsulated Food Products as a Strategy to Strengthen Immunity Against COVID-19	Tripathy S., Verma D.K., Thakur M., Patel A.R., Srivastav P.P., Singh S., Chavez-Gonzalez M.L., Aguilar C.N.	2296861X	Frontiers in Nutrition	8		2	5	7	1	13	0	15
2021	Future aspect of 5G-IoT architecture in smart healthcare system	Gupta N., Juneja P.K., Sharma S., Garg U.		Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			3	6	7	0	13	0	16
2021	Secured scheduling techniques of network resource management in vehicular communication networks	Agarwal V., Sharma S., Bansal G.		Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021			3	5	1	0	6	0	9
2021	Object Detection using Deep Learning: A Review	Anushka, Arya C., Tripathi A., Singh P., Diwakar M., Sharma K., Pandey H.	17426588	Journal of Physics: Conference Series	1854	1	2	7	5	1	13	0	15
2021	A multi-level method noise based image denoising using convolution neural network	Chakraborty A., Jindal M., Bajal E., Singh P., Diwakar M., Arya C., Tripathi A.	17426588	Journal of Physics: Conference Series	1854	1	0	2	2	0	4	0	4
2021	A Review Analysis on Face Recognition System with User Interface System	Tripathi A., Sharma R., Memoria M., Joshi K., Diwakar M., Singh P.	17426588	Journal of Physics: Conference Series	1854	1	0	5	3	0	8	0	8
2021	Image Captioning using Artificial Intelligence	Singh Y.P., Ezaz Ahmed S.A.L., Singh P., Kumar N., Diwakar M.	17426588	Journal of Physics: Conference Series	1854	1	0	1	3	0	4	0	4
2021	A Review on Autonomous Remote Security and Mobile Surveillance Using Internet of Things	Diwakar M., Sharma K., Dhaundiyal R., Bawane S., Joshi K., Singh P.	17426588	Journal of Physics: Conference Series	1854	1	0	7	6	0	13	0	13
2021	In vitro evaluation of antimicrobial activity and measuring its antigenic specific immune response in mice model studies: Allium cepa	Gupta A., Ghosh K., Sharma D.S., Tyagi S.	9743618	Research Journal of Pharmacy and Technology	14	5	0	0	2	0	2	0	2
2021	Designing Secure User Authentication Protocol for Big Data Collection in IoT-Based Intelligent Transportation System	Srinivas J., Das A.K., Wazid M., Vasilakos A.V.	23274662	IEEE Internet of Things Journal	8	9	7	25	23	1	49	0	56
2021	Microalgae with a truncated light-harvesting antenna to maximize photosynthetic efficiency and biomass productivity: Recent advances and current challenges	Kumar V., Sharma N., Jaiswal K.K., Vlaskin M.S., Nanda M., Tripathi M.K., Kumar S.	13595113	Process Biochemistry	104		5	16	22	2	40	0	45
2021	A blockchain based secure communication framework for community interaction	Sharma R., Wazid M., Gope P.	22142134	Journal of Information Security and Applications	58		0	1	3	0	4	0	4
2021	Biodiesel yield and properties optimization from Kusum oil by RSM	Singh Pali H., Sharma A., Kumar N., Singh Y.	162361	Fuel	291		3	10	25	1	36	0	39
2021	Neighborhood and center difference-based-LBP for face recognition	Karanwal S., Diwakar M.	14337541	Pattern Analysis and Applications	24	2	2	13	12	3	28	0	30
2021	The transition from linear economy to circular economy for sustainability among SMEs: A study on prospects, impediments, and prerequisites	Sharma N.K., Govindan K., Lai K.K., Chen W.K., Kumar V.	9644733	Business Strategy and the Environment	30	4	7	23	51	2	76	0	83

2021	Astragalus species: Insights on its chemical composition toward pharmacological applications	Salehi B., Carneiro J.N.P., Rocha J.E., Coutinho H.D.M., Morais Braga M.F.B., Sharifi-Rad J., Semwal P., Painuli S., Moujir L.M., de Zarate Machado V., Janakiram S., Anil Kumar N.V., Martorell M., Cruz-Martins N., El Beyrouthy M., Sadaka C.	0951418X	Phytotherapy Research	35	5	4	8	18	1	27	0	31
2021	Enhanced visible green and 1.5 µm radiative emission of Er3+ ions in Li2O-PbO-Al2O3-B2O3 glasses for photonic applications	Deopa N., Sahu M.K., Kaur S., Prasad A., Swapna K., Kumar V., Punia R., Rao A.S.	10020721	Journal of Rare Earths	39	5	3	3	5	0	8	0	11
2021	Analytical Review of Data Security in Cloud Computing	Joshi M., Budhani S., Tewari N., Prakash S.		Proceedings of 2021 2nd International Conference on Intelligent Engineering and Management, ICIEM 2021			1	3	5	2	10	0	11
2021	DME: An Efficient Encryption Technique for Body Sensor Network in Healthcare Internet of Things (HIoT)	Pandey C., Sharma S., Matta P.		Proceedings of 2021 2nd International Conference on Intelligent Engineering and Management, ICIEM 2021			2	3	1	0	4	0	6
2021	Study of Wearable IoT devices in 2021: Analysis Future Prospects	Bisht R.S., Jain S., Tewari N.		Proceedings of 2021 2nd International Conference on Intelligent Engineering and Management, ICIEM 2021			0	5	9	0	14	0	14
2021	Security Challenges, Applications and Vehicular Authentication Methods in VANET for Smart Traffic Management	Kohli P., Sharma S., Matta P.		Proceedings of 2021 2nd International Conference on Intelligent Engineering and Management, ICIEM 2021			1	7	2	0	9	0	10
2021	Privacy Techniques for Body Sensor Network in Healthcare Internet of Things (HIoT) - A Critical Survey	Pandey C., Sharma S., Matta P.		Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021			4	2	5	0	7	0	11
2021	Future Trends and Challenges in Next Generation Smart Application of 5G-IoT	Painuly S., Sharma S., Matta P.		Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021			5	9	11	1	21	0	26
2021	IoT based Automated Health Care Monitoring System for Smart City	Gera S., Mridul M., Sharma S.		Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021			3	11	5	2	18	0	21
2021	Improving the Paper Mill Head Box Consistency Control using Neuro-Fuzzy Technique	Kumar Sunori S., Singh Bhakuni A., Maurya S., Mittal A., Juneja P.		Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021			1	2	0	0	2	0	3
2021	Medicinal plants and their pharmaceutical properties under adverse environmental conditions	Bachheti A., Deepti, Bachheti R.K., Husen A.		Harsh Environment and Plant Resilience: Molecular and Functional Aspects			0	2	6	0	8	0	8
2021	Reliability measures and profit exploration of windmill water-pumping systems incorporating warranty and two types of repair	Goyal N., Ram M., Kumar A., Bisht S., Klochkov Y.	22277390	Mathematics	9	8	1	2	2	0	4	0	5
2021	Sensitivity analysis of N undistinguishable photovoltaic thermal compound-parabolic-concentrator collectors (partly covered, 50%) integrated single-slope solar distiller unit	Singh D.B., Bansal G., Prasad H., Mallick A., Kumar N., Sharma S.K.	1996231	Journal of Solar Energy Engineering, Transactions of the ASME	143	2	0	3	3	0	6	0	6
2021	Evaluation of environment friendly micro-ionized litchi leaves powder (LLP) as a fluid loss control agent in water-based drilling fluid	Prakash V., Sharma N., Bhattacharya M., Raina A., Gusain M.M., Sharma K.	21900558	Journal of Petroleum Exploration and Production	11	4	0	1	4	1	6	0	6
2021	Effect of job fulfillment over employee performance execution at the workplace: A study based on identifying the significance of demographical characteristics	Pandey T., Chauhan A.S.	19479638	International Journal of Asian Business and Information Management	12	2	0	1	0	0	1	0	1
2021	Physical, structural and optical characterization of Dy3+ doped ZnF2-WO2-B2O3-TeO2 glasses for opto-communication applications	Sanju, Ravina, Anu, Kumar A., Kumar V., Sahu M.K., Dahiya S., Deopa N., Punia R., Rao A.S.	9253467	Optical Materials	114		1	7	3	1	11	0	12
2021	SVM Model to Predict the Water Quality Based on Physicochemical Parameters	Koranga M., Pant P., Pant D., Bhatt A.K., Pant R.P., Ram M., Kumar T.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	2	0	3	3	0	6	0	6
2021	A Global Supply Network Design Model: A Resilient Management Approach	Das K., Annand A., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	2	0	3	4	0	7	0	7
2021	Machine learning classifier approach with gaussian process, ensemble boosted trees, svm, and linear regression for 5g signal coverage mapping	Gupta A., Ghanshala K., Joshi R.C.	19891660	International Journal of Interactive Multimedia and Artificial Intelligence	6	6	1	3	7	0	10	0	11
2021	Classification of Indian Dance Forms using Pre-Trained Model-VGG	Biswas S., Ghildiyal A., Sharma S.		2021 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2021			5	1	1	1	3	0	8
2021	Locating people in Real-World for Assisting Crowd Behaviour Analysis Using SSD and Deep SORT Algorithm	Juyal P., Sharma S.		2021 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2021			6	2	2	0	4	0	10
2021	Security of Cloud-Based Vehicular Ad-Hoc Communication Networks, Challenges and Solutions	Kohli P., Sharma S., Matta P.		2021 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2021			4	4	2	0	6	0	10
2021	Study of molecular radii of pseudobinary liquid mixtures by ultrasonic velocity and density	Sharma A.K., Dhiman T.K., Sharma K.	1677322	Journal of Molecular Liquids	326		0	1	1	0	2	0	2
2021	Studies on subalpine forests of Hamta Pass area in Himachal Pradesh, India with a focus on Betula utilis populations	Dasila K., Samant S.S., Pandey A.	113891	Current Science	120	5	2	1	0	0	1	0	3

2021	Role of diaminonaphthalene based polymers as sensors in detection of biomolecules: A review	Bhatt R., Mishra A., Bajpai A.K.	2590048X	Results in Materials	9		1	3	3	0	6	0	7
2021	Electric discharge drilling with gas-assisted multi-hole slotted tool	Singh N.K., Upadhyay R.K., Singh Y., Sharma A.	10263098	Scientia Iranica	28	2	0	1	0	0	1	0	1
2021	A survey on coronavirus vaccination	Kumar V., Gupta S., Kalra J., Agarwal S.	22312196	International Journal of Current Research and Review	13	6	0	0	0	0	0	0	0
2021	An overview of immunological response, anti-viral therapy and vaccine development against severe acute respiratory syndrome coronavirus (Sars-cov)-2	Shah A.A., Rashmi K., Kumar V., Kumar N., Gupta A.	22312196	International Journal of Current Research and Review	13	6	0	0	1	0	1	0	1
2021	Computational guided approach for drug repurposing against SARS-CoV-2	Anand J., Ghildiyal T., Madhwal A., Bhatt R., Verma D., Rai N.	17460794	Future Virology	16	3	0	2	0	0	2	0	2
2021	A comparative study of 14 state of art descriptors for face recognition	Karanwal S.	13807501	Multimedia Tools and Applications	80	8	2	14	6	0	20	0	22
2021	OD-LBP: Orthogonal difference-local binary pattern for Face Recognition	Karanwal S., Diwakar M.	10512004	Digital Signal Processing: A Review Journal	110		7	20	25	1	46	0	53
2021	Effect of SiO2 Nanoparticles on the Tribological Behavior of Balanites Aegytiaca (Desert date) Oil-Based Biolubricant	Singh Y., Singh N.K., Sharma A.	21984220	Journal of Bio- and Tribo-Corrosion	7	1	2	1	4	1	6	0	8
2021	Security Perspectives of Various IoT Cloud Platforms: A Review Case Study	Mishra P., Kumar S., Garg U., Pilli E.S., Joshi R.C.		Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2021			0	1	2	0	3	0	3
2021	Calibrating Intermediate COCOMO Model Using Genetic Algorithm	Verma A., Preeti		Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2021			0	2	1	0	3	0	3
2021	Trigger Based Authentication: A Naive Approach for Attendance Monitoring	Matta P., Rana A., Arora K.		Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2021			0	1	0	0	1	0	1
2021	Experimental and theoretical study of magnetization and magnetocaloric effect in Nd1-xSmxFeO3	Rajput S., B. P., Singh A., Anas M., Malik V.K., Maitra T.	218979	Journal of Applied Physics	129	6	0	0	0	0	0	0	0
2021	Putranjiva roxburghii: A novel feedstock as a bio-based lubricant with Mos2 nanoparticles effect and tribological analysis	Singh Y., Singh N.K.		Properties and Uses of Vegetable Oils			0	0	0	0	0	0	0
2021	Properties and uses of vegetable oils	Singh Y., Singh N.K.		Properties and Uses of Vegetable Oils			0	0	0	0	0	0	0
2021	Experimental investigations on influence of preheating the jatropha based straight vegetable oil through exhaust gas framework on an IDI CI engine	Ranjit P.S., Chintala V., Babu A.V., Singh Y.		Properties and Uses of Vegetable Oils			0	0	0	0	0	0	0
2021	Magnetocaloric and heat capacity studies on NdFe0.5Mn0.5O3	Singh A., Balasubramanian P., Anas M., Kumar R., Babu P.D., Kumar C.M.N., Tabis W., Malik V.K.	218979	Journal of Applied Physics	129	5	0	1	3	0	4	0	4
2021	Development of C++ program for digital synchronous counter design	Sunori S.K., Joshi M., Pant H., Agarwal P., Bisht N., Maurya S., Juneja P.K.		Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021			0	0	1	0	1	0	1
2021	Design of softcomputing based controllers for crushing mill process of sugar factory	Sunori S.K., Maurya S., Pant M., Bisht R.S., Juneja P.K.		Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021			0	2	0	0	2	0	2
2021	Street cleanliness monitoring system using deep learning	Ghildiyal A., Sharma S., Kumar A., Apoorv		Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021			6	0	4	0	4	0	10
2021	Guest Editorial	Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	1	0	0	0	0	0	0	0
2021	Multi-product economic inventory policy with time varying power demand, shortages and complete backordering	Kumar S., Kumar M., Sahni M.	23319712	Universal Journal of Accounting and Finance	9	1	0	0	0	0	0	0	0
2021	Application of a novel image moment computation in X-ray and MRI image watermarking	Singh M.K., Kumar S., Ali M., Saini D.	17519659	IET Image Processing	15	3	3	2	3	0	5	0	8
2021	Approximation of caputo time-fractional diffusion equation using redefined cubic exponential b-spline collocation technique	Tamsir M., Dhiman N., Nigam D., Chauhan A.	24736988	AIMS Mathematics	6	4	2	2	3	3	8	0	10
2021	On the Design of Mutual Authentication and Key Agreement Protocol in Internet of Vehicles-Enabled Intelligent Transportation System	Bagga P., Das A.K., Wazid M., Rodrigues J.J.P.C., Choo K.-K.R., Park Y.	189545	IEEE Transactions on Vehicular Technology	70	2	7	23	22	4	49	0	56
2021	µBIGMSA-Microservice-Based Model for Big Data Knowledge Discovery: Thinking Beyond the Monoliths	Singh N., Singh D.P., Pant B., Tiwari U.K.	9296212	Wireless Personal Communications	116	4	1	5	4	0	9	0	10
2021	Effect of ZnO nanoparticles concentration as additives to the epoxidized Euphorbia Lathyris oil and their tribological characterization	Singh Y., Kumar Singh N., Sharma A., Singla A., Singh D., Abd Rahim E.	162361	Fuel	285		16	16	19	1	36	0	52
2021	Signature of bridge structure using universal generating function	Kumar A., Tyagi S., Ram M.	9756809	International Journal of System Assurance Engineering and Management	12	1	3	2	2	0	4	0	7
2021	GWO: a review and applications	Negi G., Kumar A., Pant S., Ram M.	9756809	International Journal of System Assurance Engineering and Management	12	1	12	15	15	2	32	0	44
2021	A novel approach for multimodality medical image fusion over secure environment	Kumar P., Diwakar M.	21615748	Transactions on Emerging Telecommunications Technologies	32	2	2	7	6	0	13	0	15

2021	Feature selection and analysis in air quality data	Mahajan M., Kumar S., Pant B., Tiwari U.K., Khan R.		Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering			1	1	0	0	1	0	2
2021	Comparative analysis of supervised models for diamond price prediction	Sharma G., Tripathi V., Mahajan M., Srivastava A.K.		Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering			2	4	5	0	9	0	11
2021	MRT retinal image segmentation using integrated approach of fuzzy c-means clustering, and active contouring	Chauhan R., Kaur N., Tiwari C.		Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering			0	1	0	0	1	0	1
2021	Regression analysis and future forecasting of COVID-19 using machine learnings algorithm	Gera S., Mridul, Joshi K.		Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering			1	2	1	0	3	0	4
2021	Paper Mill Headbox Consistency Control System Design with Deadtime Compensation	Sunori S.K., Bhakuni A.S., Maurya S., Bisht N., Juneja P.		Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			1	3	2	0	5	0	6
2021	Performance Analysis of Full Adder based on Domino Logic Technique	Kukreti K., Kumar P., Barthwal S., Juyal A., Joshi A.		Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021			0	1	1	0	2	0	2
2021	Big Data: Big data analysis, issues and challenges and technologies	Rawat R., Yadav R.	17578981	IOP Conference Series: Materials Science and Engineering	1022	1	2	6	13	1	20	0	22
2021	A review on control system applications in industrial processes	Juneja P.K., Sunori S.K., Sharma A., Sharma A., Pathak H., Joshi V., Bhasin P.	17578981	IOP Conference Series: Materials Science and Engineering	1022	1	4	2	3	0	5	0	9
2021	Flexible piezoresistive strain sensor based on optimized elastomer-electronic polymer blend	Panwar V., Anoop G.	2632241	Measurement: Journal of the International Measurement Confederation	168		5	5	5	0	10	0	15
2021	Sustainable solid waste management via biological treatment: A critical study	Nayak A., Bhushan B.		Handbook of Research on Waste Diversion and Minimization Technologies for the Industrial Sector			0	0	0	0	0	0	0
2021	Different materials, structures and parameters for organic thin film transistors	Gupta S., Mittal P., Juneja P.	17426588	Journal of Physics: Conference Series	1714	1	0	2	1	0	3	0	3
2021	Modeling power gan-hemts using standard mosfet equations and parameters in spice	Jadli U., Mohd-Yasin F., Moghadam H.A., Pande P., Chaturvedi M., Dimitrijev S.	20799292	Electronics (Switzerland)	10	2	2	5	4	0	9	0	11
2021	Ecotoxicology: Methods and Risks	Singla A., Sankar K.M., Singh Y.		Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications: Volumes 1-4	4		0	0	0	0	0	0	0
2021	Sustainable Solid Waste Management in India: Practices, Challenges and the Way Forward	Sharma H.R., Bhardwaj B., Sharma B., Kaushik C.P.		Climate Resilience and Environmental Sustainability Approaches: Global Lessons and Local Challenges			0	0	0	0	0	0	0
2021	Selenium Distribution and Chemistry in Water and Soil	Sharma S., Sharma A.K.		Selenium Contamination in Water			0	0	1	0	1	0	1
2021	Field Application of the Microbial Technology and Its Importance in Sustainable Development	Kunwar S., Bhatt S., Pandey D., Pandey N.		Microbial Technology for Sustainable Environment			0	1	0	0	1	0	1
2021	Microbial World for Sustainable Development	Sharma S., Singh Rawal R., Pandey D., Pandey N.		Microbial Technology for Sustainable Environment			0	1	0	0	1	0	1
2021	Bio-inoculants for Biodegradation and Bioconversion of Agrowaste: Status and Prospects	Kumar V., Mitra D., Rani A., Suyal D.C., Singh Gautam B.P., Jain L., Gondwal M., Raj K.K., Singh A.K., Soni R.		Bioremediation of Environmental Pollutants: Emerging Trends and Strategies			0	0	1	0	1	0	1
2021	Microbial fuel cell technology for bio-electrochemical conversion of waste to energy	Nayak A., Bhushan B.		Advanced Technology for the Conversion of Waste into Fuels and Chemicals: Volume 1: Biological Processes			0	0	0	0	0	0	0
2021	Cloud Security: Attacks, Techniques, Tools, and Challenges	Mishra P., Pilli E.S., Joshi R.C.		Cloud Security: Attacks, Techniques, Tools, and Challenges			0	0	1	0	1	0	1
2021	Comparative Analysis of NavIC Multipath Amplitude and Phase for Soil Moisture Sensitivity over Different land cover	Shekhar S., Prakash R., Pandey D.K., Vidyarthi A., Putrevu D., Misra A.		2021 IEEE India Geoscience and Remote Sensing Symposium, InGARSS 2021 - Proceedings			0	2	0	0	2	0	2
2021	Sensitivity Analysis of GNSS-IR based Multipath Phase for Soil Moisture over Winter Wheat crop using Navigation with Indian Constellation (NavIC)	Shekhar S., Prakash R., Pandey D.K., Vidyarthi A., Putrevu D., Misra A.		2021 IEEE India Geoscience and Remote Sensing Symposium, InGARSS 2021 - Proceedings			0	2	0	0	2	0	2
2021	Detection of DDoS Attacks using Semi-Supervised based Machine Learning Approaches	Garg U., Kaur M., Kaushik M., Gupta N.		Proceedings - 2021 2nd International Conference on Computational Methods in Science and Technology, ICCMST 2021			0	0	4	0	4	0	4
2021	Secure Image Transmission in Wireless Network Using Conventional Neural Network and DOST	Diwakar M., Kumar P.	21976503	Studies in Big Data	82		0	0	0	0	0	0	0
2021	Wheat Crop Classification based on NDVI using Sentinel Time Series: A Case Study Saharanpur Region	Pargaien S., Prakash R., Dubey V.P.		2021 International Conference on Computing, Communication and Green Engineering, CCGE 2021			0	0	1	1	2	0	2
2021	A prospective utilization of metal oxides for self-cleaning and antireflective coatings	Dogra V., Verma D., Kishore C.		Inorganic Anticorrosive Materials: Past, Present and Future Perspectives			0	0	1	0	1	0	1
2021	Sensitivity of Multipath Peak Frequency of Navigation with Indian Constellation (NavIC) towards Surface Soil Moisture over Bare Land	Shekhar S., Prakash R., Pandey D.K., Vidyarthi A., Tyagi S., Putrevu D., Misra A.		International Geoscience and Remote Sensing Symposium (IGARSS)			0	2	3	0	5	0	5

2021	Intelligent Traffic Monitoring System Based on Internet of Things	Rana S., Garg U., Gupta N.		2021 International Conference on Computational Performance Evaluation, ComPE 2021			0	0	1	0	1	0	1
2021	Symptoms Based Disease Diagnosis and Treatment Recommendation	Agarwal J., Kumar M., Srivastava A.K.		2021 International Conference on Computational Performance Evaluation, ComPE 2021			0	1	1	0	2	0	2
2021	An Efficient Model for Detection and Classification of Internal Eye Diseases using Deep Learning	Gupta R., Tripathi V., Gupta A.		2021 International Conference on Computational Performance Evaluation, ComPE 2021			0	0	4	0	4	0	4
2021	Medical image fusion methods: Review and application in cardiac diagnosis	Chauhan K., Chauhan R.K., Saini A.		Image Processing for Automated Diagnosis of Cardiac Diseases			0	2	3	0	5	0	5
2021	Design and Performance Analysis of Controllers based on Integral Error Criteria for a FOPDT Process Model	Juneja P., Sunori S.K., Sharma A., Sharma A., Maurya S., Mittal A., Belwal N.		2021 International Conference on Computational Performance Evaluation, ComPE 2021			0	0	1	0	1	0	1
2021	Design and Implementation of Fractional Order Controllers Using Nelder-Mead Algorithm	Naithani D., Chaturvedi M., Juneja P.K., Kumar P., Kapoor S.		2021 International Conference on Computational Performance Evaluation, ComPE 2021			0	0	0	0	0	0	0
2021	A Comparative Analysis of Deep Convolution Layered Machine Learning approaches for Detection of Pneumonia from Chest Radiographs	Gupta S., Panwar A., Kapruwan A., Chaube N.		2021 IEEE International Conference on Technology, Research, and Innovation for Betterment of Society, TRIBES 2021			0	6	0	0	6	0	6
2021	Bioinformatics' role in studying microbe-mediated biotic and abiotic stress tolerance	Mitra D., Chaudhary P., Verma D., Khoshru B., Senapati A., Mahakur B., Panneerselvam P., Das Mohapatra P.K., Andelkovic S.		Microbial Management of Plant Stresses: Current Trends, Application and Challenges			0	2	1	0	3	0	3
2021	Advanced Applications of Computational Mathematics	Kumar A., Ram M., Srivastava H.M.		Advanced Applications of Computational Mathematics			0	0	0	0	0	0	0
2021	Real-Time Data Acquisition in Human Physiology: Real-Time Acquisition, Processing, and Interpretation-A MATLAB-Based Approach	Bansal D.		Real-Time Data Acquisition in Human Physiology: Real-Time Acquisition, Processing, and Interpretation-A MATLAB-Based Approach			0	0	1	1	2	0	2
2021	Valorization of coffee wastes for effective recovery of value-added bio-based products: An aim to enhance the sustainability and productivity of the coffee industry	Nayak A., Bhushan B.		Valorization of Agri-Food Wastes and By-Products: Recent Trends, Innovations and Sustainability Challenges			1	0	0	0	0	0	1
2021	Assessment of fuzzy reliability and signature of series-parallel multistate system	Kumar A., Garia M., Ram M., Dimri S.C.		Safety and Reliability Modeling and Its Applications			0	1	1	0	2	0	2
2021	A systematic survey on various energy harvesting systems for WSN applications	Arora S., Nijhawan G., Verma G., Patel R.J.		ICIERA 2021 - 1st International Conference on Industrial Electronics Research and Applications, Proceedings			0	0	0	0	0	0	0
2021	Identification of Diabetic Foot Ulcer in Images using Machine Learning	Mohanty S., Goel S., Nijhawan R., Gupta S.		Proceedings - 2021 19th OITS International Conference on Information Technology, OCIT 2021			0	2	0	0	2	0	2
2021	Classification and Detection of Acne on the Skin using Deep Learning Algorithms	Pancholi N., Goel S., Nijhawan R., Gupta S.		Proceedings - 2021 19th OITS International Conference on Information Technology, OCIT 2021			0	2	0	0	2	0	2
2021	Determining Accuracy Rate of Artificial Intelligence Models using Python and R-Studio	Gupta A., Parmar R., Suri P., Kumar R.		Proceedings - 2021 3rd International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2021			0	14	5	0	19	0	19
2021	Pitfalls of Conventional MPPT Techniques of Solar PV	Charu K., Thakur P., Ansari M.F., Saini P.		Proceedings - 2021 3rd International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2021			0	0	1	0	1	0	1
2021	Pitfalls of Conventional MPPT Techniques of Solar PV	Charu K.M., Thakur P., Ansari M.F., Saini P.		Proceedings - 2021 3rd International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2021			0	0	0	0	0	0	0
2021	Critical Analysis of Genetic Algorithm under Crossover and Mutation Rate	Kumar R., Memoria M., Gupta A., Awasthi M.		Proceedings - 2021 3rd International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2021			0	4	11	0	15	0	15
2021	Sustainable biocomposite development using halloysite nanotubes and polylactic acid	Verma D., Goh K.L., Ying P.S., Dogra V.		Sustainable Biopolymer Composites: Biocompatibility, Self-Healing, Modeling, Repair and Recyclability: A Volume in Woodhead Publishing Series in Composites Science and Engineering			0	0	0	0	0	0	0
2021	A General Fixed Point Theorem	Pant R.P., Rakocevic V., Gopal D., Pant A., Ram M.	3545180	Filomat	35	12	0	0	5	0	5	0	5
2021	IRLCov19: A Large COVID-19 Multilingual Twitter Dataset of Indian Regional Languages	Uniyal D., Agarwal A.	18650929	Communications in Computer and Information Science	1525		0	0	0	0	0	0	0
2021	Development of Anatomy Learning System based on Augmented Reality	Bhatla S., Tripathi V.		Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021			0	0	1	0	1	0	1

2021	Phytochemical Constituents, Biological Activities, and Health-Promoting Effects of the Melissa officinalis	Sharifi-Rad J., Quispe C., Herrera-Bravo J., Akram M., Abbaass W., Semwal P., Painuli S., Konovalov D.A., Alfred M.A., Kumar N.V.A., Imran M., Nadeem M., Sawicka B., Pszczolkowski P., Bienia B., Barbas P., Mahmud S., Durazzo A., Lucarini M., Santini A., Martorell M., Calina D.	19420900	Oxidative Medicine and Cellular Longevity	2021		0	13	17	0	30	0	30
2021	Reliability, MTTF, and sensitivity evaluation of a computer network system connected in star topology	Nagiya K., Kumar A., Ram M., Anand A.		The Handbook of Reliability, Maintenance, and System Safety through Mathematical Modeling			0	0	0	0	0	0	0
2021	The Handbook of Reliability, Maintenance, and System Safety through Mathematical Modeling	Kumar A., Ram M.		The Handbook of Reliability, Maintenance, and System Safety through Mathematical Modeling			0	2	0	0	2	0	2
2021	A Multi-Face Recognition Framework for Real Time Monitoring	Kumar V.	2640074X	Proceedings of the IEEE International Conference Image Information Processing	2021-		0	1	0	0	1	0	1
2021	Neural Network and Machine Learning based Prediction Model Design for Air Pollutant PM10	Sunori S.K., Negi P.B., Maurya S., Mittal A., Bhakuni A.S., Juneja P.		Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021			0	0	1	0	1	0	1
2021	Mobile Payments: Assessing the Threats, Challenges and Security Measures	Galhotra B., Jatain A., Bajaj S.B., Jaglan V.		Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021			0	0	0	0	0	0	0
2021	Multimodality Data Fusion for COVID-19 Diagnosis	Chauhan A., Jagadish D.N., Mahto L.		Proceedings - 2021 IEEE International Conference on Big Data, Big Data 2021			0	0	0	0	0	0	0
2021	Hate or Non-hate: Translation based hate speech identification in Code-Mixed Hinglish data set	Biradar S., Saumya S., Chauhan A.		Proceedings - 2021 IEEE International Conference on Big Data, Big Data 2021			0	5	5	0	10	0	10
2021	Improved LBP based Descriptors in Harsh Illumination Variations For Face Recognition	Karanwal S.		2021 22nd International Arab Conference on Information Technology, ACIT 2021			0	3	3	0	6	0	6
2021	COC-LBP: Complete Orthogonally Combined Local Binary Pattern for Face Recognition	Karanwal S.		2021 IEEE 12th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2021			0	4	3	0	7	0	7
2021	Voice Based Deep Learning Enabled User Interface Design for Smart Home Application System	Aggarwal S., Sharma S.		Proceedings of the 2021 2nd International Conference on Communication, Computing and Industry 4.0, C2I4 2021			0	5	1	0	6	0	6
2021	Covid-19 Analysis using Deep Learning Methods and Computed Tomography Scans	Agarwal R., Nijhawan R., Gupta S., Goel S.		2021 IEEE Bombay Section Signature Conference, IBSSC 2021			0	0	1	0	1	0	1
2021	Potential inhibitors of SARS-CoV-2 (COVID 19) proteases PLpro and Mpro/ 3CLpro: molecular docking and simulation studies of three pertinent medicinal plant natural components	Verma D., Mitra D., Paul M., Chaudhary P., Kamboj A., Thatoi H., Janmeda P., Jain D., Panneerselvam P., Shrivastav R., Pant K., Das Mohapatra P.K.	25902571	Current Research in Pharmacology and Drug Discovery	2		0	13	16	0	29	0	29
2021	Polymeric nanomaterials as broad-spectrum antimicrobial compounds	Mishra A., Goswami R., Bhatt N.		Advances in Polymeric Nanomaterials for Biomedical Applications			0	0	0	0	0	0	0
2021	The Microbial Inactivation by High Voltage Pulsed Electric Field	Ansari M.F., Afzal A.		2021 IEEE 6th International Conference on Computing, Communication and Automation, ICCCA 2021			0	0	0	0	0	0	0
2021	Detection of Offensive Language in Social Networks Using LSTM and BERT Model	Kumar A., Tyagi V., Das S.		2021 IEEE 6th International Conference on Computing, Communication and Automation, ICCCA 2021			0	0	1	0	1	0	1
2021	Impact and Investigation of nCOV 2 in the Indian State of Uttarakhand	Shakya A.K., Ramola A., Vidyarthi A.		Proceedings - International Conference on Communication, Information and Computing Technology, ICCICT 2021			0	1	0	0	1	0	1
2021	HHFER: A Hybrid Framework for Human Facial Expression Recognition	Tomar A., Gera S., Kumar S., Pant B.		2021 International Conference on Data Analytics for Business and Industry, ICDABI 2021			0	0	1	1	2	0	2
2021	mBERT based model for identification of offensive content in south Indian languages	Biradar S., Saumya S., Chauhan A.	16130073	CEUR Workshop Proceedings	3159		2	0	0	0	0	0	2
2021	Rainfall Classification using Support Vector Machine	Sunori S.K., Singh D.K., Mittal A., Maurya S., Mamodiya U., Juneja P.K.		Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021			0	1	6	0	7	0	7
2021	Internet-of-Things Enabled Forest Fire Detection System	Mehta K., Sharma S., Mishra D.		Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021			0	4	5	0	9	0	9
2021	Rainfall variability analysis using Precipitation Concentration Index: A case study of the western agro-climatic zone of Punjab, India	Rawat K.S., Pal R.K., Singh S.K.	249521	Indonesian Journal of Geography	53	3	0	0	3	0	3	0	3
2021	Classification of Rainfall Levels using Various Machine Learning Techniques	Sunori S.K., Aravind Babu L.R., Shermina J., Sam D., Justin S., Maurya S., Juneja P.		2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021			0	0	1	0	1	0	1

2021	Traffic Sign Detection using Deep Learning Techniques in Autonomous Vehicles	Juyal A., Sharma S., Matta P.		Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021			0	2	3	1	6	0	6
2021	Strawberry Plant's Health Detection for Organic Farming Using Unmanned Aerial Vehicle	Juyal P., Sharma S.		Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021			0	4	0	0	4	0	4
2021	Components, Technologies, and Market of Road Traffic Management System in Global Scenarios: A Complete Study	Agarwal P., Sharma S., Matta P.		Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021			0	2	2	0	4	0	4
2021	Artificial Intelligence based Framework for Effective Performance of Traffic Light Control System	Singh A., Sharma S., Purohit K.C., Nithin Kumar K.C.		Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021			0	2	1	0	3	0	3
2021	Algae-, fungi-, and yeast-mediated biological synthesis of nanoparticles and their various biomedical applications	Bachheti R.K., Abate L., Deepti, Bachheti A., Madhusudhan A., Husen A.		Handbook of Greener Synthesis of Nanomaterials and Compounds: Volume 1: Fundamental Principles and Methods			4	2	19	0	21	0	25
2021	Content based Surgical Video Retrieval via Multi-Deep Features Fusion	Kumar V., Tripathi V., Pant B.		Proceedings of CONECCT 2021: 7th IEEE International Conference on Electronics, Computing and Communication Technologies			1	4	2	0	6	0	7
2021	AI and Machine Learning Based Classification of Air Quality Index Using COVID-19 Lockdown Period Data	Sunori S.K., Juneja P., Negi P.B., Maurya S., Raj P., Nainwal D.		Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021			0	1	2	0	3	0	3
2021	A Comprehensive Review on Encryption based Open Source Cyber Security Tools	Sharma R., Dangi S., Mishra P.	26438615	Proceedings of IEEE International Conference on Signal Processing,Computing and Control	2021-		1	2	3	0	5	0	6
2021	Advanced biopolymer-based composites: Construction and structural applications	Verma D., Dogra V., Chaudhary A.K., Mordia R.		Sustainable Biopolymer Composites: Biocompatibility, Self-Healing, Modeling, Repair and Recyclability: A Volume in Woodhead Publishing Series in Composites Science and Engineering			0	3	3	0	6	0	6
2021	Analyzing The Role Of Public Transportation On Environmental Air Pollution In Select Cities	Sharma N., Agrawal R., Silmana A.	2537141	Indian Journal of Environmental Protection	41	5	0	0	0	0	0	0	0
2021	Tobacco Smoking and Liver Cancer Risk: Potential Avenues for Carcinogenesis	Jain D., Chaudhary P., Varshney N., Bin Razzak K.S., Verma D., Khan Zahra T.R., Janmeda P., Sharifi-Rad J., Dastan S.D., Mahmud S., Docea A.O., Calina D.	16878450	Journal of Oncology	2021		0	18	18	2	38	0	38
2021	SOIL QUALITY PREDICTION FOR DETERMINING SOIL FERTILITY IN BHIMTAL BLOCK OF UTTARAKHAND (INDIA) USING MACHINE LEARNING	Pant J., Pant P., Pant R.P., Bhatt A., Pant D., Juyal A.	22918639	International Journal of Analysis and Applications	19	1	0	0	2	0	2	0	2
2021	GENERALIZED INVEXITY and MATHEMATICAL PROGRAMS	Joshi B.C., Mohan R., Pankaj	3540243	Yugoslav Journal of Operations Research	31	4	0	0	1	0	1	0	1
2021	Accurate Prognosis Of Covid-19 Using Ct Scan Images With Deep Learning Model And Machine Learning Classifiers	Gupta S., Aggarwal P., Chaubey N., Panwar A.	3678393	Indian Journal of Radio and Space Physics	50	1	4	6	2	0	8	0	12
2021	Deep Learning Approach for Stages of Severity Classification in Diabetic Retinopathy Using Color Fundus Retinal Images	Goel S., Gupta S., Panwar A., Kumar S., Verma M., Bourouis S., Ullah M.A.	1024123X	Mathematical Problems in Engineering	2021		2	10	9	0	19	0	21
2021	A hybrid multi criteria decision making approach for consultant selection problem in ERP project	Avikal S., Nigam M., Ram M.	9756809	International Journal of Systems Assurance Engineering and Management			0	0	0	0	0	0	0
2021	Investigating the impacts of urbanization on different land cover classes and land surface temperature using GIS and RS techniques	Pokhariya H.S., Singh D.P., Prakash R.	9756809	International Journal of Systems Assurance Engineering and Management			0	1	3	1	5	0	5
2021	[Frobenius series solution for functionally graded material with exponentially variable thickness and moduli, Rešenje oblika frobeniusovog reda za funkcionalni materijal eksponencijalno promenljive debljine i modula elastičnosti]	Sahni M., Sahni R., Patel N., Kumar M.	14513749	Structural Integrity and Life	21		0	0	0	0	0	0	0
2021	Automatic Diagnosis of Covid-19 Using Chest X-ray Images Through Deep Learning Models	Gupta S., Aggarwal P., Singh S., Dhondiyal S.A., Aeri M., Panwar A.	18761100	Lecture Notes in Electrical Engineering	796		1	10	1	0	11	0	12
2021	Antispasmodic Potential of Medicinal Plants: A Comprehensive Review	Rauf A., Akram M., Semwal P., Mujawah A.A.H., Muhammad N., Riaz Z., Munir N., Piotrovsky D., Vdovina I., Bouyahya A., Adetunji C.O., Shariati M.A., Almarhoon Z.M., Mabkhot Y.N., Khan H.	19420900	Oxidative Medicine and Cellular Longevity	2021		0	8	17	1	26	0	26
2021	[Multi-objective optimisation of superstructure for biodiesel production from biomass, Multi-objektna optimizacija superstrukture za proizvodnju biodizela iz biomase]	Bedi P., Kumar S., Saini S., Goyal N., Kumar A., Ram M.	14513749	Structural Integrity and Life	21		0	0	0	0	0	0	0
2021	Identification of Drivers and Barriers of Sustainable Manufacturing	Pathak P., Singh M.P., Badhotiya G.K., Chauhan A.S.	25225022	Lecture Notes on Multidisciplinary Industrial Engineering	254		1	0	0	0	0	0	1

2021	Categorization of event clusters from Twitter using term weighting schemes	Samant S.S., Bhanu Murthy N.L., Malapati A.	3505596	Informatica (Slovenia)	45	3	0	1	1	0	2	0	2
2021	Fabrication and Experimental Testing of Hybrid Composite Material Having Biodegradable Bagasse Fiber in a Modified Epoxy Resin: Evaluation of Mechanical and Morphological Behavior	Dogra V., Kishore C., Verma A., Rana A.K., Gaur A.	26729156	Applied Science and Engineering Progress	14	4	1	12	18	1	31	0	32
2021	Biodiesel yield enhancement through optimizing process parameters with assistance of solar energy—Taguchi and response surface methodology application	Singh Y., Upadhyay A.K., Singh N.K., Sharma A., Singla A., Kumar N., Singh V.	9544062	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science			0	0	0	0	0	0	0
2021	Blockchain Based Framework to Maintain Chain of Custody (CoC) in a Forensic Investigation	Sarishma, Gupta A., Mishra P.	18650929	Communications in Computer and Information Science	1440		0	1	2	0	3	0	3
2021	Unsupervised Learning of Visual Representations via Rotation and Future Frame Prediction for Video Retrieval	Kumar V., Tripathi V., Pant B.	18650929	Communications in Computer and Information Science	1440		0	7	3	0	10	0	10
2021	EOQ model with a discount rate of inflation and optimisation with pentagonal fuzzy number	Rajput N., Chauhan A., Pandey R.K.	17575850	International Journal of Mathematics in Operational Research	20	2	0	1	1	1	3	0	3
2021	Plant extract mediated cost-effective tin oxide nanoparticles: A review on synthesis, properties, and potential applications	Ahmad W., Pandey A., Rajput V., Kumar V., Verma M., Kim H.	26660865	Current Research in Green and Sustainable Chemistry	4		0	2	15	2	19	0	19
2021	Calibrating intermediate COCOMO model using memetic algorithm	Verma A., Malik P.		12th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2021	2021-		0	0	0	0	0	0	0
2021	Comparative Analysis of Serverless Solutions from Public Cloud Providers	Baid D., Goel P.M., Bhardwaj P., Singh A., Tyagi V.	18650929	Communications in Computer and Information Science	1417		0	0	1	0	1	0	1
2021	IGCACS-IoD: An Improved Certificate-Enabled Generic Access Control Scheme for Internet of Drones Deployment	Das A.K., Bera B., Wazid M., Jamal S.S., Park Y.	21693536	IEEE Access	9		1	4	7	2	13	0	14
2021	Blockchain-Envisioned Secure Authentication Approach in AIoT: Applications, Challenges, and Future Research	Wazid M., Das A.K., Park Y.	15308669	Wireless Communications and Mobile Computing	2021		0	3	6	1	10	0	10
2021	Numerical approach for chemical reaction and suction/injection impacts on magnetic micropolar fluid flow through porous wedge with Hall and ion-slip using Keller Box method	Singh K., Pandey A.K., Kumar M.	17455030	Waves in Random and Complex Media			1	16	7	1	24	0	25
2021	Design and analysis of customized mechanisms for various robotic applications: A mini review	Bansal G., Mahajan A., Kandari S., Usmani A., Singh Panwar K.	22147853	Materials Today: Proceedings	46		0	1	0	0	1	0	1
2021	Determining the role of working environment, contextual factors and task characteristics in internship satisfaction of hospitality undergraduates	Kukreti R., Dani R.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Modelling and simulation of conductive polymer nanocomposites based piezoresistive strain sensor	Prasad B., Rathi V., Patil P.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2021	FEA design and analysis of flow sensor	Patil P., Kumar A., Gori Y.	22147853	Materials Today: Proceedings	46		0	1	2	0	3	0	3
2021	A comparative survey on data encryption Techniques: Big data perspective	Matta P., Arora M., Sharma D.	22147853	Materials Today: Proceedings	46		2	1	4	0	5	0	7
2021	Differentiate mechanical properties of the metal joining process through FCW, FSW and FSP: A review	Yadav R., Dwivedi V.K., Kishore C., Bansal G.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	SiO2nanoparticles effect to the Mahua oil for friction and wear characterization	Kanojia R., Singh Y., Mishra P., Negi P.	22147853	Materials Today: Proceedings	46		0	2	1	0	3	0	3
2021	Study of post-merger effect on performance of banks in India	Sengar N., Badhotiya G.K., Dobriyal R., Singh D.B.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	A review on the production and characterization methods of bio-based lubricants	Negi P., Singh Y., Tiwari K.	22147853	Materials Today: Proceedings	46		0	4	7	1	12	0	12
2021	Effect of direction of lip spoiler on the aerodynamic performance of a small passenger vehicle	Verma R.P., Kumar Chaudhary N., Avikal S.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Quality analysis of statistical and data-driven rainfall-runoff models for a mountainous catchment	Negi A., Rawat K.S., Nainwal A., Shah M.C., Kumar V.	22147853	Materials Today: Proceedings	46		1	2	1	1	4	0	5
2021	A review on passive and active solar still using phase change materials	Negi P., Dobriyal R., Singh D.B., Badhotiya G.K.	22147853	Materials Today: Proceedings	46		0	5	5	1	11	0	11
2021	Tucker decomposition and applications	Bhatt V., Kumar S., Saini S.	22147853	Materials Today: Proceedings	46		0	0	3	1	4	0	4
2021	Signature analysis of a combinatory system	Goyal N., Ram M., Kumar A.	22147853	Materials Today: Proceedings	46		0	1	0	0	1	0	1
2021	Experimental analysis based parametric study of packed bed heat regenerator with air as passing medium	Negi P., Singh Y., Dixit J., Gwalwanshi M., Kanojia R.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Multi-response optimization of process parameters of GMA welding of dissimilar AA 6061-T6 and AA 5083-O aluminium alloy for optimal mechanical properties	Verma R.P., Pandey K.N.	22147853	Materials Today: Proceedings	46		0	2	2	1	5	0	5
2021	Influence of fuel injection timing in a DME based CI engine at low load	Mittal G.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Experimental determination of the effect of change in relative roughness pitch on the thermo-hydraulic performance of air heater working with solar energy	Bansal G., Kishore C., Selvaraj R.M., Dwivedi V.K.	22147853	Materials Today: Proceedings	46		1	4	0	0	4	0	5
2021	Comparison of different optimizers implemented on the deep learning architectures for COVID-19 classification	Verma P., Tripathi V., Pant B.	22147853	Materials Today: Proceedings	46		1	5	9	2	16	0	17
2021	Experimental investigations on gaseous hydrogen supplemented Aleurites Fordii biodiesel in a direct injection diesel engine for performance enhancement and reduction in emissions	Ranjit P.S., Sureshchandra Bhurat S., Santosh Kumar D., Vinjamuri V.K., Saravanan A., Varaprasad Bh., Murugan M., Singh Y., G. S.M.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	Forecasting water level of Glacial fed perennial river using a genetically optimized hybrid Machine learning model	Imran M., Sheikh Abdul Khader P., Rafiq M., Singh Rawat K.	22147853	Materials Today: Proceedings	46		0	1	2	1	4	0	4
2021	Crisp and fuzzy economic order quantity model with time dependent demand and permissible delay in payments	Sayal A., Singh A.P., Chauhan A.	22147853	Materials Today: Proceedings	46		0	0	2	1	3	0	3

2021	Role of nanoparticles as an additive to the biodiesel for the performance and emission analysis of diesel engine - A review	Tripathi R., Negi P., Singh Y., Ranjit P.S., Sharma A.	22147853	Materials Today: Proceedings	46		0	1	5	0	6	0	6
2021	How statistics of World health index react against COVID-19	Tomer V., Gupta S., Manwal M., Singh D.P.	22147853	Materials Today: Proceedings	46		1	1	2	0	3	0	4
2021	Ageing of pipe induced chlorine concentration decay: A one dimensional mass transfer modeling	Bhadula R.C., Kala V.N., Pant R., Kholiya D., Singh S.J.	22147853	Materials Today: Proceedings	46		0	1	2	0	3	0	3
2021	Failure analysis of premature failed rear axle shaft of a three wheeler vehicle	Singh D.P., Verma R.P., Singh P.	22147853	Materials Today: Proceedings	46		0	2	0	0	2	0	2
2021	Improvement in quality of handmade paper materials by recycling of waste papers and PPE kits	Kumar V., Gupta S., Kalra J.S., Patil P.P.	22147853	Materials Today: Proceedings	46		0	2	1	0	3	0	3
2021	Effect of apex angle on near wake vortex dynamics of triangular cylinders at intermediate Reynolds number	Agrawal N., Subhash M.	22147853	Materials Today: Proceedings	46		0	1	0	1	2	0	2
2021	Computational fluid dynamics simulation of a stirred tank reactor	Mittal G., Issao Kikugawa R.	22147853	Materials Today: Proceedings	46		1	2	7	1	10	0	11
2021	Sustainability of vegetable oil based bio-diesel as dielectric fluid during EDM process - A review	Yadav A., Singh Y., Singh S., Negi P.	22147853	Materials Today: Proceedings	46		0	6	6	1	13	0	13
2021	Analyzing determinants for diffusion and adoption of solar power systems in India	Badhotiya G.K., Sharma V., Singh D.B., Bansal G.	22147853	Materials Today: Proceedings	46		0	0	1	1	2	0	2
2021	On the modelling of nonlinear viscoelastic relation for rubber-like materials	Jha N.K., Dobriyal R., Kumar P., Badhotiya G.K.	22147853	Materials Today: Proceedings	46		0	2	1	0	3	0	3
2021	Positional optimisation of twin-S shape CMFS in stainless steel tube	Taluja R., Patil P.P.	22147853	Materials Today: Proceedings	46		0	0	1	0	1	0	1
2021	An unsteady CFD modelling of a single slope solar still	Mittal G.	22147853	Materials Today: Proceedings	46		0	3	7	1	11	0	11
2021	Electrical analysis of PVA/PAMPS/CNF polymer blend electrolytic membranes	Joshi A., Panwar V.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2021	A review on applications of nanomaterials in hotel industry: Prospects for food processing, packaging, and safety	Dani R., Yashwant Singh R., Murdia M., Bagchi P.	22147853	Materials Today: Proceedings	46		1	2	2	0	4	0	5
2021	Finite element analysis of hip joint to find out the load at which the fracture occurs	Pratap Singh D., Chavadaki S., Shaikh A., Nithin Kumar K.C., Avikal S.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	Friction and wear characterization of chemically treated Styrax officinalis L vegetable oil	Singh Y., Negi P., Yadav A., Tripathi R.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2021	Identification of key determinants of solar power system adoption in India	Badhotiya G.K., Sharma V., Singh D.B., Dobriyal R.	22147853	Materials Today: Proceedings	46		0	0	1	0	1	0	1
2021	Experimental study of foundry defects in aluminium castings for quality improvement of casting	Chandra Kandpal B., Johri N., Kumar B., Patel A., Pachouri P., Alam M., Talwar P., Sharma M.K., Sharma S.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Finite element analysis of Euler's Bernoulli cantilever composite beam under uniformly distributed load at elevated temperature	Malik S., Singh D.K., Bansal G., Paliwal V., Manral A.R.	22147853	Materials Today: Proceedings	46		0	0	1	0	1	0	1
2021	Mechanical analysis of conductive polymer nanocomposite	Prasad B., Rathi V., Panwar V., Patil P., Kumar V.	22147853	Materials Today: Proceedings	46		0	2	0	0	2	0	2
2021	Magnesium oxide (MgO) as an additive to the neem oil for efficient lubrication	Singh Y., Badhotiya G.K., Gwalwanshi M., Negi P., Bist A.	22147853	Materials Today: Proceedings	46		0	2	7	1	10	0	10
2021	An implicit collocation algorithm based on cubic extended B-splines for Caputo time-fractional PDE	Dhiman N., Tamsir M., Chauhan A., Nigam D.	22147853	Materials Today: Proceedings	46		0	0	1	1	2	0	2
2021	Flash flood risk management modeling in indian cities using IoT based reinforcement learning	Goyal H.R., Ghanshala K.K., Sharma S.	22147853	Materials Today: Proceedings	46		0	4	3	1	8	0	8
2021	The mechanics of near wake region of 75 degree triangular cylinder at intermediate Reynolds number	Agrawal N., Subhash M.	22147853	Materials Today: Proceedings	46		0	0	0	1	1	0	1
2021	Quantitative analysis of merger effect on financial banking in India	Senger N., Badhotiya G.K., Singh Y., Negi P.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	FEA based frequency analysis of unmanned aerial vehicle (UAV)	Ahmad F., Kumar P., Patil P.P., Kumar V.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Preparation of Poly styrene coated nano silica superhydrophobic coating and evaluation of stability for optical purposes	Bhatt N., Mishra A., Goswami R., Bhardwaj C.K.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2021	Structural and FEM analysis of heat treatment effects on mild steel	Srivastava A., Jain A., Rajput S., Om Singh H., Chandra Kandpal B., Yadav M., Varshney S., Johri N.	22147853	Materials Today: Proceedings	46		0	1	0	0	1	0	1
2021	Analysis of agricultural crop yield prediction using statistical techniques of machine learning	Pant J., Pant R.P., Kumar Singh M., Pratap Singh D., Pant H.	22147853	Materials Today: Proceedings	46		1	8	23	4	35	0	36
2021	The influence of Metakaolin on the copper slag substituted concrete with the fine aggregate of Beas river	Nainwal A., Emani P.K., Shah M.C., Negi A., Kumar V., Negi P.	22147853	Materials Today: Proceedings	46		0	2	0	0	2	0	2
2021	Estimation of age from speech using excitation source features	Avikal S., Sharma K., Barthwal A., Nithin Kumar K.C., Kumar Badhotiya G.	22147853	Materials Today: Proceedings	46		0	0	1	0	1	0	1
2021	Development of bio based lubricant from Schlichera oleosa with effect of load during tribological analysis	Singh Y., Negi P., Yadav A., Tripathi R.	22147853	Materials Today: Proceedings	46		0	0	1	1	2	0	2
2021	Mechanical characterization of epoxy composite reinforced with alkali treated walnut shell powder	Singh A.K., Verma R.P., Avikal S., Mehra K.S.	22147853	Materials Today: Proceedings	46		1	0	1	0	1	0	2
2021	Analysis of carbon fiber reinforced with resin epoxy using FEM analysis	Kishore C., Bhatt V., Jaiswal R., Jugran S., Rawat D., Verma D.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	Chitin as bio-based nanomaterial in packaging: A review	Bose I., Singh R., Negi P., Singh Y.	22147853	Materials Today: Proceedings	46		1	1	2	1	4	0	5
2021	Analysis of trench termination in 4H-nSiC based power devices	Verma J., Pant S., Kumar A., Kumar Jangir B., Dalal J., Ram M.	22147853	Materials Today: Proceedings	46		0	3	2	0	5	0	5
2021	Vibration characteristics based pre-stress analysis of a quadcopter's body frame	Ahmad F., Kumar P., Patil P.P.	22147853	Materials Today: Proceedings	46		1	0	2	0	2	0	3
2021	Friction and wear characteristics of chemically modified Garcinia Indica at different loads	Singh Y., Negi P.	22147853	Materials Today: Proceedings	46		0	1	0	0	1	0	1
2021	Cost analysis of amazon web services - From an eye of architect and developer	Maurya S., Lakhera G., Srivastava A.K., Kumar M.	22147853	Materials Today: Proceedings	46		0	1	3	0	4	0	4

2021	Influence of reentrant piston bowl geometry on combustion in CI engine	Mittal G., Gwalwanshi M.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	Effect of the variation of N on productivity of solar energy based single slope water purifier integrated with N alike partly covered compound parabolic concentrating solar collectors	Raturi A., Bharti K., Kumar R., Singh D.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	Effect of industrial/ agricultural waste materials as reinforcement on properties of metal matrix composites	Kandpal B.C., Johri N., Kumar N., Srivastava A.	22147853	Materials Today: Proceedings	46		0	3	4	1	8	0	8
2021	Applications and role of Nano-Silica particles on altering the properties and their usage for oil well cementing	Goyal S., Joshi P., Singh R., Rohan	22147853	Materials Today: Proceedings	46		0	5	4	1	10	0	10
2021	Stress level monitoring using SWS measurements of local earthquakes of Garhwal Himalaya	Singh R., Paul A., Rohan, Goyal S.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Failure prediction of rear axle of a three wheeler vehicle by dynamic analysis: Computational approach	Verma R.P., Singh M., Lila M.K.	22147853	Materials Today: Proceedings	46		0	1	2	0	3	0	3
2021	Effect of initial turbulence on combustion with ECFM-3Z model in a CI engine	Mittal G., Subhash M., Gwalwanshi M.	22147853	Materials Today: Proceedings	46		0	2	0	0	2	0	2
2021	Friction and wear analysis of transesterified Crambe Abyssinica oil at different loads	Singh Y., Negi P., Yadav A.	22147853	Materials Today: Proceedings	46		0	0	1	0	1	0	1
2021	Raw material particle terminologies for development of engineered wood	Singh N., Rana A., Badhotiya G.K.	22147853	Materials Today: Proceedings	46		0	2	2	0	4	0	4
2021	Effect of ply thickness and orientation on fatigue delamination of laminated composites using cohesive zone model	Johri N., Chandra Kandpal B., Kumar N., Srivastava A.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	FEA based fatigue crack growth analysis	Gori Y., Verma R.P., Kumar A., Patil P.P.	22147853	Materials Today: Proceedings	46		0	1	6	0	7	0	7
2021	Solar based polio-drop box system with Peltier effect technology: A review	Bansal G., Jain Y., Ahmad Y., Isha, Agarwal V.	22147853	Materials Today: Proceedings	46		0	2	1	0	3	0	3
2021	Hard disk drive failure prediction using SMART attribute	Tomer V., Sharma V., Gupta S., Singh D.P.	22147853	Materials Today: Proceedings	46		1	2	2	0	4	0	5
2021	A fuzzy-AHP and TOPSIS based approach for selection of metal matrix composite used in design and structural applications	Avikal S., Kumar Singh A., Nithin Kumar K.C., Kumar Badhotiya G.	22147853	Materials Today: Proceedings	46		1	0	3	3	6	0	7
2021	Characterization of banana peel ionic polymer membrane by using polynomial regression	Raturi P., Panwar V., Singh S.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Effect of SiO2as an additive to Mongongo oil during friction and wear characterization	Singh Y., Singla A., Upadhyay A.K.	22147853	Materials Today: Proceedings	46		0	0	0	1	1	0	1
2021	Numerical analysis of roughened solar air heater with arc and fan shape roughness to understand heat transfer and fluid flow characteristics	Singh H., Chavadaki S., Kishore C., Kumar K.C.N., Avikal S.	22147853	Materials Today: Proceedings	46		1	6	4	1	11	0	12
2021	Michelia Champaca based bio lubricant and its application during tribological behaviour analysis	Singh Y., Negi P., Yadav A., Tripathi R.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2021	Study of mechanical properties of GMA welded dissimilar aluminium alloys of AA5083-O/AA6061-T6 at different welding torch directions	Verma R.P.	22147853	Materials Today: Proceedings	46		0	2	1	0	3	0	3
2021	Effect of solid concentration and grain size on the rheology of fly ash slurries	Singh D.B., Kumar N., Kaushal D.R., Sharma A.K., Yadav J.K.	22147853	Materials Today: Proceedings	46		1	2	1	3	6	0	7
2021	Study of non-homogeneity effects on natural frequencies and mode shapes of polar orthotropic annular plate of exponentially varying thickness rest on elastic foundation	Robin, Singh Gill F., Dhiman N.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	A decision-making approach for installation of telecom tower	Avikal S., Singh A.K., Kumar K.C.N., Rajak B., Badhotiya G.K.	22147853	Materials Today: Proceedings	46		0	0	1	0	1	0	1
2021	Numerical analysis of thermal-hydraulic performance of fully developed turbulent flow in heat exchanger tube with Half Moon inserts	Singh H., Kishore C., Nithin Kumar K.C., Patil P.P., Avikal S.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	Performance analysis of bimorph cantilever beam using piezoelectric materials and MEMS technology	Rathod A.P.S., Kukreti K., Mishra A., Kumar B.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2021	Investigation of the pre - Damage on fire resistance of RC beams	Shah M.C., Kothari S., Nainwal A., Negi A., Kumar V.	22147853	Materials Today: Proceedings	46		0	1	1	1	3	0	3
2021	Manufacturing processes for the development of engineered wood - A mini-review	Singh N., Rana A., Badhotiya G.K.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2021	Raphnus raphanistrum L: A novel feedstock for bio based lubricant application	Singh Y., Negi P., Yadav A., Tripathi R.	22147853	Materials Today: Proceedings	46		0	0	0	0	0	0	0
2021	A comprehensive study on experimental analysis and development methods of chicken feather fiber reinforced bio composites	Bansal G., Jain Y., Ahmed Y., Kishore C., Agarwal V.	22147853	Materials Today: Proceedings	46		0	2	3	0	5	0	5
2021	Computational kinematic characterization of flow past a bluff body for type 304 stainless steel material using ANSYS workbench	Taluja R., Patil P.P., Bansal G., Taluja T., Agarwal V.	22147853	Materials Today: Proceedings	46		0	0	1	0	1	0	1
2021	A review on soft materials utilized for the manufacturing of soft robots	Gariya N., Kumar P.	22147853	Materials Today: Proceedings	46		1	4	10	0	14	0	15
2021	Modeling novel Anti-Viral peptides (AVPs) with in-silico docking simulations against corona virus	Sharma A., Pant K., Pande A., Sinha S., Pant B.	22147853	Materials Today: Proceedings	46		0	1	0	0	1	0	1
2021	Graph neural network: Current state of Art, challenges and applications	Gupta A., Matta P., Pant B.	22147853	Materials Today: Proceedings	46		1	2	7	0	9	0	10
2021	Special issue on 'Recent advances in multi-disciplinary modeling & simulations'	Ram M., Kazancoglu Y.	2286203	International Journal of Modelling and Simulation	41	5	0	0	0	0	0	0	0
2021	Improvement of QoS of outdoor prediction models using tuning and machine learning approach in fringe areas	Gupta A., Ghanshala K., Joshi R.C.	2286203	International Journal of Modelling and Simulation	41	5	0	0	0	0	0	0	0
2021	Application of nanomaterials in food packaging industry: A review	Tiwari K., Singh R., Negi P., Dani R., Rawat A.	22147853	Materials Today: Proceedings	46		1	4	4	1	9	0	10
2021	Oxime-modified aluminum (III) isopropoxide: A promising sol-gel precursor coating to improve mechanical strength of an aluminum alloy	Badhotiya G.K., Saini A., Singh D., Chauhan A.S.	22147853	Materials Today: Proceedings	46		1	0	1	0	1	0	2
2021	A review on the characterization of bio based lubricants from vegetable oils and role of nanoparticles as additives	Yadav A., Singh Y., Negi P.	22147853	Materials Today: Proceedings	46		1	4	7	1	12	0	13
2021	Optimization of complex system reliability using hybrid grey wolf optimizer	Negi G., Kumar A., Pant S., Ram M.	25606018	Decision Making: Applications in Management and Engineering	4	2	3	21	24	4	49	0	52

2021	Diplazium esculentum (Retz.) Sw.: Ethnomedicinal, Phytochemical, and Pharmacological Overview of the Himalayan Ferns	Semwal P., Painuli S., Painuli K.M., Antika G., Tumer T.B., Thapliyal A., Setzer W.N., Martorell M., Alshehri M.M., Taheri Y., Dastan S.D., Ayatollahi S.A., Petkoska A.T., Sharifi-Rad J., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2021		0	3	8	2	13	0	13
2021	In-silico studies for unraveling medicinal properties of sanjeevani	Malik A., Bisht K., Kumar P., Sinha S., Tomar S., Pant K.	22147853	Materials Today: Proceedings	46		0	1	2	0	3	0	3
2021	Opposition-Based Tunicate Swarm Algorithm for Parameter Optimization of Solar Cells	Sharma A., Sharma A., Dasgotra A., Jately V., Ram M., Rajput S., Averbukh M., Azzopardi B.	21693536	IEEE Access	9		2	15	14	0	29	0	31
2021	A deep learning approach to detect lumpy skin disease in cows	Rai G., Naveen, Hussain A., Kumar A., Ansari A., Khanduja N.	23674512	Lecture Notes on Data Engineering and Communications Technologies	66		0	0	3	1	4	0	4
2021	Iot based smart transport management and vehicle-to-vehicle communication system	Agarwal V., Sharma S., Agarwal P.	23674512	Lecture Notes on Data Engineering and Communications Technologies	66		2	8	10	0	18	0	20
2021	Paving Plant-Food-Derived Bioactives as Effective Therapeutic Agents in Autism Spectrum Disorder	Cruz-Martins N., Quispe C., Kirkin C., Senol E., Zulug A., Ozcelik B., Ademiluyi A.O., Oyeniran O.H., Semwal P., Kumar M., Sharopov F., Lopez V., Les F., Bagiu I.-C., Butnariu M., Sharifi-Rad J., Alshehri M.M., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2021		0	2	2	1	5	0	5
2021	Use of Schleichera Oleosa biodiesel blends with conventional diesel in a compression ignition engine - A feasibility assessment	Ranjit P.S., Bhurat S.S., Saravanan A., Murugan M., Kamesh V.V., Kumar P., Singh Y., Mahesh G.S.	22147853	Materials Today: Proceedings	46		0	2	2	0	4	0	4
2021	An image watermarking framework based on PSO and FrQWT	Kumar S., Singh M.K., Saini D.	9720529	Journal of Discrete Mathematical Sciences and Cryptography	24	5	0	0	1	0	1	0	1
2021	Design and modal analysis of a Quadcopter propeller through finite element analysis	Ahmad F., Kumar P., Pravin Patil P., Kumar V.	22147853	Materials Today: Proceedings	46		1	0	2	0	2	0	3
2021	Experimental investigations on mechanical properties and abrasive wear response of glass, kevlar and carbon fabric reinforced composites	Agarwal G., Johri N.	22147853	Materials Today: Proceedings	46		0	1	1	0	2	0	2
2021	3D Seismic data design, acquisition and interpretation of Kolmani exploratory field, upper Benue trough, Gongola Basin: Nigeria	Abdulkadir U., Hashim J., Kumar A., Yau U., Simon A., Dawaki A.		Society of Petroleum Engineers - SPE Nigeria Annual International Conference and Exhibition 2021, NAIC 2021			0	0	0	0	0	0	0
2021	A short review on aluminium alloys and welding in structural applications	Verma R.P., Kumar Lila M.	22147853	Materials Today: Proceedings	46		4	13	18	5	36	0	40
2021	Potential of chitosan/nanocellulose based composite membrane for the removal of heavy metal (chromium ion)	Goswami R., Mishra A., Bhatt N., Mishra A., Naithani P.	22147853	Materials Today: Proceedings	46		3	9	9	1	19	0	22
2021	Security in 5G-Enabled Internet of Things Communication: Issues, Challenges, and Future Research Roadmap	Wazid M., Das A.K., Shetty S., Gope P., Rodrigues J.J.P.C.	21693536	IEEE Access	9		10	12	21	2	35	0	45
2021	Selection of suitable metal matrix composite for design application using MCDM approach	Singh A.K., Avikal S., Sharma A., Verma R.P.	22147853	Materials Today: Proceedings	46		1	0	0	0	0	0	1
2021	The Survey Of Avifauna In The Natural Habitat And Their Adjoining Areas Of Harbhajwala, Dehradun, India	Rawat R., Bhatt D., Arya A.K.	22787666	Asian Journal of Conservation Biology	10	1	0	1	1	0	2	0	2
2021	Fast Near-Interface Traps in 4H-SiC MOS Capacitors Measured by an Integrated-Charge Method	Chaturvedi M., Dimitrijev S., Moghadam H.A., Haasmann D., Pande P., Jadli U.	21693536	IEEE Access	9		0	3	1	0	4	0	4
2021	Smart-Bin: IoT-Based Real-Time Garbage Monitoring System for Smart Cities	Shekhawat R.S., Uniyal D.	23673370	Lecture Notes in Networks and Systems	190		0	0	0	0	0	0	0
2021	Path loss predictions for fringe areas using adaptive neuro-fuzzy inference system	Gupta A., Ghanshala K., Joshi R.C.	9756809	International Journal of Systems Assurance Engineering and Management			0	0	0	0	0	0	0
2021	Demographic profile building for cold start in recommender system: A social media fusion approach	Sharma M., Pant B., Singh V.	22147853	Materials Today: Proceedings	46		1	3	3	0	6	0	7
2021	Real-Time Deep Learning Face Mask Detection Model During COVID-19	Juyal A., Joshi A.	23673370	Lecture Notes in Networks and Systems	204		0	0	0	0	0	0	0
2021	A Comparative Analysis of Supervised Word Sense Disambiguation in Information Retrieval	Arya C., Diwakar M., Arya S.	23673370	Lecture Notes in Networks and Systems	204		0	0	0	0	0	0	0
2021	Mucus Plug Blockage Detection in COVID-19 Patient's Chest X-Ray Using Instance Segmentation	Juyal P., Sharma S.	18650929	Communications in Computer and Information Science	1393		1	4	0	0	4	0	5
2021	Investigation of mechanical properties of concrete with natural aggregates partially replaced by recycled coarse aggregate (RCA)	Shah M.C., Gupta K.K., Nainwal A., Negi A., Kumar V.	22147853	Materials Today: Proceedings	46		3	2	4	0	6	0	9
2021	Development of water based drilling fluid using tamarind seed powder	Rohan, Joshi P., Goyal S., Singh R., Thakur K.	22147853	Materials Today: Proceedings	46		1	2	1	0	3	0	4
2021	Opportunities of Artificial Intelligence and Machine Learning in the Food Industry	Kumar I., Rawat J., Mohd N., Husain S.	1469428	Journal of Food Quality	2021		2	10	52	4	66	0	68
2021	An Assessment of Water bird species and associated water bird composition in the Haiderpur Wetland of Hastinapur Wildlife sanctuary Uttar Pradesh, India	Joshi K., Kumar D., Arya A.K., Bachheti A.	22787666	Asian Journal of Conservation Biology	10	1	0	0	1	0	1	0	1
2021	Effect of SiC Nanoparticles Concentration on the Tribological Behavior of Karanja Oil	Singh Y., Sharma A., Ansari N.A., Singh N.K.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	To Beacon or Not?: Speed Based Probabilistic Adaptive Beaconing Approach for Vehicular Ad-Hoc Networks	Sarishma, Tomar R., Kumar S., Awasthi M.K.	18678211	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	372		0	4	1	0	5	0	5
2021	Open Research Challenges and Blockchain Based Security Solution for 5G Enabled IoT	Gupta N., Sharma S., Juneja P.K., Garg U.	18650929	Communications in Computer and Information Science	1394		0	2	2	0	4	0	4

2021	IoT Based Smart Transport Management System	Agarwal V., Sharma S.	18650929	Communications in Computer and Information Science	1394		0	5	3	0	8	0	8
2021	Finite element analysis of spur gear to find out the optimum root radius	Chavadaki S., Nithin Kumar K.C., Rajesh M.N.	22147853	Materials Today: Proceedings	46		2	4	3	0	7	0	9
2021	Hydroxyapatite as an advanced adsorbent for removal of heavy metal ions from water: Focus on its applications and limitations	Nayak A., Bhushan B.	22147853	Materials Today: Proceedings	46		3	18	22	2	42	0	45
2021	Peganum spp.: A Comprehensive Review on Bioactivities and Health-Enhancing Effects and Their Potential for the Formulation of Functional Foods and Pharmaceutical Drugs	Sharifi-Rad J., Quispe C., Herrera-Bravo J., Semwal P., Painuli S., Ozcelik B., Hacihasanoglu F.E., Shaheen S., Sen S., Acharya K., Amirian M., Castillo C.M.S., Lopez M.D., Schoebitz M., Martorell M., Goloshvili T., Al-Harrasi A., Al-Rawahi A., Kumar M., Suleria H.A.R., Cho W.C.	19420900	Oxidative Medicine and Cellular Longevity	2021		0	7	5	1	13	0	13
2021	Information and communication technology in agribusiness: A study of mobile applications in perspective of India	Gupta C., Gupta M., Joshi P., Kumar A.	9749411	Journal of Applied and Natural Science	13	2	0	1	2	0	3	0	3
2021	Signature reliability evaluation of renewable energy system	TYAGI S., KUMAR A., BHANDARI A.S., RAM M.	3540243	Yugoslav Journal of Operations Research	31	2	0	2	2	0	4	0	4
2021	A comprehensive review on carbon nano-tube synthesis using chemical vapor deposition	Pant M., Singh R., Negi P., Tiwari K., Singh Y.	22147853	Materials Today: Proceedings	46		3	5	8	0	13	0	16
2021	A review on materialistic approach to drip irrigation system	Bansal G., Mahajan A., Verma A., Bandhu Singh D.	22147853	Materials Today: Proceedings	46		1	1	8	0	9	0	10
2021	Improving accuracy of air pollution prediction by two step outlier detection	Mahajan M., Kumar S., Pant B., Khan R.		Proceedings of the 2021 1st International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021			0	0	1	0	1	0	1
2021	Proposed eLearning framework using open corpus web resources	Pattanshetti M.K., Jasola S., Rajput A., Pant V.		Proceedings of the 2021 1st International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2021			0	1	0	0	1	0	1
2021	Demosaicing Method for Multispectral Images Using Derivative Operations	Gupta M., Goyal P.	1966324	American Journal of Mathematical and Management Sciences	40	2	0	1	1	0	2	0	2
2021	Mathematical programs involving e-convex functions	Joshi B.C., Pankaj	12237027	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics	83	2	0	0	0	0	0	0	0
2021	Exhaust gas recirculation effect on the performance of a CRDI diesel engine fuelled with linseed biodiesel/diesel blend through response surface methodology	Singh V.K., Ansari N.A., Sharma A., Gautam S., Kumar M., Singh Y.	9544062	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science			0	0	3	0	3	0	3
2021	Integration of microalgal bioremediation and biofuel production: A 'clean up' strategy with potential for sustainable energy resources	Nanda M., Chand B., Kharayat S., Bisht T., Nautiyal N., Deshwal S., Kumar V.	26660865	Current Research in Green and Sustainable Chemistry	4		0	3	4	0	7	0	7
2021	Evaluating and Improving a Content Delivery Network (CDN) Workflow using Stochastic Modelling	Goyal N., Joshi T., Ram M.	22451439	Journal of Cyber Security and Mobility	10	4	0	0	1	0	1	0	1
2021	Method to control flow separation over wind turbine blade: A CFD study	Negi P., Subhash M.	22147853	Materials Today: Proceedings	46		1	3	1	0	4	0	5
2021	Analysis of PVDF/AgNO3conductive membrane	Khanduri P., Panwar V., Mohanty S.	22147853	Materials Today: Proceedings	46		1	0	0	0	0	0	1
2021	Block Chain Platforms and Smart Contracts	Negi D., Sah A., Rawat S., Choudhury T., Khanna A.	25228595	EAI/Springer Innovations in Communication and Computing			1	5	2	0	7	0	8
2021	E-convex functions and nonsmooth mathematical programs	Joshi B.C., Mohan R., Pankaj	1092910X	Advances in Nonlinear Variational Inequalities	24	1	0	0	1	0	1	0	1
2021	Computational and mathematical approach for recent problems in mathematical sciences	Ram M., Kumar V., Ladde G.S.	15502287	International Journal for Computational Methods in Engineering Science and Mechanics	22	3	0	0	0	0	0	0	0
2021	An experimental investigation to substitute copper slag in concrete with Beas river fine aggregate	Nainwal A., Negi P., Kumar Emani P., Chandra Shah M., Negi A., Kumar V.	22147853	Materials Today: Proceedings	46		1	5	4	0	9	0	10
2021	Investigation and assessment of blockchain technology adoption in the pharmaceutical supply chain	Badhotiya G.K., Sharma V.P., Prakash S., Kalluri V., Singh R.	22147853	Materials Today: Proceedings	46		1	9	16	1	26	0	27
2021	Mobility Improvement by Optimizing Channel Model Coverage Through Fine Tuning	Gupta A., Ghanshala K., Joshi R.C.	22451439	Journal of Cyber Security and Mobility	10	3	1	1	0	0	1	0	2
2021	CHAIN: A Naive Approach of Data Analysis to Enhance Market Power	Matta P., Ahuja S., Basnet V., Pant B.	23673370	Lecture Notes in Networks and Systems	173		0	0	0	0	0	0	0
2021	A Secure IoT-Based Cloud Platform Selection Using Entropy Distance Approach and Fuzzy Set Theory	Chakraborty A., Jindal M., Khosravi M.R., Singh P., Shankar A., Diwakar M.	15308669	Wireless Communications and Mobile Computing	2021		1	9	12	0	21	0	22
2021	Recommendation based rescue operation model for flood victim using smart IoT devices	Goyal H.R., Ghanshala K.K., Sharma S.	22147853	Materials Today: Proceedings	46		1	3	3	0	6	0	7
2021	Post flood management system based on smart IoT devices using AI approach	Goyal H.R., Ghanshala K.K., Sharma S.	22147853	Materials Today: Proceedings	46		1	6	7	1	14	0	15
2021	Friction and wear analysis of TiO2particles blended with Sal oil	Singh Y., Negi P., Kumar Badhotiya G.	22147853	Materials Today: Proceedings	46		1	0	1	0	1	0	2
2021	Effect of organisational learning and knowledge management on organisational performance in HEI, India	Mishra A.K., Upadhyay R.K.	17411009	International Journal of Knowledge and Learning	14	2	0	3	3	0	6	0	6
2021	Analysis of Classifier Algorithms to Detect Anti-Money Laundering	Kumar A., Das S., Tyagi V., Shaw R.N., Ghosh A.	1860949X	Studies in Computational Intelligence	950		12	7	8	0	15	0	27
2021	Analysis based traffic flow control decision using IoT sensors	Agarwal P., Matta P., Sharma S.	22147853	Materials Today: Proceedings	46		4	3	2	0	5	0	9
2021	Ecological approach towards sustainability in hotel industry	Dani R., Tiwari K., Negi P.	22147853	Materials Today: Proceedings	46		2	4	3	0	7	0	9
2021	Smart skin health monitoring using AI-enabled cloud-based IoT	Juyal S., Sharma S., Shankar Shukla A.	22147853	Materials Today: Proceedings	46		6	14	13	0	27	0	33

2021	Security and privacy issues in unified IoT-based skin monitoring system	Juyal S., Sharma S., Shankar Shukla A.	22147853	Materials Today: Proceedings	46		4	7	3	0	10	0	14
2021	Bond Graph Modeling and Simulation of a Differential Drive Mobile Robot	Joshi J., Pant R., Gariya N., Manral A.R., Kumar P.	21954356	Lecture Notes in Mechanical Engineering			0	0	1	0	1	0	1
2021	Analysis of the Quadcopter Dynamics with Different Frame Structures	Kumar P., Ahmad F., Patil P.P.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	A Review of Natural Gas—Diesel Dual Fuel Engines	Gwalwanshi M., Mittal G.	21954356	Lecture Notes in Mechanical Engineering			0	0	1	0	1	0	1
2021	Fatigue Life Prediction of Front Axle of Truck at Different Crack Directions Using ANSYS	Verma R.P., Pant S.	21954356	Lecture Notes in Mechanical Engineering			0	0	1	0	1	0	1
2021	Optimization of the Suspension Parameters of a Quarter Car Model with Nonlinear Damper	Paliwal V., Dobriyal R., Sengar N., Kumar P.	21954356	Lecture Notes in Mechanical Engineering			0	1	2	0	3	0	3
2021	Effect of Grain Size on the Rheology of Fly Ash Slurry	Kumar N., Sharma G.K., Singh D.B., Sharma A.K., Sharma S.K.	23662557	Lecture Notes in Civil Engineering	143		0	2	0	0	2	0	2
2021	Modal Analysis of Humerus Bone Using FEA	Pant R., Yadav B., Gundwal M., Kishore C., Patil P.P.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	Advance Fatigue Analysis of an Auto Rickshaw Rear Axle Shaft	Singh D.P., Joshi J., Gariya N., Verma R.P., Kishore C.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	Quarter Car Model With Power Law Damper Excited by a Road Profile	Paliwal V., Dobriyal R., Kumar P., Jha N.K.	21954356	Lecture Notes in Mechanical Engineering			0	1	2	0	3	0	3
2021	Vortex Dynamics in Near Wake Region Behind a Triangular Cylinder at Intermediate Reynolds Number	Agrawal N., Subhash M.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	Design and Thermal Analysis of Pipe Insulation	Avikal S., Devi R., Bisht A.S., Nithin Kumar K.C.	21954356	Lecture Notes in Mechanical Engineering			0	1	0	0	1	0	1
2021	Structural Analysis of a Typical Foldable Bicycle Using CAE Tools	Bisht A.S., Avikal S., Singh R., Nithin Kumar K.C., Rawat A.S.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	A Review of Electric Power Generation from Solar Ponds Using Organic Rankine Cycle and Air Turbine	Mittal G., Singh D.B., Singh G., Kumar N.	23662557	Lecture Notes in Civil Engineering	142		0	1	1	0	2	0	2
2021	On the Security of a Secure and Lightweight Authentication Scheme for Next Generation IoT Infrastructure	Das A.K., Bera B., Wazid M., Jamal S.S., Park Y.	21693536	IEEE Access	9		0	5	4	1	10	0	10
2021	Robust material of propeller blade for its Eigen frequency	Joshi J., Manral A.R., Arya N.M., Vishnoi M.	22147853	Materials Today: Proceedings	44		0	0	0	0	0	0	0
2021	Formation of ionic polymer membrane by using banana peel	Raturi P., Panwar V., Khanduri P.	22147853	Materials Today: Proceedings	44		0	0	1	0	1	0	1
2021	Euphorbia lathyris: A novel feedstock for bio based lubricant application with titanium dioxide nanoparticles as additives	Singh Y., Negi P., Yadav A., Tripathi R.	22147853	Materials Today: Proceedings	46		1	0	0	0	0	0	1
2021	Computational analysis of a gas turbine blade with different materials	Singh H.P., Rawat A., Manral A.R., Kumar P.	22147853	Materials Today: Proceedings	44		0	1	4	1	6	0	6
2021	Biomechanical analysis of human tibia bone based on FEA	Joshi J., Manral A.R., Maurya S., Vishnoi M.	22147853	Materials Today: Proceedings	44		0	1	3	0	4	0	4
2021	Multi-scale neighbourhood based-tree binary pattern: A new feature descriptor for face recognition	Karanwal S.	17558301	International Journal of Biometrics	13	2-3	0	0	3	0	3	0	3
2021	Comparative performance analysis on the di diesel engine running on Karanja Kusum and Mahua methyl esters	Kishore C., Singh Y., Negi P.	22147853	Materials Today: Proceedings	46		1	0	5	0	5	0	6
2021	Fuzzy AHP based performance evaluation of massive online courses provider for online learners	Chandna R., Saini S., Kumar S.	22147853	Materials Today: Proceedings	46		3	2	10	0	12	0	15
2021	A review on multiple liquid jet impingement onto flat plate	Nawani S., Subhash M.	22147853	Materials Today: Proceedings	46		1	8	5	1	14	0	15
2021	Cdmd: An efficient crop disease detection and pesticide recommendation system using mobile vision and deep learning	Gupta S., Garg G., Mishra P., Joshi R.C.	23673370	Lecture Notes in Networks and Systems	150		0	1	1	0	2	0	2
2021	A fuzzy economic order quantity model with credibility induced demand and shortages	Arora R., Singh A.P., Sharma R., Chauhan A.	1741539X	International Journal of Services Operations and Informatics	11	1	0	3	0	0	3	0	3
2021	Sensitivity analysis of N identical evacuated tubular collectors integrated double slope solar distiller unit by incorporating the effect of exergy	Singh D.B.	17428297	International Journal of Exergy	34	4	4	8	3	0	11	0	15
2021	An order quantity scheme for ramp type demand and backlogging during stock out with discount strategy	Chauhan A., Tayal S.	1741539X	International Journal of Services Operations and Informatics	11	1	0	0	1	1	2	0	2
2021	Development of PVA/Fe3O4nanocomposite membrane	Mohanty S., Panwar V., Khanduri P.	22147853	Materials Today: Proceedings	46		1	1	1	0	2	0	3
2021	A Review and Case Study on Android Malware: Threat Model, Attacks, Techniques and Tools	Negi C., Mishra P., Chaudhary P., Vardhan H.	22451439	Journal of Cyber Security and Mobility	10	1	0	1	1	0	2	0	2
2021	Dealing with COVID-19 Pandemic Using Machine Learning Technique: A City Model Without Internal Lockdown	Dimri S.C., Tiwari U.K., Ram M.	21945357	Advances in Intelligent Systems and Computing	1287		0	0	1	0	1	0	1
2021	Pattern Dynamics of Prey–Predator Model with Swarm Behavior via Turing Instability and Amplitude Equation	Singh T., Shivam, Kumar M., Vimal V.	21945357	Advances in Intelligent Systems and Computing	1287		0	0	1	0	1	0	1
2021	Optimization of an Economic Production Quantity Model with Three Levels of Production and Demand as a Time Declining Market in Crisp and Fuzzy Environment	Sharma R., Arora R., Chauhan A., Singh A.P.	21945357	Advances in Intelligent Systems and Computing	1287		0	1	0	0	1	0	1
2021	Natural products and their applications	Tewari D., Atanasov A.G., Semwal P., Wang D.	25902628	Current Research in Biotechnology	3		0	2	2	0	4	0	4
2021	A new generic progressive approach based on spectral difference for single-sensor multispectral imaging system	Rathi V., Gupta M., Goyal P.		VISIGRAPP 2021 - Proceedings of the 16th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications	4		0	4	2	0	6	0	6
2021	An efficient approach for classifying chest X-ray images using different embedder with different activation functions in CNN	Gupta A., Gupta R., Garg N.	9720502	Journal of Interdisciplinary Mathematics	24	2	2	0	4	0	4	0	6
2021	Assessment of entropy generation and heat transfer in three-dimensional hybrid nanofluids flow due to convective surface and base fluids	Upreti H., Pandey A.K., Kumar M.	1091028X	Journal of Porous Media	24	3	7	25	31	1	57	0	64
2021	Selection of Turbine Seal Strip Material by MCDM Approach	Avikal S., Sharma A., Mishra A.K., Singh R., Singh A.K., Nithin Kumar K.C.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0

2021	Taguchi-Based Hardness Optimization of Friction Stir Welding Process	Avikal S., Kalra J.S., Singh R., Nithin Kumar K.C.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	On generalized approximate convex functions and variational inequalities	Joshi B.C.	28047303	RAIRO - Operations Research	55		2	2	5	0	7	0	9
2021	Optimality and duality for nonsmooth semi-infinite mathematical program with equilibrium constraints involving generalized invexity of order σ > 0	Joshi B.C.	28047303	RAIRO - Operations Research	55		4	1	3	0	4	0	8
2021	Modal Analysis of Twin S Shape Coriolis Mass Flow Sensor	Taluja R., Pant R., Patil P.P.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	Green synthesis of highly porous activated carbon from jackfruit peel: Effect of operating factors on its physico-chemical characteristics	Bhushan B., Nayak A., Kotnala S.	22147853	Materials Today: Proceedings	44		2	7	4	1	12	0	14
2021	Effect of Flow of Fluid Mass Per Unit Time on Life Cycle Conversion Efficiency of Double Slope Solar Desalination Unit Coupled with N Identical Evacuated Tubular Collectors	Singh D.B., Kumar N., Raturi A., Bansal G., Nirala A., Sengar N.	21954356	Lecture Notes in Mechanical Engineering			3	4	1	0	5	0	8
2021	Synthesis and Characterization of PVDF/PMMA-Based Piezoelectric Blend Membrane	Juyal A., Panwar V.	21954356	Lecture Notes in Mechanical Engineering			0	0	1	0	1	0	1
2021	Exergoeconomic and Enviroeconomic Analysis of Flat Plate Collector: A Comparative Study	Negi P., Kanojia R., Dobriyal R., Singh D.B.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	Design of Delay Compensator for a Selected Process Model	Benjeddi O., Chaturvedi M., Juneja P.K., Yadav G., Joshi V., Mishra R.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2021	Comparative evaluation of models to estimate direct runoff volume from an agricultural watershed	Rawat K.S., Singh S.K., Szilard S.	24749508	Geology, Ecology, and Landscapes	5	2	7	0	4	0	4	0	11
2021	Artificial Neural Network (ANN) for Forecasting of Flood at Kasol in Satluj River, India	Sharma A., Sharma A.	21954356	Lecture Notes in Mechanical Engineering			3	0	0	0	0	0	3
2021	Designing of Fractional Order Controller Using SQP Algorithm for Industrial Scale Polymerization Reactor	Naithani D., Chaturvedi M., Juneja P.K., Joshi V.	21954356	Lecture Notes in Mechanical Engineering			0	0	1	0	1	0	1
2021	Investigation of ionospheric vertical delay at S1 and L5 frequencies, based on thick-shell model using navic system, for mid latitude region of India	Bhardwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.	19378726	Progress In Electromagnetics Research M	100		0	2	1	0	3	0	3
2021	Assessment of silica content in groundwater of Peninsular Indian region using statistical techniques	Rawat K.S., Singh S.K., Tripathi V.K.	249521	Indonesian Journal of Geography	52	3	0	0	0	0	0	0	0
2021	Sensitivity analysis of n alike partly covered PVT flat plate collectors integrated double slope solar distiller unit	Bharti K., Manwal S., Kishore C., Yadav R.K., Tiwari P., Singh D.B.	19443994	Desalination and Water Treatment	211		5	7	3	0	10	0	15
2021	Ordering cost depletion in inventory policy with imperfect products and backorder rebate	Kumar S., Singh T., Abodayeh K., Shatanawi W.	15462218	Computers, Materials and Continua	66	3	0	0	0	0	0	0	0
2021	Response surface optimization and impact of immobilized enzymes naringianse and tannase on the quality parameters of citrus maxima juice	Kumar S., Kumar V., Gautam P.	20695837	Biointerface Research in Applied Chemistry	11	4	0	3	0	0	3	0	3
2021	Effective Knowledge Discovery Using Data Mining Algorithm	Sharma G., Tripathi V.	23673370	Lecture Notes in Networks and Systems	154		1	3	1	0	4	0	5
2021	ICT as “Knowledge management” for assessing sustainable consumption and production in supply chains	Uniyal S., Mangla S.K., Sarma P.R.S., Tseng M.-L., Patil P.	10627375	Journal of Global Information Management	29	1	5	8	12	0	20	0	25
2021	Thermal performance of Ag–water nanofluid flow over a curved surface due to chemical reaction using Buongiorno's model	Mishra A., Kumar Pandey A., Kumar M.	26884534	Heat Transfer	50	1	10	19	12	1	32	0	42
2021	Fuzzy Reliability Based on Hesitant and Dual Hesitant Fuzzy Set Evaluation	Kumar A., Bisht S., Goyal N., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	1	1	1	10	0	11	0	12
2021	Copula based Measures of Repairable Parallel System with Fault Coverage	Tyagi V., Arora R., Ram M., Triantafyllou I.S.	24557749	International Journal of Mathematical, Engineering and Management Sciences	6	1	1	2	6	0	8	0	9
2021	ANN-Based Multi-class Malware Detection Scheme for IoT Environment	Nauriyal V., Mittal K., Pundir S., Wazid M., Singh D.P.	21903018	Smart Innovation, Systems and Technologies	196		0	1	4	0	5	0	5
2021	Two novel color local descriptors for face recognition	Karanwal S., Diwakar M.	304026	Optik	226		5	12	9	0	21	0	26
2021	Unsteady squeezing flow of magnetic hybrid nanofluids within parallel plates and entropy generation	Upreti H., Pandey A.K., Kumar M.	26884534	Heat Transfer	50	1	6	27	28	3	58	0	64
2021	A Machine Learning Based Framework for Intelligent High Density Garbage Area Classification	Ghanshala T., Tripathi V., Pant B.	21945357	Advances in Intelligent Systems and Computing	1288		0	1	2	0	3	0	3
2021	Land Vegetation Change Detection Using Remote Sensing and GIS	Aarfin S., Prakash R., Mishra N.	23662557	Lecture Notes in Civil Engineering	87		0	0	1	0	1	0	1
2021	Spatio-Temporal Trend Analysis of Rainfall for Kumaon Region of Uttarakhand	Negi P., Mishra N., Sharma A.K.	23662557	Lecture Notes in Civil Engineering	87		0	0	0	0	0	0	0
2021	Water Body Mapping of Chennai Region Using GIS and Remote Sensing	Bhandari A., Mishra N., Gupta K.K.	23662557	Lecture Notes in Civil Engineering	87		0	0	0	0	0	0	0
2021	Biosorption: Principles, and Applications	Poonam, Rani A., Sharma P.K.	23662557	Lecture Notes in Civil Engineering	87		0	0	2	0	2	0	2
2021	Effect of Urban Land Use on Agriculture, Forest, and River Beds: A Case Study of Dehradun City, Uttarakhand, India	Sawant K., Prakash R., Mishra N.	23662557	Lecture Notes in Civil Engineering	87		0	0	0	0	0	0	0
2021	Investigation of Hydraulic Jump Over Rough Sloping Floor in Prismatic Rectangular Channel—An Experimental Study	Kumar M., Mishra N., Kumar S.	23662557	Lecture Notes in Civil Engineering	87		1	0	0	0	0	0	1
2021	Groundwater Storage Analysis in Changing Land Use/Land Cover for Haridwar Districts of Upper Ganga Canal Command (1972–2011)	Mishra N., Sharma A.K.	23662557	Lecture Notes in Civil Engineering	87		0	1	1	0	2	0	2
2021	Feasibility studies of the environment-friendly Grewia optiva fibers as an alternative to the conventional noninvasive fluid additive (NIFA) in water-based drilling fluid	Prakash V., Sharma N., Bhattacharya M.	10916466	Petroleum Science and Technology	39	5	2	1	1	0	2	0	4
2021	DSP-Based Implementation of MPPT Tracking and Sliding Mode Control for Photo-Voltaic Systems	Bhat S., Nagaraja H.N.	23662557	Lecture Notes in Civil Engineering	78		0	1	0	0	1	0	1
2021	An environmental-friendly electrical discharge machining using different sustainable techniques: a review	Singh N.K., Singh Y., Sharma A., Singla A., Negi P.	2374068X	Advances in Materials and Processing Technologies	7	4	1	6	2	0	8	0	9
2021	Big data technologies: A comprehensive survey	Mittal V., Gangodkar D., Pant B.	23673370	Lecture Notes in Networks and Systems	145		0	0	1	0	1	0	1

2021	Judd-Ofelt itemization and influence of energy transfer on Sm3+ ions activated B2O3–ZnF2–SrO–SiO2 glasses for orange-red emitting devices	Ravina, Naveen, Sheetal, Kumar V., Dahiya S., Deopa N., Punia R., Rao A.S.	222313	Journal of Luminescence	229		9	18	11	1	30	0	39
2021	Effect of immobilized enzymes naringinase and tannase produced from Aspergillus sp. Isolate Mk156394 isolated from rotten pomelo on quality characteristics of citrus limetta juice and process optimization by using response surface methodology	Kumar S., Joshi J., Kumar V., Gautam P., Singh S., Kohli D.	20695837	Biointerface Research in Applied Chemistry	11	2	0	4	2	0	6	0	6
2021	Performance Analysis of Hybrid Diversity Combiner Over Nakagami-m Fading Channels—A Review	Kumar P., Arora K., Irfanul Hasan M., Singh S.	18761100	Lecture Notes in Electrical Engineering	668		0	0	0	0	0	0	0
2021	Capacity Using L-Branch Channel MRC System Over Weibull Fading Channels—A Review	Joshi A., Narayan A., Hasan M.I., Singh S.	18761100	Lecture Notes in Electrical Engineering	668		0	0	0	0	0	0	0
2021	Performance of MIMO System—A Review	Sanwal S., Kumar A., Arib Faisal M., Hassan M.I.	18761100	Lecture Notes in Electrical Engineering	668		0	0	0	0	0	0	0
2021	Vehicle Tracking System Using GPS and GSM	Verma S., Jamwal A.S., Chauhan S., Mohanty S.	18761100	Lecture Notes in Electrical Engineering	668		1	0	1	0	1	0	2
2021	Sensing Performance of Ionic Polymer Metal Nanocomposite Sensors with Pressure and Metal Electrolytes for Energy Harvesting Applications	Khanduri P., Joshi A., Panwar L.S., Goyal A., Panwar V.	18761100	Lecture Notes in Electrical Engineering	668		1	0	0	0	0	0	1
2021	Vehicle number extraction using open source tools	Pandey C., Juyal A., Dumka A.	23673370	Lecture Notes in Networks and Systems	135		0	0	0	0	0	0	0
2021	Classification of energy efficiency in mobile cloud computing	Pal S., Dumka A.	23673370	Lecture Notes in Networks and Systems	135		1	1	0	1	2	0	3
2021	Perspectives of blockchain in the education sector pertaining to the student's records	Verma P., Dumka A.	23673370	Lecture Notes in Networks and Systems	135		1	0	0	0	0	0	1
2021	IoT-Based System to Measure Soil Moisture Using Soil Moisture Sensor, GPS Data Logging and Cloud Storage	Johri A., Anchal, Prakash R., Vidyarthi A., Chamoli V., Bhardwaj S.	21945357	Advances in Intelligent Systems and Computing	1165		0	1	3	0	4	0	4
2021	Multi-objective symmetric fractional programming problem and duality relations under (C,Gf, α, ρ, d)- - Invexity over Cone Constraints	Dubey R., Singh T., Vimal V., Nautiyal B.	21945357	Advances in Intelligent Systems and Computing	1182		0	0	0	0	0	0	0
2021	Investigation of ionospheric total electron content (tec) during summer months for ionosphere modeling in indian region using dual-frequency navic system	Bhardwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.	21945357	Advances in Intelligent Systems and Computing	1166		0	1	0	0	1	0	1
2021	Analysis of navic multipath signal sensitivity for soil moisture in presence of vegetation	Chamoli V., Prakash R., Vidyarthi A., Ray A.	21945357	Advances in Intelligent Systems and Computing	1166		5	3	0	0	3	0	8
2021	Information hiding using private content-based random encryption and data reduction for rgb images	Shakya A.K., Ramola A., Vidyarthi A.	18761100	Lecture Notes in Electrical Engineering	661		2	0	0	0	0	0	2
2021	Comparative analysis of fopid and classical controller performance for an industrial mimo process	Kapoor S., Chaturvedi M., Juneja P.K.	21945357	Advances in Intelligent Systems and Computing	1086		1	1	0	0	1	0	2
2021	Controller optimization for boiler turbine using simulated annealing and genetic algorithm	Sunori S.K., Juneja P.K., Jethi G.S., Bhakuni A., Chaturvedi M.	21945357	Advances in Intelligent Systems and Computing	1086		3	0	1	0	1	0	4
2021	Optimized low-energy adaptive clustering hierarchy in wireless sensor network	Pundir S., Wazid M., Bakshi A., Singh D.P.	21945357	Advances in Intelligent Systems and Computing	1162		3	0	5	0	5	0	8
2021	STP:Suicidal tendency prediction among the youth using social network data	Sharma M., Pant B., Singh V., Kumar S.	21945357	Advances in Intelligent Systems and Computing	1162		1	3	0	0	3	0	4
2020	A filter based genetic algorithm and neural network technique for Image Classification	Das P., Dobhal D.C., Bist A.S., Sah S.P., Verma D.K., Pargaien S.		Proceedings of IEEE International Conference on Advent Trends in Multidisciplinary Research and Innovation, ICATMRI 2020			1	7	6	0	13	0	14
2020	Challenges and Prospects for Digital Marketers while Dealing with SMEs: An Interview	Kumar Sharma N., Chen W.-K., Lai K.-K.		ACM International Conference Proceeding Series			1	0	0	0	0	0	1
2020	Controller Design based on Desired Phase Margin for Headbox Process	Saini P., Thakur P., Dixit A., Uniyal I.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			1	1	0	0	1	0	2
2020	Investigation of Robustness of IMC Controller for a Paper Mill Sub-Process	Juneja P., Belwal N., Joshi V., Pathak H., Sunori S., Sharma A.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			3	0	0	0	0	0	3
2020	Sentiment Analysis on Twitter Data Using Deep Learning approach	Tyagi V., Kumar A., Das S.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			3	4	12	2	18	0	21
2020	Delayed Complex Multivariable Constrained Process Control-A Review	Juneja P., Sharma A., Joshi V., Pathak H., Sunori S.K., Sharma A.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			3	1	2	0	3	0	6
2020	Blend Chest Level Control Strategies for Paper Mill	Sunori S.K., Maurya S., Juneja P., Sharma A., Sharma A.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			1	1	0	0	1	0	2
2020	R-R Model: Reliable and Reusable Component-Based Development Process Model	Singh G., Kumar Tiwari U., Kumar S.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			0	0	1	0	1	0	1
2020	Design and Analysis of controllers for paper machine subsystem	Joshi V., Yadav G., Pathak H., Saini P.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			0	1	1	0	2	0	2
2020	Shortfall of Power Quality Indices	Thakur P., Saini P., Rawat N., Dixit A.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			0	0	0	1	1	0	1

2020	Filter Design for Noisy ECG Signal	Singh Bisht V., Sunori S.K., Singh Bhakuni A., Juneja P.K.		Proceedings - IEEE 2020 2nd International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2020			0	1	0	0	1	0	1
2020	Michelia Champaca: Sustainable novel non-edible oil as nano based bio-lubricant with tribological investigation	Singh Y., Abd Rahim E.	162361	Fuel	282		11	9	12	2	23	0	34
2020	Development of electroless Ni-P/W nanocomposite coatings and its microhardness	Ansari A., Ram M., Sharma S., Sharma A.K.	0094243X	AIP Conference Proceedings	2297		0	0	0	0	0	0	0
2020	Annealing effect on tribological resistance of electroless Ni-P/SiC nanocomposite coatings	Ram M., Ansari A., Sharma S., Sharma A.K.	0094243X	AIP Conference Proceedings	2297		0	1	2	0	3	0	3
2020	Nanomaterials for energy harvesting and storage: An overview	Nayak A., Saini V.K., Bhushan B.		Applications of Nanomaterials in Agriculture, Food Science, and Medicine			1	1	2	0	3	0	4
2020	Generalizing spectral difference method for multispectral image demosaicking and analyzing the role of MSFA patterns	Gupta M.		Proceedings of the 2020 9th International Conference on System Modeling and Advancement in Research Trends, SMART 2020			0	4	1	0	5	0	5
2020	Detecting the infectious area along with disease using deep learning in tomato plant leaves	Juyal P., Sharma S.		Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			7	4	7	0	11	0	18
2020	Future trends of security and privacy in next generation VANET	Kohli P., Painuly S., Matta P., Sharma S.		Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			5	5	3	0	8	0	13
2020	Age and gender predictions using artificial intelligence algorithm	Ghildiyal A., Sharma S., Verma I., Marhatta U.		Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			4	7	9	0	16	0	20
2020	Advance applications and future challenges of 5G IoT	Painuly S., Kohli P., Matta P., Sharma S.		Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			10	4	8	0	12	0	22
2020	Security challenges and future aspects of fifth generation vehicular adhoc networking (5G-VANET) in connected vehicles	Sharma S., Agarwal P., Mohan S.		Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			6	3	4	0	7	0	13
2020	Teaching staff performance analysis by fuzzy mamdani inference system	Sharma V., Jain S.		Proceedings of the 3rd International Conference on Intelligent Sustainable Systems, ICISS 2020			0	0	1	0	1	0	1
2020	Conversion of Landsat 8 multispectral data through modified private content-based image retrieval technique for secure transmission and privacy	Shakya A.K., Ramola A., Vidyarthi A.	25778196	Engineering Reports	2	12	3	9	8	1	18	0	21
2020	Identification of lncRNAs from microarray data for schizophrenia: An in-silico study	Tufchi N., Devvret, Kumud P., Mohsin W.S.	9736263	Research Journal of Biotechnology	15	12	0	0	0	0	0	0	0
2020	SAC-FIIoT: Secure Access Control Scheme for Fog-Based Industrial Internet of Things	Wazid M., Obaidat M.S., Das A.K., Vijayakumar P.		2020 IEEE Global Communications Conference, GLOBECOM 2020 - Proceedings			0	3	6	1	10	0	10
2020	Extraction of protein from mushroom and determining its antioxidant and anti-inflammatory potential	Bansal V., Tyagi S., Ghosh K., Gupta A.	9743618	Research Journal of Pharmacy and Technology	13	12	1	2	2	0	4	0	5
2020	The vital potential of ayurveda in COVID-19 pandemic	Pawar S., Joshi H., Nanda D., Kumar N.	22312196	International Journal of Current Research and Review	12	23	1	0	0	0	0	0	1
2020	Effect of Groove Designs on Residual Stress and Transverse Shrinkage in GMAW and PGMAW of A333 Seamless Steel Pipes	Mishra R., Kumar Upadhyay A., Singla A., Singh Y.	2196867	Journal of Advanced Manufacturing Systems	19	4	1	4	0	0	4	0	5
2020	Experimental investigation on electric discharge drilling of titanium alloy (Ti–6Al–4V) with a gas-aided rotary tool	Singh N.K., Singh Y., Sharma A.	2562499	Sadhana - Academy Proceedings in Engineering Sciences	45	1	0	3	2	0	5	0	5
2020	Piezoresistive strain sensing behavior of flexible conductive microporous membrane using acidic ionic liquid	Prasad B., Gill F.S., Panwar V.	1677322	Journal of Molecular Liquids	319		4	6	1	0	7	0	11
2020	Curvularia eragrostidis, a new threat to large cardamom (Amomum subulatum Roxb.) causing leaf blight in Sikkim	Gurung K., Dasila K., Pandey A., Bag N.	2505991	Journal of Biosciences	45	1	2	0	1	0	1	0	3
2020	Functional characterization of Candida glabrata ORF, CAGL0M02233g for its role in stress tolerance and virulence	Gupta P., Meena R.C., Kumar N.	8824010	Microbial Pathogenesis	149		4	3	2	0	5	0	9
2020	Effect of design parameters on performance and emissions of DI diesel engine running on biodiesel-diesel blends: Taguchi and utility theory	Sharma A., Maurya N.K., Singh Y., Singh N.K., Gupta S.K.	162361	Fuel	281		5	5	4	0	9	0	14
2020	Numerical modeling and parameters extraction of novel triple hole block layer-based organic light-emitting diode for display	Negi S., Mittal P., Kumar B.	10710922	Journal of the Society for Information Display	28	12	1	8	7	0	15	0	16
2020	Investigation of process parameters in electroless copper plating on polystyrene	Dev A., Tandon S., Jha P., Singh P., Dutt A.	2562499	Sadhana - Academy Proceedings in Engineering Sciences	45	1	1	2	0	0	2	0	3
2020	The degree of collaboration between business units in diversified corporation: A strategic perspective	Verma P., Kumar V., Jha A., Muthukumaar V., Do M.-H., Sharma N.K., Gupta S.	25723170	Business Strategy and Development	3	4	0	2	0	1	3	0	3
2020	Performance evaluation of switched telephone exchange network	Nagiya K., Ram M.		Systems Performance Modeling			0	0	0	0	0	0	0
2020	Systems Performance Modeling	Anand A., Ram M.		Systems Performance Modeling			0	0	0	0	0	0	0
2020	Preface	Anand A., Ram M.		Systems Performance Modeling			0	0	0	0	0	0	0
2020	Impact of available resources on software patch management	Anand A., Kaur J., Gokhale A.A., Ram M.		Systems Performance Modeling			1	3	3	0	6	0	7
2020	Supply chain sustainability: Modeling and innovative research frameworks	Mangla S.K., Ram M.		Supply Chain Sustainability: Modeling and Innovative Research Frameworks			0	0	0	0	0	0	0
2020	Preface	Mangla S.K., Ram M.		Supply Chain Sustainability: Modeling and Innovative Research Frameworks			0	0	0	0	0	0	0

2020	Guest editorial	Ram M., Yadav O.P.	0265671X	International Journal of Quality and Reliability Management	37	6-7	0	0	0	0	0	0	0
2020	Reliability and Availability analysis of a cloud computing transition system under multiple failures	Manglik M., Rawat N., Ram M.	0265671X	International Journal of Quality and Reliability Management	37	6-7	1	6	1	0	7	0	8
2020	A Kano model, AHP and TOPSIS based approach for selecting the best mobile phone under a fuzzy environment	Singh R., Avikal S., Rashmi R., Ram M.	0265671X	International Journal of Quality and Reliability Management	37	6-7	3	2	9	0	11	0	14
2020	Chemical modification of juliflora oil with trimethylolpropane (TMP) and effect of TiO2 nanoparticles concentration during tribological investigation	Singh Y., Singh D., Singla A., Sharma A., Kumar Singh N.	162361	Fuel	280		2	5	3	1	9	0	11
2020	Prediction of performance and emission parameters of Kusum biodiesel based diesel engine using neuro-fuzzy techniques combined with genetic algorithm	Singh N.K., Singh Y., Sharma A., Rahim E.A.	162361	Fuel	280		6	10	15	2	27	0	33
2020	Effect of SiC nanoparticles concentration on novel feedstock Moringa Oleifera chemically treated with neopentylglycol and their trobological behavior	Singh Y., Sharma A., Singh N.K., Noor M.M.	162361	Fuel	280		5	4	5	0	9	0	14
2020	Energy efficient quad clustering based on k-means algorithm for wireless sensor network	Kumar B., Tiwari U.K., Kumar S.		PDGC 2020 - 2020 6th International Conference on Parallel, Distributed and Grid Computing			4	4	4	0	8	0	12
2020	Music Genre Classification using Machine Learning	Ghildiyal A., Singh K., Sharma S.		Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020			6	3	13	2	18	0	24
2020	Managers Training Programs Effectiveness Evaluation by using different Machine Learning Approaches	Sharma V., Jain S.		Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020			0	0	0	0	0	0	0
2020	Phytochemistry, pharmacological activities, nanoparticle fabrication, commercial products and waste utilization of Carica papaya L.: A comprehensive review	Sharma A., Bachheti A., Sharma P., Bachheti R.K., Husen A.	25902628	Current Research in Biotechnology	2		12	17	27	1	45	0	57
2020	Ethnopharmacological, phytochemistry and other potential applications of Dodonaea genus: A comprehensive review	Beshah F., Hunde Y., Getachew M., Bachheti R.K., Husen A., Bachheti A.	25902628	Current Research in Biotechnology	2		6	6	15	0	21	0	27
2020	Genomic variations of sars-cov-2 and effect of various factors on covid-19	Rani A., Arya R., Sharma P.K.	22312196	International Journal of Current Research and Review	12	21	0	0	0	0	0	0	0
2020	Health monitoring of people during lockdown due to corona virus (Covid-19)	Kumar V., Gupta S., Chawla N., Gupta A.	22312196	International Journal of Current Research and Review	12	19	3	0	0	0	0	0	3
2020	Risk of gestational diabetes mellitus during pregnancy due to overconsumption of potato during pre-pregnancy: A review	Rai S., Kumari S., Singh S., Gautam P., Anand J., Singh N., Kumar S.	22312196	International Journal of Current Research and Review	12	21	0	0	0	0	0	0	0
2020	Actuation and self-sensing performance of soft polymer actuator skin using polyelectrolyte attached terpolymer	Panwar V., Mohanty S., Anoop G., Kumar S.	9244247	Sensors and Actuators, A: Physical	315		4	5	3	0	8	0	12
2020	Diesel engine performance and emission analysis running on jojoba biodiesel using intelligent hybrid prediction techniques	Kumar Singh N., Singh Y., Sharma A., Kumar S.	162361	Fuel	279		7	8	5	0	13	0	20
2020	Experimental investigation of the behaviour of a DI diesel engine fuelled with biodiesel/diesel blends having effect of raw biogas at different operating responses	Sharma A., Singh Y., Ahmad Ansari N., Pal A., Lalhriatpuia S.	162361	Fuel	279		4	9	11	2	22	0	26
2020	Investigating the Impact of Doppler Shift Performance of Multipath Rayleigh Fading Channel	Belwal N., Jethi G.S., Juneja P.K., Joshi V.		2020 IEEE 5th International Conference on Computing Communication and Automation, ICCCA 2020			0	2	0	1	3	0	3
2020	Mathematical Model Determination and Control of Juice Extraction Process of Sugar Mill	Sunori S.K., Joshi P., Jethi G.S., Singh B., Juneja P.K.		2020 IEEE 5th International Conference on Computing Communication and Automation, ICCCA 2020			1	2	0	0	2	0	3
2020	Dynamic analysis of a quarter car model using power law damper	Dobriyal R., Paliwal V., Kumar P.	0094243X	AIP Conference Proceedings	2283		0	2	2	0	4	0	4
2020	Stress analysis of soft polymer material with beam structure	Gariya N., Prasad B., Kumar P.	0094243X	AIP Conference Proceedings	2283		0	0	0	0	0	0	0
2020	Incremental Outlier Detection in Air Quality Data Using Statistical Methods	Mahajan M., Kumar S., Pant B., Tiwari U.K.		2020 International Conference on Data Analytics for Business and Industry: Way Towards a Sustainable Economy, ICDABI 2020			0	2	8	1	11	0	11
2020	Successive spin reorientations and rare earth ordering in Nd0.5Dy0.5Fe O3: Experimental and ab initio investigations	Singh A., Rajput S., Balasubramanian P., Anas M., Damay F., Kumar C.M.N., Eguchi G., Jain A., Yusuf S.M., Maitra T., Malik V.K.	24699950	Physical Review B	102	14	4	4	5	0	9	0	13
2020	Improving the performance of control system for headbox consistency of paper mill using simulated annealing	Sunori S.K., Bhakuni A.S., Maurya S., Jethi G.S., Juneja P.K.		Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud, ISMAC 2020			5	2	0	0	2	0	7
2020	Mathematical Regression Model to predict Navigation with Indian Constellation (NavIC) Geo Synchronous Satellite System	Chamoli V., Prakash R., Vidyarthi A.		2020 Global Conference on Wireless and Optical Technologies, GCWOT 2020			0	1	0	0	1	0	1
2020	An assessment of ionospheric delay correction at L5 and S1 frequencies for NavIC Satellite System	Bhardwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.		2020 Global Conference on Wireless and Optical Technologies, GCWOT 2020			0	1	2	0	3	0	3
2020	Direct-Indirect Link Matrix: A Black Box Testing Technique for Component-Based Software	Rawat S., Kumar R.	19380232	International Journal of Information Technology Project Management	11	4	1	0	2	0	2	0	3
2020	Pandemic and vaccines – the case of deadly anthrax infection, vaccine development and evolution	Kumar V., Waheed S.M., Pant M.	22312196	International Journal of Current Research and Review	12	20	2	0	0	0	0	0	2
2020	In-silico analysis of deleterious single nucleotide polymorphisms (Snps) and molecular docking of disease-linked mutations in genes responsible for schizophrenia	Tufchi N., Pant K., Devvret, Pandey A.	22312196	International Journal of Current Research and Review	12	20	0	0	0	0	0	0	0

2020	Quantization error in stereo imaging system with noise distributions	Saini D., Kumar S.	17939623	International Journal of Modeling, Simulation, and Scientific Computing	11	5	0	0	0	0	0	0	0
2020	Development of cost effective regeneration protocol for aerides multiflora roxb. And rhynchostylis retusa (l.) blume	Lal A., Pant M., Palni L.M.S., Kumar A., Kholiya D.	22312196	International Journal of Current Research and Review	12	20	0	1	0	0	1	0	1
2020	Impact analysis of temperature data on the increase in the count of infected cases of COVID 19	Verma P., Dumka A., Bhardwaj A., Ashok A., Kestwal M.C., Kumar P.	23344547	International Journal of Business Analytics	7	4	0	0	0	0	0	0	0
2020	Technology transfer: An overview of process transfer from development to commercialization	Pandey K., Joshi H., Paliwal S., Pawar S., Kumar N.	22312196	International Journal of Current Research and Review	12	19	0	0	0	0	0	0	0
2020	Overview on virus like particles from plants used as vaccine antigen	Ghosh K., Tarapdar S., Duggal M., Tyagi S., Kumar V., Gupta A.	22312196	International Journal of Current Research and Review	12	19	0	0	0	0	0	0	0
2020	Applications of 3 dimensional (3D) printing in biomedical field	Dhyani A., Singh N., Kumar V., Dhyani A.	22312196	International Journal of Current Research and Review	12	19	1	2	1	0	3	0	4
2020	Blockchain based smart contracts for internet of medical things in e-healthcare	Sharma A., Sarishma, Tomar R., Chilamkurti N., Kim B.-G.	20799292	Electronics (Switzerland)	9	10	34	27	29	0	56	0	90
2020	Execution-history based reliability estimation for component-based software: considering reusability-ratio and interaction-ratio	Tiwari U.K., Kumar S., Matta P.	9756809	International Journal of System Assurance Engineering and Management	11	5	1	4	0	0	4	0	5
2020	Experimental investigation of a trench weir with T-shaped bars	Bhave S., Kumar S., Singh U.K., Pandey M., Ahmad Z.	16785878	Journal of the Brazilian Society of Mechanical Sciences and Engineering	42	10	0	1	0	0	1	0	1
2020	Investigations on morphology and material removal rate of various MMCs using CO2 laser technique	Sharma V., Kumar V., Bist A.	16785878	Journal of the Brazilian Society of Mechanical Sciences and Engineering	42	10	1	1	0	0	1	0	2
2020	Bioprospecting plant growth promoting endophytic bacteria isolated from Himalayan yew (Taxus wallichiana Zucc.)	Adhikari P., Pandey A.	9445013	Microbiological Research	239		4	9	5	1	15	0	19
2020	Biogenic fabrication of nanomaterials from flower-based chemical compounds, characterization and their various applications: A review	Kumar Bachheti R., Fikadu A., Bachheti A., Husen A.	1319562X	Saudi Journal of Biological Sciences	27	10	16	14	24	1	39	0	55
2020	Private blockchain-envisioned security framework for AI-enabled IoT-based drone-aided healthcare services	Wazid M., Bera B., Mitra A., Das A.K., Ali R.		DroneCom 2020 - Proceedings of the 2nd ACM MobiCom Workshop on Drone Assisted Wireless Communications for 5G and Beyond			14	13	23	0	36	0	50
2020	Analyzing sustainable food supply chain management challenges in India	Sharma Y.K., Mangla S.K., Patil P.P., Uniyal S.		Research Anthology on Food Waste Reduction and Alternative Diets for Food and Nutrition Security			0	0	0	0	0	0	0
2020	Numerical simulation of Fisher's type equation via a collocation technique based on re-defined quintic B-splines	Dhiman N., Chauhan A., Tamsir M., Chauhan A.	15736105	Multidiscipline Modeling in Materials and Structures	16	5	1	2	2	0	4	0	5
2020	Corrigendum to “Effective utilization of tobacco (Nicotiana Tabaccum) for biodiesel production and its application on diesel engine using response surface methodology approach” [Fuel 273 (2020) 117793] (Fuel (2020) 273, (S0016236120307894), (10.1016/j.fuel.2020.117793))	Sharma A., Singh Y., Singh N.K., Singla A., Ong H.C., Chen W.-H.	162361	Fuel	276		0	0	0	0	0	0	0
2020	Performance and emission characteristics of the diesel engine running on neem (azadirachta indica) biodiesel with effect of exhaust gas recirculation at optimum injection strategies	Singh Y., Singla A., Sharma A., Singh N.K.	2383451X	Pollution	6	4	0	0	2	0	2	0	2
2020	A robust medical image watermarking framework based on SVD and de in Integer DCT domain (Workshop Paper)	Kumar S., Singh M.K., Ali M., Saini D.		Proceedings - 2020 IEEE 6th International Conference on Multimedia Big Data, BigMM 2020			0	0	1	0	1	0	1
2020	Neural Networks based Hand-crafted genetic learning approach to simulate Space Mario Game	Rawat S.S., Rawat K.S., Rawat V., Nijhawan R.		Proceedings - International Conference on Smart Electronics and Communication, ICOSEC 2020			1	0	1	0	1	0	2
2020	Diversity, ethnomedicinal knowledge and conservation status of plant species in a part of North West Himalaya	Balkrishna A., Saxena P., Patel S., Vashistha R.K., Gond D.K., Butola J.S., Rawat B.	9754261	Medicinal Plants	12	3	1	0	1	0	1	0	2
2020	An inventory model on preservation technology with trade credits under demand rate dependent on advertisement, time and selling price	Kumar M., Chauhan A., Singh S.J., Sahni M.	23319712	Universal Journal of Accounting and Finance	8	3	2	3	1	0	4	0	6
2020	TCpC: a graphical password scheme ensuring authentication for IoT resources	Matta P., Pant B.	25112104	International Journal of Information Technology (Singapore)	12	3	1	5	6	0	11	0	12
2020	Slip flow of micropolar fluid through a permeable wedge due to the effects of chemical reaction and heat source/sink with Hall and ion-slip currents: an analytic approach	Singh K., Pandey A.K., Kumar M.	2212540X	Propulsion and Power Research	9	3	3	24	19	3	46	0	49
2020	Estimation of Temporal Variability of Differential Instrumental Biases of NavIC Satellites and Receiver Using Kalman Filter	Bhardwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.	486604	Radio Science	55	9	1	2	2	0	4	0	5
2020	A recent report on ‘plants with anti-candida properties’	Kumar D., Ayesha, Jha M., Gautam P., Joshi H., Kumar N.	22312196	International Journal of Current Research and Review	12	18	3	1	0	0	1	0	4
2020	Green tea enhances nutritional and antioxidant potential of pearl millet based cookies: A healthy approach	Anand J., Kandwal G., Nath M., Kumar V., Sinha J., Kumar S., Rai N.	22312196	International Journal of Current Research and Review	12	18	1	1	4	0	5	0	6
2020	An optimized digital watermarking scheme based on invariant dc coefficients in spatial domain	Ali M., Ahn C.W., Pant M., Kumar S., Singh M.K., Saini D.	20799292	Electronics (Switzerland)	9	9	6	2	4	2	8	0	14
2020	Challenges and edge of tuberculosis diagnostic techniques	Bhatt J., Dobhal N., Nawaz A.	22312196	International Journal of Current Research and Review	12	17	0	1	0	0	1	0	1
2020	In-silico analysis of interaction of human tetherin protein with sars-cov-2orf7a proteins and its mutants	Bisht K., Pant K., Kumar N., Pande A., Pant B., Verma D.	22312196	International Journal of Current Research and Review	12	17	1	1	0	0	1	0	2
2020	Ohmic Heating and Non-uniform Heat Source/Sink Roles on 3D Darcy–Forchheimer Flow of CNTs Nanofluids Over a Stretching Surface	Upreti H., Pandey A.K., Kumar M., Makinde O.D.	2193567X	Arabian Journal for Science and Engineering	45	9	27	34	25	5	64	0	91

2020	Quality of service delivery at railway platforms: A case of Allahabad junction railway station	Ojha M.K.	2213624X	Case Studies on Transport Policy	8	3	0	5	1	0	6	0	6
2020	Piezoresistive sensitivity tuning using polyelectrolyte as interface linker in carbon based polymer composites	Chaturvedi M., Panwar V., Prasad B.	9244247	Sensors and Actuators, A: Physical	312		2	1	2	0	3	0	5
2020	Evolution in crop improvement approaches and future prospects of molecular markers to CRISPR/Cas9 system	Dheer P., Rautela I., Sharma V., Dhiman M., Sharma A., Sharma N., Sharma M.D.	3781119	Gene	753		2	4	3	0	7	0	9
2020	Satellite Navigation and Sources of Errors in Positioning: A Review	Bhardwaj S.C., Shekhar S., Vidyarthi A., Prakash R.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			1	4	5	0	9	0	10
2020	Analysis of Metropolitan Land Use Classification for Agriculture, Forest, and River Beds: A Case Study of Dehradun, Uttarakhand, India	Sawant K., Prakash R., Vidyarthi A., Ramola A., Shakya A.K.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			0	0	1	0	1	0	1
2020	Modeling, Control and Instrumentation of Lime Kiln Process: A Review	Juneja P.J., Sunori S., Sharma A., Sharma A., Joshi V.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			3	2	1	0	3	0	6
2020	Satellite Image Enhancement for Small Particle Observation Using Decorrelation Stretcher	Shakya A.K., Ramola A., Vidyarthi A., Sawant K.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			0	2	1	0	3	0	3
2020	Worst Case Sensitivity Analysis of Controllers for Stock Consistency of Paper Machine Subsystem	Saini P., Juneja P.K., Kumar R., Dixit A.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			0	1	0	0	1	0	1
2020	SDNFV 5G-IoT: A Framework for the Next Generation 5G enabled IoT	Gupta N., Sharma S., Juneja P.K., Garg U.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			10	4	8	0	12	0	22
2020	Spectral Features based Speech Recognition for Speech Interfacing to Control PC Windows	Sharma A., Sharma A., Juneja P.K., Jain V.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			0	2	1	0	3	0	3
2020	Structural Analysis of a Quadcopter Propeller using Finite Element Method	Ahmad F., Kmar P., Patil P.P.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			1	1	0	0	1	0	2
2020	Prediction based Control Strategy in Industrial Applications-A Review	Juneja P.K., Sunori S., Sharma A., Sharma A., Pathak H.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			3	1	0	0	1	0	4
2020	A Review on Model Order Reduction Techniques for Reducing Order of Industrial Process Transfer Function Model	Juneja P.K., Sharma A., Sharma A., Mishra R.R., Gill F.S.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			1	1	2	1	4	0	5
2020	Neuro-Fuzzy Modeling of PH Neutralization Process in Sugar Mill	Sunori S.K., Jethi G.S., Bhakuni A.S., Juneja P.K.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			4	1	0	0	1	0	5
2020	Performance enhancement of pzt wearable blood pressure sensor using cantilever structure	Panwar L.S., Panwar V., Panwar S.S.		Proceedings - 2020 International Conference on Advances in Computing, Communication and Materials, ICACCM 2020			1	6	1	0	7	0	8
2020	Highlighting the possible side effects of consuming green tea: A herbal drink	Anand J., Sinha S., Rai N.	0971765X	Ecology, Environment and Conservation	26		0	1	0	0	1	0	1
2020	Energy metrics and efficiency analyses of double slope solar distiller unit augmented with n identical parabolic concentrator integrated evacuated tubular collectors: A comparative study	Sharma S.K., Singh D.B., Mallick A., Gupta S.K.	19443994	Desalination and Water Treatment	195		5	6	3	0	9	0	14
2020	A novel convolutional neural network-gated recurrent unit approach for image captioning	Rawat S.S., Rawat K.S., Nijhawan R.		Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020			0	6	1	0	7	0	7
2020	Myricetin bioactive effects: Moving from preclinical evidence to potential clinical applications	Taheri Y., Suleria H.A.R., Martins N., Sytar O., Beyatli A., Yeskaliyeva B., Seitimova G., Salehi B., Semwal P., Painuli S., Kumar A., Azzini E., Martorell M., Setzer W.N., Maroyi A., Sharifi-Rad J.	26627671	BMC Complementary Medicine and Therapies	20	1	26	32	50	3	85	0	111
2020	In-Depth Analysis of Structures, Materials, Models, Parameters, and Applications of Organic Light-Emitting Diodes	Negi S., Mittal P., Kumar B.	3615235	Journal of Electronic Materials	49	8	6	13	8	0	21	0	27
2020	Effective utilization of tobacco (Nicotiana Tabaccum) for biodiesel production and its application on diesel engine using response surface methodology approach	Sharma A., Singh Y., Kumar Singh N., Singla A., Chyuan Ong H., Chen W.-H.	162361	Fuel	273		13	12	15	1	28	0	41
2020	Sal biodiesel production using Indian abundant forest feedstock	Singh Pali H., Sharma A., Singh Y., Kumar N.	162361	Fuel	273		16	5	8	0	13	0	29
2020	Lichen Colonization on Unusual Man-Made Substratum in Western Himalaya	Rai H., Khare R., Gupta S., Upreti D.K., Gupta R.K., Behera B.C., Sharma P.K.	0250541X	National Academy Science Letters	43	4	0	0	0	0	0	0	0

2020	Thermoresponsive cryogels of poly(2-hydroxyethyl methacrylate-co-N-isopropyl acrylamide) (P(HEMA-co-NIPAM)): fabrication, characterization and water sorption study	Jain A., Bajpai J., Bajpai A.K., Mishra A.	1700839	Polymer Bulletin	77	8	3	4	2	0	6	0	9
2020	Current scenario and future prospects of plant growth-promoting rhizobacteria: an economic valuable resource for the agriculture revival under stressful conditions	Khoshru B., Mitra D., Khoshmanzar E., Myo E.M., Uniyal N., Mahakur B., Mohapatra P.K.D., Panneerselvam P., Boutaj H., Alizadeh M., Cely M.V.T., Senapati A., Rani A.	1904167	Journal of Plant Nutrition	43	20	11	17	30	1	48	0	59
2020	When practices count: Implementation of sustainable consumption and production in automotive supply chains	Uniyal S., Mangla S.K., Patil P.	14777835	Management of Environmental Quality: An International Journal	31	5	3	1	1	0	2	0	5
2020	Magnetization properties of Co incorporated ZnS nanocrystals synthesized at low temperature via chemical route	Kumar S., Mandal P., Singh A., Husain S., Kumar D., Malik V.K., Sharma S.	9258388	Journal of Alloys and Compounds	830		3	3	2	0	5	0	8
2020	Study of short range correlations and two-fold spin reorientation in NdFe0.5Mn0.5O3	Singh A., Padmanabhan B., Yadav R., Nassif V., Malik V.K.	9538984	Journal of Physics Condensed Matter	32	31	1	1	0	0	1	0	2
2020	Exploring its immunogenicity and antioxidant potential of protein from mangifera indica and syzygium cumini	Singh G., Tyagi S., Gupta A., Tripathi A., Ghosh K., Gupta A.	9757538	International Journal of Research in Pharmaceutical Sciences	11	3	0	0	0	0	0	0	0
2020	Aggregation properties of cold-active lipase produced by a psychrotolerant strain of Pseudomonas palleroniana (GBPI_508)	Jain R., Pandey N., Pandey A.	10242422	Biocatalysis and Biotransformation	38	4	6	5	3	0	8	0	14
2020	Estimation of Tree Volume Using Mask R-CNN based Deep Learning	Juyal P., Sharma S.		2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020			11	3	3	0	6	0	17
2020	Smart Home Gardening Management System: A Cloud-Based Internet-of-Things (IoT) Application in VANET	Sharma S., Sharma A., Goel T., Deoli R., Mohan S.		2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020			10	7	3	1	11	0	21
2020	Analysis and Interpretation of Global Air Quality	Sharma S., Mishra R.R., Joshi V., Kour K.		2020 11th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2020			3	0	0	0	0	0	3
2020	Social media emerging as a third eye !! decoding users' sentiment on government policy: A case study of GST	Uniyal D., Uniyal S.		Proceedings of the World Conference on Smart Trends in Systems, Security and Sustainability, WS4 2020			2	0	1	0	1	0	3
2020	Privacy and Security of IoT based Skin Monitoring System using Blockchain Approach	Juyal S., Sharma S., Harbola A., Shukla A.S.		Proceedings of CONECCT 2020 - 6th IEEE International Conference on Electronics, Computing and Communication Technologies			8	6	5	0	11	0	19
2020	On the design of secure communication framework for blockchain-based internet of intelligent battlefield things environment	Wazid M., Das A.K., Shetty S., Rodrigues J.J.P.C.		IEEE INFOCOM 2020 - IEEE Conference on Computer Communications Workshops, INFOCOM WKSHPS 2020			4	6	5	0	11	0	15
2020	DUICM deep underwater image classification mobdel using convolutional neural networks	Aridoss M., Dhasarathan C., Dumka A., Loganathan J.	19380259	International Journal of Grid and High Performance Computing	12	3	1	4	2	0	6	0	7
2020	RFA reinforced firefly algorithm to identify optimal feature subsets for network IDS	Rajakumar R., Dinesh K., Dumka A., Jayakumar L.	19380259	International Journal of Grid and High Performance Computing	12	3	0	0	2	0	2	0	2
2020	Energy aware dynamic mode decision for cellular d2d communications by using integrated multi-criteria decision making model	Jayakumar L., Dumka A., Janakiraman S.	19416237	International Journal of Ambient Computing and Intelligence	11	3	6	0	3	0	3	0	9
2020	Optimality and duality results in nonsmooth mathematical programs with equilibrium constraints	Joshi B.C.	1092910X	Advances in Nonlinear Variational Inequalities	23	2	0	0	0	0	0	0	0
2020	Surface potential–based analysis of ferroelectric dual material gate all around (FE-DMGAA) TFETs	Mishra V., Verma Y.K., Gupta S.K.	8943370	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	33	4	3	4	5	1	10	0	13
2020	VMGuard: A VMI-Based Security Architecture for Intrusion Detection in Cloud Environment	Mishra P., Varadharajan V., Pilli E.S., Tupakula U.	21687161	IEEE Transactions on Cloud Computing	8	3	8	27	18	1	46	0	54
2020	Investigating interdependencies of sustainable supplier selection criteria: an appraisal using ISM	Chauhan A.S., Badhotiya G.K., Soni G., Kumari P.	23985364	Journal of Global Operations and Strategic Sourcing	13	2	5	8	14	0	22	0	27
2020	Modeling self-sustainable fully-covered photovoltaic thermal-compound parabolic concentrators connected to double slope solar distiller	Gupta V.S., Singh D.B., Sharma S.K., Kumar N., Bhatti T.S., Tiwari G.N.	19443994	Desalination and Water Treatment	190		5	8	3	0	11	0	16
2020	Thermophoresis and suction/injection roles on free convective MHD flow of Ag-kerosene oil nanofluid	Upreti H., Pandey A.K., Kumar M.	22884300	Journal of Computational Design and Engineering	7	3	17	32	11	1	44	0	61
2020	Reliability Function Evaluation for Binary Switching System	Kumar A., Prajapati D., Sahu S., Thapa N., Bhandari A.S., Ram M.		ICRITO 2020 - IEEE 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)			0	0	0	0	0	0	0
2020	Reliability Characteristics of Industrial System Using Copula in Repair	Bisht S., Kumar A., Goyal N., Ram M.		ICRITO 2020 - IEEE 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)			0	1	1	0	2	0	2
2020	Survival strategies of Mycobacterium tuberculosis and Role of Host Pathogen interactions	Devvret V., Neema T., Kumud P., Ashish T.	9736263	Research Journal of Biotechnology	15	6	0	0	0	0	0	0	0
2020	A relative study of crisp and fuzzy optimal reordering policy for perishable items	Singh P., Chauhan A., Goyal A.K.	9731903	International Journal of Agricultural and Statistical Sciences	16	1	0	0	0	0	0	0	0
2020	Lie symmetries and dynamics of exact solutions of dissipative Zabolotskaya–Khokhlov equation in nonlinear acoustics	Tanwar D.V., Wazwaz A.-M.	21905444	European Physical Journal Plus	135	6	6	7	2	0	9	0	15

2020	Entropy Generation Impact on Flow of Micropolar Fluid via an Inclined Channel with Non-Uniform Heat Source and Variable Fluid Properties	Singh K., Pandey A.K., Kumar M.	23495103	International Journal of Applied and Computational Mathematics	6	3	10	15	12	1	28	0	38
2020	Experimental investigation and statistical modeling of air-assisted EDM of Al–SiC composite with an improvised tool	Singh N.K., Singh Y., Sharma A.	16785878	Journal of the Brazilian Society of Mechanical Sciences and Engineering	42	6	1	1	0	1	2	0	3
2020	Lie symmetries, optimal system and dynamics of exact solutions of (2+1)-dimensional KP-BBM equation	Tanwar D.V., Wazwaz A.-M.	318949	Physica Scripta	95	6	12	12	5	2	19	0	31
2020	Genetic Diversity of Scanty Available Himalayan Saussurea obvallata (DC.) Edgew.	Semwal P., Painuli S., Jugran A., Palni L.M.S., Verma S., Thapliyal A., Tewari D.	10286276	Iranian Journal of Science and Technology, Transaction A: Science	44	3	2	1	1	0	2	0	4
2020	Time domain implementation of transmitting boundaries in ABAQUS for discrete soil-structure interaction systems	Patchamatla J.R.R., Emani P.K.	24557749	International Journal of Mathematical, Engineering and Management Sciences	5	3	0	1	0	0	1	0	1
2020	An Analysis of Hierarchical Software-Defined Network Control Plane: A Reliability Approach	Gaur P., Tandon A., Goyal N., Chandwani G., Ram M.	2185393	International Journal of Reliability, Quality and Safety Engineering	27	3	2	0	0	0	0	0	2
2020	Clustering based Multi-modality Medical Image Fusion	Dhaundiyal R., Tripathi A., Joshi K., Diwakar M., Singh P.	17426588	Journal of Physics: Conference Series	1478	1	2	7	7	0	14	0	16
2020	Brahma Kamal (Saussurea obvallata (DC.) Edgew.), an important himalayan medicinal plant: Ethnomedicinal, phytochemical and pharmacological overview	Semwal P., Painuli S., Tewari D., Bussmann R.W., Palni L.M.S., Thapliyal A.	15473465	Ethnobotany Research and Applications	19		1	4	2	0	6	0	7
2020	Characteristic equation development for double slope solar distiller unit augmented with n identical parabolic concentrator integrated evacuated tubular collectors	Sharma S.K., Mallick A., Gupta S.K., Kumar N., Singh D.B., Tiwari G.N.	19443994	Desalination and Water Treatment	187		7	6	4	1	11	0	18
2020	Intelligent hybrid approaches for ensuring better prediction of gas-assisted EDM responses	Singh N.K., Upadhyay R.K., Singh Y., Sharma A.	25233971	SN Applied Sciences	2	5	1	2	3	0	5	0	6
2020	Direct and indirect organogenesis in Hippophae salicifolia D. Don., a nutraceutically important plant	Ajay T., Manu P., Ankita L.	9736263	Research Journal of Biotechnology	15	5	0	2	1	0	3	0	3
2020	Fluorescence quenching of molybdenum disulfide quantum dots for metal ion sensing	Mishra H., Singh V.K., Ali R., Vikram K., Singh J., Misra A., Mishra H., Srivastava A.	269247	Monatshefte fur Chemie	151	5	0	3	1	0	4	0	4
2020	Effect of coating and polishing of cutting tool on machined surface quality in dry machining of aluminium alloy	Dev A., Tandon S., Kumar P., Dutt A.	0011748X	Defence Science Journal	70	3	0	1	1	0	2	0	2
2020	Endophytes associated with Himalayan silver birch (Betula utilis D. Don) roots in relation to season and soil parameters	Dasila K., Pandey A., Samant S.S., Pande V.	9291393	Applied Soil Ecology	149		5	4	3	1	8	0	13
2020	A new control design strategy for automatic voltage regulator in power system	Sikander A., Thakur P.	190578	ISA Transactions	100		12	12	18	1	31	0	43
2020	A comparative study of decomposition level using entropy and wiener function in wavelet transform	Singh P., Sharma R., Sambhav S., Singh S., Diwakar M.	20054297	International Journal of Control and Automation	13	2	0	0	0	0	0	0	0
2020	Medicinal plants as an alternative therapeutic source against salmonella	Kumari P., Khan M., Gupta A.	9757538	International Journal of Research in Pharmaceutical Sciences	11	2	0	0	0	0	0	0	0
2020	Identification of cognitive workload via eeg based brain mapping in real time	Anshul, Bansal D., Mahajan R.	20054238	International Journal of Advanced Science and Technology	29	5	0	0	1	0	1	0	1
2020	In-silico analysis and homology modelling of antioxidant proteins present in pisum sativum	Verma D., Tufchi N., Pant K., Thapliyal A.	9738916	Current Trends in Biotechnology and Pharmacy	14	2	0	0	0	0	0	0	0
2020	Characteristic equation development for single-slope solar distiller unit augmented with n identical parabolic concentrator integrated evacuated tubular collectors	Kumar R., Sharma R., Kumar D., Singh A.R., Singh D.B., Tiwari G.N.	1996231	Journal of Solar Energy Engineering, Transactions of the ASME	142	2	6	1	2	0	3	0	9
2020	Thin layer drying behavior of Ginkgo biloba L. leaves with respect to Ginkgolide A and Bilobalide content and microbial load	Agnihotri V., Adhikari P., Pandey N., Sati P., Pandey A.	24058440	Heliyon	6	4	1	2	0	0	2	0	3
2020	Occurrence of Apomixis in Eleusine coracana	Rathi S., Rani M., Vashisth A., Mittal N., Kumar D., Srivastava A.K.	3672530	Flora: Morphology, Distribution, Functional Ecology of Plants	265		0	1	0	0	1	0	1
2020	A state-of-the-art review on thermochemical conversion of biomass for biofuel production: A TG-FTIR approach	Ong H.C., Chen W.-H., Singh Y., Gan Y.Y., Chen C.-Y., Show P.L.	1968904	Energy Conversion and Management	209		82	70	69	12	151	0	233
2020	Fabrication and modeling of β-phase PVDF-TrFE based flexible piezoelectric energy harvester	Chauhan S.S., Bhatt U.M., Gautam P., Thote S., Joglekar M.M., Manhas S.K.	9244247	Sensors and Actuators, A: Physical	304		6	5	3	0	8	0	14
2020	KVMInspector: KVM Based introspection approach to detect malware in cloud environment	Mishra P., Verma I., Gupta S.	22142134	Journal of Information Security and Applications	51		10	6	9	0	15	0	25
2020	A non-parametric approach for survival analysis of component-based software	Chopra S., Nautiyal L., Malik P., Ram M., Sharma M.K.	24557749	International Journal of Mathematical, Engineering and Management Sciences	5	2	1	4	0	0	4	0	5
2020	An evaluation of thermal characteristics of bacterium Actinobacillus succinogenes for energy use and circular bioeconomy	Lin B.-J., Chen W.-H., Lin Y.-Y., Chang J.-S., Farooq A., Singh Y., Ong H.C., Show P.L.	9608524	Bioresource Technology	301		4	4	5	0	9	0	13
2020	Preface	Ram M., Singh S.B.	2185393	International Journal of Reliability, Quality and Safety Engineering	27	2	0	0	0	0	0	0	0
2020	A Novel SVM Based IDS for Distributed Denial of Sleep Strike in Wireless Sensor Networks	Mohd N., Singh A., Bhadauria H.S.	9296212	Wireless Personal Communications	111	3	6	11	10	0	21	0	27
2020	Multi-State Reliability Measures Analysis of Nuclear Power Plant (NPP) System	Kumar A., Saxena A., Ram M.	2185393	International Journal of Reliability, Quality and Safety Engineering	27	2	3	0	0	1	1	0	4
2020	Release Time Problem Incorporating the Effect of Imperfect Debugging and Fault Generation: An Analysis for Multi-Upgraded Software System	Das S., Anand A., Agarwal M., Ram M.	2185393	International Journal of Reliability, Quality and Safety Engineering	27	2	4	2	2	0	4	0	8
2020	Computer-aided classification of the mitral regurgitation using multiresolution local binary pattern	Balodi A., Anand R.S., Dewal M.L., Rawat A.	9410643	Neural Computing and Applications	32	7	1	1	2	0	3	0	4
2020	Envisaging the road accidents using regression analysis	Jindal R.K., Agarwal A.K., Sahoo A.K.	20054238	International Journal of Advanced Science and Technology	29	5	6	2	4	0	6	0	12

2020	A Novel Deep Learning Framework Approach for Sugarcane Disease Detection	Srivastava S., Kumar P., Mohd N., Singh A., Gill F.S.	2662995X	SN Computer Science	1	2	1	13	18	1	32	0	33
2020	Detection of Ovarian Cyst in Ultrasound Images Using Fine-Tuned VGG-16 Deep Learning Network	Srivastava S., Kumar P., Chaudhry V., Singh A.	2662995X	SN Computer Science	1	2	3	12	19	0	31	0	34
2020	Process of Detection, Determination and Correction Cycle Slip Error:A Review	Chandra Bharadwaj S., Vidyarthi A.		2020 6th International Conference on Signal Processing and Communication, ICSC 2020			0	0	0	0	0	0	0
2020	Sensitivity Analysis of Navigation with Indian Constellation (NavIC) Derived Multipath Phase towards Surface Soil Moisture over Agricultural Land	Shekhar S., Prakash R., Vidyarthi A., Pandey D.K.		2020 6th International Conference on Signal Processing and Communication, ICSC 2020			3	6	5	0	11	0	14
2020	Analytical and immunopharmacological studies of flavonoids: Mangifera indica and syzygium cumini	Ghosh K., Tyagi S., Gupta A.	9746242	Biomedical and Pharmacology Journal	13	2	0	1	1	0	2	0	2
2020	A review on cloud based image processing services	Pandey N.K., Diwakar M.		Proceedings of the 7th International Conference on Computing for Sustainable Global Development, INDIACom 2020			3	2	3	0	5	0	8
2020	Exploring the Dimension of DNN Techniques for Text Categorization Using NLP	Mittal V., Gangodkar D., Pant B.		2020 6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020			2	0	2	1	3	0	5
2020	Designing efficient sinkhole attack detection mechanism in edge-based IoT deployment	Pundir S., Wazid M., Singh D.P., Das A.K., Rodrigues J.J.P.C., Park Y.	14248220	Sensors (Switzerland)	20	5	6	10	9	1	20	0	26
2020	CT image denoising using multivariate model and its method noise thresholding in non-subsampled shearlet domain	Diwakar M., Singh P.	17468094	Biomedical Signal Processing and Control	57		23	14	16	5	35	0	58
2020	Automated Designing of Single Stage Operational Amplifier and Its Teleportation among Different Technology Nodes	Gupta A., Bajpai G., Patel A.K., Bhatt U.M., Chauhan N.		International Conference on Electrical and Electronics Engineering, ICE3 2020			0	0	0	0	0	0	0
2020	Performance improvement of PVT module with applications of nano-fluids and phase change materials: A review	Muthukarupan K.S., Santhosh Eashwar S., Subramanian V., Tiwari S., Singh D.B.		International Conference on Electrical and Electronics Engineering, ICE3 2020			0	1	0	0	1	0	1
2020	Performance Enhancement of CZTS and CZTSSe Solar Cells using CdS as Buffer Layer	Paswan S.K., Chandra D., Bhatt U.M., Kumar B.		International Conference on Electrical and Electronics Engineering, ICE3 2020			1	2	0	1	3	0	4
2020	Comparative analysis of machine learning algorithms for identification of BOT attack on the Internet of Vehicles (IoV)	Aswal K., Dobhal D.C., Pathak H.		Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020			0	4	4	2	10	0	10
2020	Studying the Effect of Natural Disasters on Economic Activity.	Gupta V., Aggarwal N., Sharma N., Aggarwal V., Sharma K., Dhiman T.K., Sharma A.K.		International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE 2020			2	0	0	0	0	0	2
2020	Robustness Analysis of decoupled PID controller for Paper Machine Headbox	Saini P., Kumar R., Juneja P.K., Parashar D.		2020 International Conference on Power Electronics and IoT Applications in Renewable Energy and its Control, PARC 2020			2	0	0	0	0	0	2
2020	Optimal Allocation and Comparative Investigation of Unified Power Flow Controller using ASMO	Singh P., Tiwari R., Singh A.K., Sangwan V.		2020 International Conference on Power Electronics and IoT Applications in Renewable Energy and its Control, PARC 2020			0	1	2	0	3	0	3
2020	Optimal Allocation of Thyristor-Controlled Series Capacitor (TCSC) and Thyristor-Controlled Phase-Shifting Transformer (TCPST)	Singh P., Tiwari R., Sangwan V., Gupta A.K.		2020 International Conference on Power Electronics and IoT Applications in Renewable Energy and its Control, PARC 2020			4	3	2	1	6	0	10
2020	Content based fine-grained image retrieval using convolutional neural network	Kumar V., Tripathi V., Pant B.		2020 7th International Conference on Signal Processing and Integrated Networks, SPIN 2020			7	7	6	0	13	0	20
2020	Microbial ecology from the himalayan cryosphere perspective	Dhakar K., Pandey A.	20762607	Microorganisms	8	2	6	13	11	1	25	0	31
2020	Interfacial layer assisted, forming free, and reliable bipolar resistive switching in solution processed BiFeO3 thin films	Kumari C., Varun I., Tiwari S.P., Dixit A.	21583226	AIP Advances	10	2	2	8	12	0	20	0	22
2020	Mtb-HID: A unified database of host-pathogen interaction for various Mycobacterium tuberculosis strains	Pant K., Devvret, Tufchi N., Pandaya A., Thapliyal A.	113891	Current Science	118	2	0	0	0	0	0	0	0
2020	LAM-CIoT: Lightweight authentication mechanism in cloud-based IoT environment	Wazid M., Das A.K., Bhat K V., Vasilakos A.V.	10848045	Journal of Network and Computer Applications	150		88	45	33	2	80	0	168
2020	Cloud-based secured VANET with advanced resource management and IoV applications	Sharma S., Mohan S.		Connected Vehicles in the Internet of Things: Concepts, Technologies and Frameworks for the IoV			7	4	6	1	11	0	18
2020	Impact of micro finance in poverty eradication via SHGs: A study of selected districts in U.P	Gangwar V.P., Srivastva S.P.	20054238	International Journal of Advanced Science and Technology	29	2	0	0	1	0	1	0	1
2020	β-glucan: Immune boosting potential and antioxidant candidate	Kamboj A., Jain A., Singh T., Shaikh A., Gupta A.	9757538	International Journal of Research in Pharmaceutical Sciences	11	1	0	1	1	0	2	0	2
2020	Molecular Docking Studies of Phytocompounds in Common Weeds with AChE Proteins of Aphids and Beetles	Sinha S., Pant K., Pal M., Sharma P., Anand J., Pant B., Verma D., Kumar R., Tripathi Y., Birla K., Agarwal P.	22311866	Journal of Biologically Active Products from Nature	10	1	0	1	1	0	2	0	2
2020	Endophytes: A Novel Source of Biologically Active Secondary Metabolites	Tyagi R., Tyagi S., Gupta A.	9743618	Research Journal of Pharmacy and Technology	13	9	0	0	1	0	1	0	1
2020	FBCC protocol for HBAN network for smart e-health application	Dumka A., Ashok A.		Smart Biosensors in Medical Care			0	0	0	0	0	0	0
2020	Advances in Mathematics for Industry 4.0	Ram M.		Advances in Mathematics for Industry 4.0			0	0	0	0	0	0	0

2020	Infusion-diffusion process-based modeling and profit estimation for manufacturing industries	Anand A., Dujari V., Ram M., Das K.		Advances in Mathematics for Industry 4.0			0	1	0	0	1	0	1
2020	Effect of mobile phone radiations on plants	Pant M., Badoni H.	21857	Agrochimica	64	1	0	0	0	0	0	0	0
2020	In vitro propagation of tinospora cordifolia and estimation of berberine content by chromatographic analysis	Sudan S.S., Batra B., Gusain T., Lal A., Pant M.	0971765X	Ecology, Environment and Conservation	26		0	0	1	0	1	0	1
2020	Green synthesis and antibacterial activity of silver nanoparticles synthesized using ficus auriculata fruit extracts	Kumar V., Kumar N., Ngangom L., Sharma K., Pant M., Waheed S.M.	0971765X	Ecology, Environment and Conservation	26		0	0	0	0	0	0	0
2020	In vitro propagation of rhynchostylis retusa (L.) blume through immature seed culture	Lal A., Pant M., Palni L.M.S., Kumar A.	0971765X	Ecology, Environment and Conservation	26		1	0	1	0	1	0	2
2020	Tissue culture interventions in soybean production: Significance, challenges and future prospects	Singh N., Negi A.S., Pant M.	0971765X	Ecology, Environment and Conservation	26		0	0	0	0	0	0	0
2020	Nanomaterials from various forest tree species and their biomedical applications	Bachheti R.K., Sharma A., Bachheti A., Husen A., Shanka G.M., Pandey D.P.		Nanomaterials for Agriculture and Forestry Applications			7	2	10	0	12	0	19
2020	A review on distribution and importance of wetlands in the perspective of India	Arya A.K., Joshi K.K., Bachheti A., Deepti	9749411	Journal of Applied and Natural Science	12	4	0	1	2	1	4	0	4
2020	Root-based fabrication of metal/metal-oxide nanomaterials and their various applications	Bachheti R.K., Godebo Y., Bachheti A., Yassin M.O., Husen A.		Nanomaterials for Agriculture and Forestry Applications			10	1	12	0	13	0	23
2020	Bioeconomy and environmental sustainability: A social, political, and scientific nexus framework for life-cycle sustainability assessment	Mukherjee S., Sharma P.K., Kumar M.		Current Developments in Biotechnology and Bioengineering: Sustainable Bioresources for the Emerging Bioeconomy			1	0	1	0	1	0	2
2020	Comprehensive study of magnesium based metal matrix composite	Nirala A., Soren S., Kumar N., Garg R., Kumar Sharma S., Shrivastava A.K., Singh D.B., Yadav D., Yadav J.K.	22147853	Materials Today: Proceedings	46		2	3	3	1	7	0	9
2020	Study of biodegradable magnesium metal matrix composite A review	Nirala A., Soren S., Garg R., Kumar R., Shrivastava A.K., Kumar N., Prasad H., Singh D.B., Yadav J.K.	22147853	Materials Today: Proceedings	46		1	0	2	0	2	0	3
2020	Performance of castor based biodiesel during tribological characterization at different load	Singh Y., Gwalwanshi M., Negi P., Badhotiya G.K., Singh N.K., Sharma A.	22147853	Materials Today: Proceedings	46		0	0	2	0	2	0	2
2020	Lubricity improvement of the raw jojoba oil with TiO2nanoparticles as an additives at different loads applied	Zaid M., Kumar A., Singh Y.	22147853	Materials Today: Proceedings	46		1	1	6	1	8	0	9
2020	Metal nanoparticles in treatment of respiratory viral infections: A review	Mishra A., Mishra A.	9711198	Trends in Biomaterials and Artificial Organs	34		0	0	0	0	0	0	0
2020	Reconfiguration strategy for a heavy mobile robot with multiple steering configurations	Kumar P., Bensekrane I., Lakhal O., Merzouki R.	24058963	IFAC-PapersOnLine	53		0	0	1	0	1	0	1
2020	A Deep Learning Framework Approach for Urban Area Classification Using Remote Sensing Data	Nijhawan R., Jindal R., Sharma H., Raman B., Das J.	21945357	Advances in Intelligent Systems and Computing	1022		0	1	0	0	1	0	1
2020	Absorbability analysis of CY-230 epoxy resin and chicken feather fiber based hybrid biocomposite material	Bansal G., Mahajan A., Negi P., Kunjwal J.	22147853	Materials Today: Proceedings	38		1	3	2	0	5	0	6
2020	A mini review on single slope solar desalination unit augmented with different types of collectors	Patel R.V., Singh G., Bharti K., Kumar R., Singh D.B.	22147853	Materials Today: Proceedings	38		4	4	2	0	6	0	10
2020	Experimental investigation of flushing approaches on EDM machinability during machining of titanium alloy	Singh N.K., Singh Y., Sharma A., Prasad R.	22147853	Materials Today: Proceedings	38		1	4	3	0	7	0	8
2020	Comparative analysis of a human tooth using different materials based on the finite element method	Joshi J., Gariya N., Manral A.R., Kumar P.	22147853	Materials Today: Proceedings	38		3	0	1	0	1	0	4
2020	Comparative investigation of double slope solar still by incorporating different types of collectors: A mini review	Patel R.V., Bharti K., Singh G., Mittal G., Singh D.B., Yadav A.	22147853	Materials Today: Proceedings	38		6	4	6	0	10	0	16
2020	A review on energy harvesting based piezoelectric system	Mahajan A., Goel A., Verma A.	22147853	Materials Today: Proceedings	43		2	3	2	0	5	0	7
2020	Production of electric power from solar ponds using thermoelectric generator: A review	Mittal G., Singh D.B., Singh G.	22147853	Materials Today: Proceedings	43		0	4	2	1	7	0	7
2020	A mini review on solar energy based pumping system for irrigation	Singh D.B., Mahajan A., Devli D., Bharti K., Kandari S., Mittal G.	22147853	Materials Today: Proceedings	43		2	6	8	0	14	0	16
2020	Solar still performance investigation by incorporating the shape of basin liner: A short review	Patel R.V., Bharti K., Singh G., Kumar R., Chhabra S., Singh D.B.	22147853	Materials Today: Proceedings	43		4	7	3	0	10	0	14
2020	Capability of navic, an indian gnss constellation, for retrieval of surface soil moisture	Chamoli V., Prakash R., Vidyarthi A., Ray A.	19378718	Progress In Electromagnetics Research C	106		2	5	3	0	8	0	10
2020	Detection of Down Syndrome Using Deep Facial Recognition	Mittal A., Gaur H., Mishra M.	21945357	Advances in Intelligent Systems and Computing	1022		2	1	0	0	1	0	3
2020	A novel multi-focus image fusion paradigm: A hybrid approach	Jindal M., Bajal E., Chakraborty A., Singh P., Diwakar M., Kumar N.	22147853	Materials Today: Proceedings	37	2	0	3	7	1	11	0	11
2020	Analyzing financial hardships faced by students in pursuing of management post graduate programs from Tier 2 Business Schools in India	Bohra N.S., Singh P., Chauhan A.S.	22147853	Materials Today: Proceedings	37	2	0	0	0	0	0	0	0
2020	A comparative review: Medical image fusion using SWT and DWT	Diwakar M., Tripathi A., Joshi K., Sharma A., Singh P., Memoria M., Kumar N.	22147853	Materials Today: Proceedings	37	2	2	12	17	1	30	0	32
2020	Predicting the time period of extension of lockdown due to increase in rate of COVID-19 cases in India using machine learning	Wadhwa P., Aishwarya, Tripathi A., Singh P., Diwakar M., Kumar N.	22147853	Materials Today: Proceedings	37	2	5	11	9	0	20	0	25
2020	Efficacy of reuterin and bacteriocins nisin and pediocin in the preservation of raw milk from dairy farms	Kumar N., Kumar V., Waheed S.M., Pradhan D.	13309862	Food Technology and Biotechnology	58	4	1	4	4	0	8	0	9
2020	Cyanobacteria: A perspective paradigm for agriculture and environment	Malyan S.K., Singh S., Bachheti A., Chahar M., Sah M.K., Narender, Kumar A., Yadav A.N., Kumar S.S.		New and Future Developments in Microbial Biotechnology and Bioengineering: Trends of Microbial Biotechnology for Sustainable Agriculture and Biomedicine Systems: Diversity and Functional Perspectives			4	2	3	0	5	0	9

2020	Development of rapid micropropagation protocol for germplasm conservation of two orchid species - Aerides multiflora Roxb. and Rhynchostylis retusa (L.) Blume	Lal A., Pant M., Palni L.M.S., Kumar A.	22787666	Asian Journal of Conservation Biology	9	2	0	0	3	0	3	0	3
2020	Approximation of 3D convection diffusion equation using DQM based on modified cubic trigonometric B-splines	Tamsir M., Dhiman N., Gill F.S., Robin	14727978	Journal of Computational Methods in Sciences and Engineering	20	4	1	2	2	0	4	0	5
2020	Preface	Ram M., Pham H.	16147839	Springer Series in Reliability Engineering			0	0	0	0	0	0	0
2020	A comparative study on shells in Linux: A review	Kidwai A., Arya C., Singh P., Diwakar M., Singh S., Sharma K., Kumar N.	22147853	Materials Today: Proceedings	37	2	0	3	2	0	5	0	5
2020	Impact of covid-19 on education and internships of hospitality students	Dani R., Kukreti R., Negi A., Kholiya D.	22312196	International Journal of Current Research and Review	12	21	2	5	4	0	9	0	11
2020	Latest trends on heart disease prediction using machine learning and image fusion	Diwakar M., Tripathi A., Joshi K., Memoria M., Singh P., Kumar N.	22147853	Materials Today: Proceedings	37	2	8	41	40	1	82	0	90
2020	Icma: An efficient integrated congestion control approach	Khan T., Singh K., Purohit K.C.	18722121	Recent Patents on Engineering	14	3	2	0	4	1	5	0	7
2020	Characteristic performance of oled based on hole injection, transport and blocking layers	Negi S., Mittal P., Kumar B.	18722121	Recent Patents on Engineering	14	3	1	8	5	1	14	0	15
2020	Generalized convexity and mathematical programs	Joshi B.C.	12237027	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics	82	4	0	0	2	0	2	0	2
2020	Meditation and perceived stress reduction among women with mediating role of emotional intelligence	Mishra A.K., Ghanshala R., Bisht M.S.	17408938	International Journal of Work Organisation and Emotion	11	3	1	0	0	0	0	0	1
2020	Optimisation of sensor position for maximum phase shift of CU TWIN-S shape CMFS	Taluja R., Patil P.P.	22147853	Materials Today: Proceedings	33		0	0	0	0	0	0	0
2020	GENETIC STRUCTURE OF NATURAL POPULATIONS OF SCHIZOTHORAX RICHARDSONII (GRAY 1983) IN GARHWAL HIMALAYA INFERRED FROM MITOCHONDRIAL DNA MARKER ATPASE 6/8	Thapliyal M., Pokhriyal H., K Sati B., Thapliyal A.	9725075	Biochemical and Cellular Archives	20	2	0	0	0	0	0	0	0
2020	Computational screening of drug-like properties of tinospora cordifolia against tuberculosis	Solanki S., Verma D., Solanki R., Pant K., Pant B., Tripathi V., Thapliyal A.	22312196	International Journal of Current Research and Review	12	21	0	1	1	0	2	0	2
2020	Sustainable route for S. Oleosa biodiesel production using response surface methodology	Pali H.S., Sharma A., Kumar N., Singh Y.	15567036	Energy Sources, Part A: Recovery, Utilization and Environmental Effects			0	2	2	1	5	0	5
2020	Analysis and optimization of sb2 te3 and bi2 te3 materials for enhancing the performance of thermoelectric energy harvester for wsn applications	Verma G., Sharma V.	18722121	Recent Patents on Engineering	14	2	0	1	0	0	1	0	1
2020	Blue economy: Emerging global trends and India's multilateral cooperation	Upadhyay D.K., Mishra M.	19466609	Maritime Affairs			2	3	3	0	6	0	8
2020	Challenges with wound infection models in drug development	Shukla S.K., Sharma A.K., Gupta V., Kalonia A., Shaw P.	13894501	Current Drug Targets	21	13	2	4	2	0	6	0	8
2020	Analysis on worldwide coronavirus (COVID-19) cases	Gupta S., Kalra J., Goyal H., Kumar V.	13010883	Eastern Journal of Medicine	25	4	1	0	0	0	0	0	1
2020	Conducting Polymer Membranes and Their Applications	Alarifi I., Prasad B., Uddin M.K.	16121317	Engineering Materials			5	4	1	0	5	0	10
2020	Simulation analysis of composite helical spring for compression, torsional and transverse mode	Nirala A., Kumar N., Bandhu Singh D., Kumar Singh A., Kumar Sharma S., Kumar Yadav J., Prasad H., Chandan S., Kumar Shrivastava A.	22147853	Materials Today: Proceedings	28		1	1	5	1	7	0	8
2020	Material optimization for femur bone implants based on vibration analysis	Manral A.R., Gariya N., Nithin Kumar K.C.	22147853	Materials Today: Proceedings	28		4	0	2	0	2	0	6
2020	Fabrication of a tubular furnace for sintering and heat treatment of metals/alloys	Nirala A., Kumar N., Singh D.B., Sharma S.K., Shrivastava A.K., Chandan S., Prasad H.	22147853	Materials Today: Proceedings	28		1	0	0	0	0	0	1
2020	Effect of number of collectors (N) on life cycle conversion efficiency of single slope solar desalination unit coupled with N identical partly covered compound parabolic concentrator collectors	Singh V., Singh D.B., Kumar N., Kumar R.	22147853	Materials Today: Proceedings	28		5	5	1	0	6	0	11
2020	Effect of flow of fluid mass per unit time on life cycle conversion efficiency of single slope solar desalination unit coupled with N identical evacuated tubular collectors	Singh D.B., Raturi A., Kumar N., Nirala A., Singh A.K., Tiwari S.	22147853	Materials Today: Proceedings	28		2	2	0	0	2	0	4
2020	Effect of mass flow rate on energy payback time of single slope solar desalination unit coupled with N identical compound parabolic concentrator collectors	Singh D.B., Singh G., Kumar N., Singh P.K., Nirala A., Kumar R.	22147853	Materials Today: Proceedings	28		7	5	1	0	6	0	13
2020	FEM based analysis of soft polymer composites with crack	Gariya N., Prasad B., Kumar P.	22147853	Materials Today: Proceedings	28		3	2	1	0	3	0	6
2020	Analysis of porous polymer membranes using FEM software for sensing applications	Prasad B., Gariya N., Panwar V., Patil P., Kumar P.	22147853	Materials Today: Proceedings	28		2	1	0	0	1	0	3
2020	Exergoeconoic analysis of single slope solar desalination unit coupled with PVT-CPCs by incorporating the effect of dissimilarity of the rate of flowing fluid mass	Sharma G.K., Kumar N., Singh D.B., Mallick A.	22147853	Materials Today: Proceedings	28		8	5	2	0	7	0	15
2020	Effect of number of collectors (N) on the environment due to single slope solar desalination unit coupled with N identical evacuated tubular collectors	Kumar R., Singh D.B., Kumar N., Nirala A., Tiwari G.N.	22147853	Materials Today: Proceedings	28		1	1	2	0	3	0	4
2020	Simulation of the Quadcopter Dynamics with LQR based Control	Ahmad F., Kumar P., Bhandari A., Patil P.P.	22147853	Materials Today: Proceedings	24		15	7	10	0	17	0	32
2020	Nanomaterials from non-wood forest products and their applications	Painuli S., Semwal P., Bachheti A., Bachheti R.K., Husen A.		Nanomaterials for Agriculture and Forestry Applications			8	5	10	0	15	0	23
2020	A review of inclusion of nanofluids on the attainment of different types of solar collectors	Singh G., Singh D.B., Kumar S., Bharti K., Chhabra S.	22147853	Materials Today: Proceedings	38		7	8	3	0	11	0	18
2020	Melting and chemical reaction effects in stagnation point flow of micropolar fluid over a stretchable porous medium in the presence of nonuniform heat source/sink	Singh K., Kumar M., Pandey A.K.	1091028X	Journal of Porous Media	23	8	3	19	15	3	37	0	40

2020	Process investigations on the use of waste plastic as thermal energy storage material	Negi P., Singh Y., Dobriyal R.	22147853	Materials Today: Proceedings	28		1	0	2	0	2	0	3
2020	Ionic liquid-gr attached pvdf composite film for shielding of microwave radiations	Rathi V., Panwar V., Kuriyal D.	19378726	Progress In Electromagnetics Research M	95		0	1	1	0	2	0	2
2020	A novel approach for detection and classification of rice leaf diseases	Arora Y.K., Kumar S., Vardhan H., Chaudhary P.	21945357	Advances in Intelligent Systems and Computing	1155		0	0	2	1	3	0	3
2020	A selection method for computing the ensemble size of base classifier in multiple classifier system	Tomer V., Caton S., Kumar S., Kumar B.	21945357	Advances in Intelligent Systems and Computing	1155		0	4	1	1	6	0	6
2020	RFID-Based Smart Shopping in IoT Environment: A Way to Become a Smart Shopper	Chauhan R., Punj D., Joshi R.C.	23673370	Lecture Notes in Networks and Systems	120		0	1	0	0	1	0	1
2020	Applications and approaches for texture analysis and their modern evolution	Ramola A., Shakya A.K., Vidyarthi A.	18761100	Lecture Notes in Electrical Engineering	662		1	0	0	0	0	0	1
2020	Landcover pattern recognization through texture classification using landsat data of dallas	Shakya A.K., Ramola A., Vidyarthi A.	18761100	Lecture Notes in Electrical Engineering	662		0	0	0	0	0	0	0
2020	A Computer Vision Based Approach for the Analysis of Acuteness of Garbage	Bose C., Pathak S., Agarwal R., Tripathi V., Joshi K.	18650929	Communications in Computer and Information Science	1244		2	2	1	0	3	0	5
2020	An Effective Vision Based Framework for the Identification of Tuberculosis in Chest X-Ray Images	Ghanshala T., Tripathi V., Pant B.	18650929	Communications in Computer and Information Science	1244		1	0	1	0	1	0	2
2020	Performance evaluation of a wireless sensor actuator network under reliability approach	Joshi T., Nagiya K., Ram M.	20413165	Mathematics in Engineering, Science and Aerospace	11	1	1	1	0	0	1	0	2
2020	A new approximation algorithm for the weighted vertex cover problem	Dimri S.C., Tiwari U.K., Ram M.	20413165	Mathematics in Engineering, Science and Aerospace	11	1	0	0	1	0	1	0	1
2020	A Combined Newton-Raphson and analytical technique for parameter estimation of solar photovoltaic modules	Rawat N., Jadli U., Thakur P.	20413165	Mathematics in Engineering, Science and Aerospace	11	1	0	0	0	0	0	0	0
2020	Titanium based biomaterial for bone implants: A mini review	Verma R.P.	22147853	Materials Today: Proceedings	26		9	12	15	2	29	0	38
2020	Modeling and control of load frequency control (LFC) using model order reduction (MOR) techniques	Saini P., Dixit A., Gupta A., Sharma K.M.C.	20413165	Mathematics in Engineering, Science and Aerospace	11	1	0	1	0	0	1	0	1
2020	Influence of the catalytic activity of MgO catalyst on the comparative studies of Schlichera oleosa, Michelia champaca and Putranjiva based biodiesel and its blend with ethanol-diesel	Joshi H.C., Grag N., Kumar S., Ahmad W.	22147853	Materials Today: Proceedings	38		3	2	6	0	8	0	11
2020	Plant Allelochemicals and Their Various Applications	Bachheti A., Sharma A., Bachheti R.K., Husen A., Pandey D.P.	2511834X	Reference Series in Phytochemistry			8	12	11	1	24	0	32
2020	Development of IDS Using Supervised Machine Learning	Kumar I., Mohd N., Bhatt C., Sharma S.K.	21945357	Advances in Intelligent Systems and Computing	1154		2	6	5	1	12	0	14
2020	LAKS-NVT: Provably Secure and Lightweight Authentication and Key Agreement Scheme without Verification Table in Medical Internet of Things	Park K., Noh S., Lee H., Das A.K., Kim M., Park Y., Wazid M.	21693536	IEEE Access	8		12	18	15	1	34	0	46
2020	Multi-state system analysis with imperfect fault coverage, human error and standby strategies	Arora R., Tyagi V., Ram M.	2574306	Investigacion Operacional	41	2	1	0	1	0	1	0	2
2020	Tribological analysis of the neem oil during the addition of SiO2 nanoparticles at different loads	Mahara M., Singh Y.	22147853	Materials Today: Proceedings	28		13	4	5	1	10	0	23
2020	Parameterization of the modified water cloud model (MWCM) using normalized difference vegetation index (NDVI) for winter wheat crop: a case study from Punjab, India	Rawat K.S., Singh S.K., Ray R.L., Szabo S.	10106049	Geocarto International			1	3	2	0	5	0	6
2020	Biochemical characterization of rhododendron arboreum leaves from Himachal Pradesh region	Rawat P., Anand J., Kumar N., Rai N.	9725075	Biochemical and Cellular Archives	20	1	0	0	1	0	1	0	1
2020	Reliability modelling and sensitivity analysis of IoT based flood alerting system	Tyagi V., Rawat N., Ram M.	13552511	Journal of Quality in Maintenance Engineering	27	2	1	4	2	0	6	0	7
2020	Experimental characterization of YAG and SiC added P/M ferritic (434L) stainless steel sintered in hydrogen (H2) atmosphere	Nirala A., Kumar N., Sharma S.K., Yadav J.K., Singh D.B., Shrivastava A.K.	22147853	Materials Today: Proceedings	28		3	1	0	0	1	0	4
2020	An efficient framework for identification of Tuberculosis and Pneumonia in chest X-ray images using Neural Network	Verma D., Bose C., Tufchi N., Pant K., Tripathi V., Thapliyal A.	18770509	Procedia Computer Science	171		16	10	11	2	23	0	39
2020	Preface	Yadav S., Singh D.B., Arora P.K., Kumar H.	21903018	Smart Innovation, Systems and Technologies	174		0	0	0	0	0	0	0
2020	Exergoeconomic and Enviroeconomic Analyses of Double Slope Solar Desalination Unit Loaded With/Without Nanofluid: A Comparative Study	Singh D.B., Bansal G., Yadav J.K., Kumar N., Singh M.	21903018	Smart Innovation, Systems and Technologies	174		1	1	1	0	2	0	3
2020	Augmentation of groundwater recharge in rainwater harvesting systems: A coastal city study	Bahuguna A., Rawat K.S., Singh S.K., Kumar S.	9758364	International Journal on Emerging Technologies	11	3	0	0	0	0	0	0	0
2020	BAKMP-IoMT: Design of Blockchain Enabled Authenticated Key Management Protocol for Internet of Medical Things Deployment	Garg N., Wazid M., Das A.K., Singh D.P., Rodrigues J.J.P.C., Park Y.	21693536	IEEE Access	8		29	45	55	8	108	0	137
2020	Effect of microwave-assisted extraction (Mae) process on % extraction yield, phenolic compounds and antioxidants activity of natural extract from edible fiddleheads and mae process optimization by using response surface methodology (RSM)	Kumar S., Bathla A., Rani A., Singh S., Gautam P., Sahi N.C., Joshi H.C., Kumar V.	20695837	Biointerface Research in Applied Chemistry	10	4	1	6	1	1	8	0	9
2020	Toxicity of cadmium (Cd) on microalgal growth, (IC50 value) and its exertions in biofuel production	Fatima N., Kumar V., Vlaskin M.S., Jaiswal K.K., Jyoti, Gururani P., Kumar S.	20695837	Biointerface Research in Applied Chemistry	10	4	6	5	5	0	10	0	16
2020	A Tutorial and Future Research for Building a Blockchain-Based Secure Communication Scheme for Internet of Intelligent Things	Wazid M., Das A.K., Shetty S., Jo M.	21693536	IEEE Access	8		19	17	14	0	31	0	50
2020	Reinforcement learning based node sleep or wake-up time scheduling algorithm for wireless sensor network	Verma P., Dumka A., Vyas D., Bhardwaj A.	24557749	International Journal of Mathematical, Engineering and Management Sciences	5	4	1	5	3	0	8	0	9
2020	An integrated adaboost algorithm for down syndrome disease recognition	Agarwal P., Chaudhary M., Nijhawan R.	23673370	Lecture Notes in Networks and Systems	119		0	0	1	0	1	0	1
2020	Robust Sports Image Classification Using InceptionV3 and Neural Networks	Joshi K., Tripathi V., Bose C., Bhardwaj C.	18770509	Procedia Computer Science	167		7	11	16	0	27	0	34
2020	Multi-modality Medical Image Fusion Using Fuzzy Local Information C-Means Clustering in SWT Domain	Diwakar M., Rastogi V., Singh P.	18650929	Communications in Computer and Information Science	1206		0	1	1	0	2	0	2
2020	Susceptibility Assesment of Changes Developed in the Landcover Caused Due to the Landslide Disaster of Nepal from Multispectral LANDSAT Data	Shakya A.K., Ramola A., Kashyap A., Van Pham D., Vidyarthi A.	18650929	Communications in Computer and Information Science	1206		3	2	1	0	3	0	6

2020	Transformation Caused in the Consistency of Landcover Due to Stubble Burning in the Northern India State of Punjab from Suomi NPP Satellite Data	Shakya A.K., Ramola A., Johri A., Vidyarthi A.	18650929	Communications in Computer and Information Science	1206		1	0	1	0	1	0	2
2020	A framework for enhancing the security of motorbike riders in real time	Khandelwal Y., Anwar S., Agarwal S., Tripathi V., Pandey P.	21945357	Advances in Intelligent Systems and Computing	1125		0	0	1	0	1	0	1
2020	Docker security: A threat model, attack taxonomy and real-time attack scenario of DoS	Tomar A., Jeena D., Mishra P., Bisht R.		Proceedings of the Confluence 2020 - 10th International Conference on Cloud Computing, Data Science and Engineering			8	4	4	0	8	0	16
2020	2D Coupled Poro-Elastic Analysis for Dynamic Behaviour of CPRF	RamaRaju P.J., Emani P.K., Kothari S.	23662557	Lecture Notes in Civil Engineering	56		0	0	0	0	0	0	0
2020	Systems reliability assessment using hesitant fuzzy set	Kumar A., Singh S.B., Ram M.	17457645	International Journal of Operational Research	38	1	5	2	6	0	8	0	13
2020	Parameterizing the modified water cloud model to improve soil moisture data retrieval using vegetation models	Rawat K.S., Singh S.K., Ray R.L., Szabo S., Kumar S.	20645031	Hungarian Geographical Bulletin	69	1	3	2	2	0	4	0	7
2020	UWB antenna with dual notch functionality for reducing VSWR	Vimal V., Nautiyal B., Goyal P.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	12	3	0	3	0	0	3	0	3
2020	An empirical model of indian foreign investment and stock market volatility: Evidence From ARDL bounds testing analysis	Singh A., Mohan A.	19234023	International Journal of Financial Research	11	2	1	0	1	0	1	0	2
2020	Authentication protocols in internet of vehicles: Taxonomy, analysis, and challenges	Bagga P., Das A.K., Wazid M., Rodrigues J.J.P.C., Park Y.	21693536	IEEE Access	8		22	33	19	1	53	0	75
2020	Water purification using solar still with/without nano-fluid: A review	Singh A.K., Singh D.B., Dwivedi V.K., Tiwari G.N., Gupta A.	22147853	Materials Today: Proceedings	21		28	5	5	0	10	0	38
2020	A brief review on solar flat plate collector by incorporating the effect of nanofluid	Dobriyal R., Negi P., Sengar N., Singh D.B.	22147853	Materials Today: Proceedings	21		12	8	4	2	14	0	26
2020	CFD modeling of fly-ash slurry to analyse the concentration and velocity profiles	Kumar N., Kaushal D.R., Dwivedi V.K., Singh D.B., Sharma S.K., Yadav J.K.	22147853	Materials Today: Proceedings	21		0	0	3	1	4	0	4
2020	Effects of blends of castor oil with pure diesel on performance parameters of direct injection compression ignition engine	Nand Agrawal B., Sinha S., Bandhu Singh D., Bansal G.	22147853	Materials Today: Proceedings	21		2	2	1	0	3	0	5
2020	Corrosion resistance of electroless Ni-P-SiC/ Ni-P-TiO2-ZrO2 nano-coatings in paper mill bleach plant	Ram M., Kumar M., Ansari A., Sharma S., Sharma A.	22147853	Materials Today: Proceedings	21		5	3	6	1	10	0	15
2020	A Proposed Gene Selection Approach for Disease Detection	Sah A., Choudhury T., Rawat S., Tripathi A.	21945357	Advances in Intelligent Systems and Computing	1120		1	0	1	0	1	0	2
2020	Comparative Study of Basin Type Double Slope Active Solar Stills Based on Energy Metrics	Sharma A., Dwivedi V.K., Singh D.B.	21954356	Lecture Notes in Mechanical Engineering			1	0	0	0	0	0	1
2020	Optimal spectrum-hole detection scheme for cooperative CRN using dynamic weighted VIKOR	Loganathan J., Janakiraman S., Dumka A.	15481115	International Journal of Enterprise Information Systems	16	1	2	1	0	0	1	0	3
2020	Nonlinear system parameter estimation of drying process using modified state transition algorithm in cloud environment	Chandran K., Ramasamy M., Dananjayan S., Dumka A., Jayakumar L.	17543916	International Journal of Communication Networks and Distributed Systems	24	2	0	2	0	0	2	0	2
2020	Protective and Modulatory Effects of Trapa bispinosa and Trigonella foenum-graecum on Neuroblastoma Cells through Neuronal Nitric Oxide Synthase	Singh S., Kumar V., Kumar N., Sharma P., Waheed S.M.	1540658X	Assay and Drug Development Technologies	18	1	0	1	1	0	2	0	2
2020	Plant growth promotion and biocontrol activity of some typical harsh environment rhizo-microbes and their effects on Amaranthus cruentus plants	Debasis M., Ganeshamurthy A.N., Komal S., Radha T.K., Rupa T.R.	9736263	Research Journal of Biotechnology	15	1	2	0	2	0	2	0	4
2020	Intrusion Detection Protocols in Wireless Sensor Networks Integrated to Internet of Things Deployment: Survey and Future Challenges	Pundir S., Wazid M., Singh D.P., Das A.K., Rodrigues J.J.P.C., Park Y.	21693536	IEEE Access	8		30	37	35	4	76	0	106
2020	Spatial dynamics of predator-prey system with hunting cooperation in predators and type i functional response	Singh T., Dubey R., Mishra V.N.	24736988	AIMS Mathematics	5	1	9	5	5	0	10	0	19
2020	Herbal Plant Classification and Leaf Disease Identification Using MPEG-7 Feature Descriptor and Logistic Regression	Rana A., Mittal A.	21945357	Advances in Intelligent Systems and Computing	1048		1	1	0	0	1	0	2
2020	Indoor Object Classification Using Higher Dimensional MPEG Features	Chaudhuri D.R., Chandra D., Mittal A.	21945357	Advances in Intelligent Systems and Computing	1048		1	0	0	0	0	0	1
2020	Performance analysis of suspension bridge: A reliability approach	Kumar A., Ram M., Negi M., Varma N.	16147839	Springer Series in Reliability Engineering			0	0	0	0	0	0	0
2020	Software multi up-gradation modeling based on different scenarios	Anand A., Gupta P., Tamura Y., Ram M.	16147839	Springer Series in Reliability Engineering			2	1	4	0	5	0	7
2020	Human fall detection using machine learning methods: A survey	Singh K., Rajput A., Sharma S.	24557749	International Journal of Mathematical, Engineering and Management Sciences	5	1	8	4	7	0	11	0	19
2020	Statistical Approach to Predict Road Accidents in India	Arora Y.K., Kumar S.	21945357	Advances in Intelligent Systems and Computing	1025		2	0	1	0	1	0	3
2020	An Efficient Vision-Based Group Detection Framework in Crowded Scene	Pandey M., Singhal S., Tripathi V.	21945357	Advances in Intelligent Systems and Computing	1014		1	0	0	0	0	0	1
2020	A Deep Learning Approach for Classification of Onychomycosis Nail Disease	Aishwarya, Goel A., Nijhawan R.	18761100	Lecture Notes in Electrical Engineering	605		5	5	0	0	5	0	10
2020	A Hybrid Deep Learning Approach for Automatic Fish Classification	Chhabra H.S., Srivastava A.K., Nijhawan R.	18761100	Lecture Notes in Electrical Engineering	605		6	7	7	1	15	0	21
2020	Modeling for Headbox and Associated Wet End Systems	Juneja P.K., Chaturvedi M., Ray A.K., Yadav G.	18761100	Lecture Notes in Electrical Engineering	605		2	0	0	0	0	0	2
2020	A review: Soil moisture estimation using different techniques	Pandey J., Chamoli V., Prakash R.	21945357	Advances in Intelligent Systems and Computing	989		1	2	0	0	2	0	3
2019	Determinants of millennial online consumer behavior and prospective purchase decisions	Awal G., Khanna R.	20054238	International Journal of Advanced Science and Technology	28	18	0	0	0	0	0	0	0
2019	Techno-economic analysis of standalone hybrid energy system	Goyal S., Mishra S., Bhatia A.		A Comprehensive Guide to Energy Production and Development			0	0	0	0	0	0	0
2019	Synthesis and characterization of poly-vinyl alcohol membrane	Khanduri P., Panwar V., Joshi A., Panwar L.S.	0094243X	AIP Conference Proceedings	2201		6	2	0	0	2	0	8
2019	Authorship clustering using TF-IDF weighted Word-Embeddings	Agarwal L., Thakral K., Bhatt G., Mittal A.		ACM International Conference Proceeding Series			4	2	2	0	4	0	8

2019	Modeling and Mechanical Vibration characteristics analysis of a Quadcopter Propeller using FEA	Ahmad F., Bhandari A., Kumar P., Patil P.P.	17578981	IOP Conference Series: Materials Science and Engineering	577	1	4	0	4	0	4	0	8
2019	LDAKM-EIoT: Lightweight device authentication and key management mechanism for edge-based iot deployment	Wazid M., Das A.K., Shetty S., Rodrigues J.J.P.C., Park Y.	14248220	Sensors (Switzerland)	19	24	15	19	20	1	40	0	55
2019	Ageing society and China's welfare regime: Examining the sub-national variations in pension provision (2005-2015)	Singh V.	21803250	International Journal of China Studies	10	2	0	0	0	0	0	0	0
2019	Cultivating organizational citizenship behavior: The role of communication	Negi N.S., Ghanshala R., Kumar M.	22287019	International Journal of Management and Business Research	9	4	0	0	0	0	0	0	0
2019	Feature Detection for Satellite Imagery Using Deep-Convolutional Neural Network	Gupta V., Aggarwal V., Chauhan P.S., Sharma K., Sharma N.		Proceedings of the 3rd International Conference on I-SMAC IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2019			0	0	0	0	0	0	0
2019	Classification of lesions in retinal fundus images for diabetic retinopathy using transfer learning	Gupta S., Panwar A., Goel S., Mittal A., Nijhawan R., Singh A.K.		Proceedings - 2019 International Conference on Information Technology, ICIT 2019			15	22	11	0	33	0	48
2019	Evaluation of hepatoprotective activity of albizia lebbeck linn, cassia occidentalis linn and swertia chirata roxb. Against paracetamol induced liver injury in wistar rats	Kumar A., Pai M.O., Rai N.	9754261	Medicinal Plants	11	4	0	0	2	0	2	0	2
2019	Waste pomelo (Citrus maxima) peels – A natural source of antioxidant and its utilization in peanut oil for suppressing the development of rancidity	Kumar S., Singh I., Kohli D., Joshi J.	2347467X	Current Research in Nutrition and Food Science	7	3	1	2	5	0	7	0	8
2019	Solar PV parameter estimation using multi-objective optimisation	Rawat N., Thakur P., Jadli U.	20893191	Bulletin of Electrical Engineering and Informatics	8	4	5	4	5	0	9	0	14
2019	Low-temperature catalyst based Hydrothermal liquefaction of harmful Macroalgal blooms, and aqueous phase nutrient recycling by microalgae	Kumar V., Kumar S., Chauhan P.K., Verma M., Bahuguna V., Joshi H.C., Ahmad W., Negi P., Sharma N., Ramola B., Rautela I., Nanda M., Vlaskin M.S.	20452322	Scientific Reports	9	1	14	6	8	0	14	0	28
2019	Performance indicators for supply chain resilience: review and conceptual framework	Singh C.S., Soni G., Badhotiya G.K.	17355702	Journal of Industrial Engineering International	15		21	25	52	1	78	0	99
2019	Logistics and distribution challenges to managing operations for corporate sustainability: Study on leading Indian diary organizations	Mangla S.K., Sharma Y.K., Patil P.P., Yadav G., Xu J.	9596526	Journal of Cleaner Production	238		33	22	33	3	58	0	91
2019	Experimental Analysis of Power Quality of Semi Controlled Rectifier System	Tamta M., Rituraj, Chaturvedi M.		Proceedings - 2019 Women Institute of Technology Conference on Electrical and Computer Engineering, WITCON ECE 2019			0	0	1	0	1	0	1
2019	Material Optimization for Soft Actuator Based on Vibration	Prasad B., Gariya N., Kumar P., Panwar V., Patil P.		Proceedings - 2019 Women Institute of Technology Conference on Electrical and Computer Engineering, WITCON ECE 2019			0	1	0	0	1	0	1
2019	A Classifier Approach using Deep Learning for Human Activity Recognition	Rawat S.S., Bisht A., Nijhawan R.	2640074X	Proceedings of the IEEE International Conference Image Information Processing	2019-		3	0	0	0	0	0	3
2019	A Deep Learning based CNN framework approach for Plankton Classification	Rawat S.S., Bisht A., Nijhawan R.	2640074X	Proceedings of the IEEE International Conference Image Information Processing	2019-		4	6	4	1	11	0	15
2019	Wavelet Based Voltage Sag Characterization and Detection Method	Upadhya M., Singh A.K., Thakur P.		Proceedings - 2019 International Conference on Electrical, Electronics and Computer Engineering, UPCON 2019			2	1	3	1	5	0	7
2019	A Machine Learning Based Approach for Progeria Syndrome Detection	Chandra D., Rawat S.S., Nijhawan R.		2019 4th International Conference on Information Systems and Computer Networks, ISCON 2019			4	3	0	0	3	0	7
2019	Ionospheric Scintillation analysis using ROT and ROTI for Slip Cycle Detection	Sinha S., Bhardwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.		2019 4th International Conference on Information Systems and Computer Networks, ISCON 2019			0	5	2	0	7	0	7
2019	Analytical modelling and parameters extraction of multilayered OLED	Negi S., Mittal P., Kumar B.	1751858X	IET Circuits, Devices and Systems	13	8	15	10	6	0	16	0	31
2019	Multi-focus image fusion using non-local mean filtering and stationary wavelet transform	Joshi K., Joshi N.K., Diwakar M., Tripathi A.N., Gupta H.	22783075	International Journal of Innovative Technology and Exploring Engineering	9	1	4	0	10	0	10	0	14
2019	Pharmacological control of inflammation in wound healing	Shukla S.K., Sharma A.K., Gupta V., Yashavarddhan M.H.	0965206X	Journal of Tissue Viability	28	4	18	21	27	3	51	0	69
2019	Gray wolf optimizer approach to the reliability-cost optimization of residual heat removal system of a nuclear power plant safety system	Kumar A., Pant S., Ram M.	7488017	Quality and Reliability Engineering International	35	7	16	11	7	0	18	0	34
2019	Brokering in interconnected cloud computing environments: A survey	Chauhan S.S., Pilli E.S., Joshi R.C., Singh G., Govil M.C.	7437315	Journal of Parallel and Distributed Computing	133		20	18	9	2	29	0	49
2019	Organic LED based light sensor for detection of ovarian cancer	Negi S., Mittal P., Kumar B., Juneja P.K.	1679317	Microelectronic Engineering	218		8	9	4	1	14	0	22
2019	Preparation and Characterization of Nanosilica Based Superhydrophobic Antimicrobial Coatings and Evaluation of Bacterial Adhesion on Coated Surface	Mishra A., Loganathan H., Bhatt N.	9711198	Trends in Biomaterials and Artificial Organs	33	3	0	1	0	0	1	0	1
2019	A Two layer secure image encryption technique	Das I., Das S., Sahana S., Kumar A.		Proceedings - 2019 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2019	2019-		0	0	2	0	2	0	2
2019	Control of Stock Consistency in Head Box Approach Flow System	Juneja P.K., Chaturvedi M., Ray A.K., Joshi V., Belwal N.		2019 International Conference on Innovative Sustainable Computational Technologies, CISCT 2019			6	1	2	0	3	0	9

2019	Design of Controller for Stock Consistency Control using H-Infinity Mixed Sensitivity Approach	Saini P., Charu K., Bisht M.		2019 International Conference on Innovative Sustainable Computational Technologies, CISCT 2019			3	0	1	0	1	0	4
2019	Design of PI Controller for Consistency of Stock in Paper Machine Headbox using Particle Swarm Optimisation (PSO)	Saini P., Kumar R., Juneja P.K.		2019 International Conference on Innovative Sustainable Computational Technologies, CISCT 2019			1	1	1	0	2	0	3
2019	Fuzzy Reliability of Series-Parallel System Using UGF and Hesitant Fuzzy Set	Kumar A., Ram M., Joshi L.K.		2019 International Conference on Innovative Sustainable Computational Technologies, CISCT 2019			0	0	0	0	0	0	0
2019	Advance Botnet Detection Framework in Machine Learning	Rana N., Chaudhary A., Rawat R.S.		2019 International Conference on Innovative Sustainable Computational Technologies, CISCT 2019			0	1	0	0	1	0	1
2019	Mass Balance Equations for Retention and Basis Weight in a Paper Machine	Juneja P.K., Chaturvedi M., Ray A.K., Yadav G., Belwal N.		2019 International Conference on Innovative Sustainable Computational Technologies, CISCT 2019			2	0	0	0	0	0	2
2019	Design and Analysis of Twin S Shape Coriolis Mass Flow Sensor	Taluja R., Pant R., Patil P.P.		2019 International Conference on Innovative Sustainable Computational Technologies, CISCT 2019			0	0	0	0	0	0	0
2019	Advanced Spectrum Management for Next-Generation Vehicular Communication: An AI Approach	Sharma S., Ghanshala K.K., Mohan S.		2019 IEEE 10th Annual Information Technology, Electronics and Mobile Communication Conference, IEMCON 2019			9	0	0	0	0	0	9
2019	Hybrid Computational Intelligence Technique: Eczema Detection	Arora Y.K., Tandon A., Nijhawan R.	21593442	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2019-		3	3	1	0	4	0	7
2019	Role of user experience through electronic word of mouth about e-commerce platforms in re-patronage intentions of shoppers	Negi N.S., Kumar M.	22773878	International Journal of Recent Technology and Engineering	8	3	0	0	0	0	0	0	0
2019	Solution of nonlinear systems of equations via metaheuristics	Pant S., Kumar A., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	5	9	3	5	1	9	0	18
2019	ACOCA: Ant colony optimization based clustering algorithm for big data preprocessing	Singh N., Singh D.P., Pant B.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	5	6	7	6	0	13	0	19
2019	Effectiveness of SIP Server Under SIP Flooding Attack During VoIP Calls	Kumar S., Tiwari U.K., Kaur M.	9296212	Wireless Personal Communications	108	4	0	0	0	0	0	0	0
2019	Development of strain sensor using conductive poly(vinylidene fluoride) (PVDF) nanocomposite membrane reinforced with ionic liquid (IL) & carbon nanofiber (CNF)	Prasad B., Gill F.S., Panwar V., Anoop G.	13598368	Composites Part B: Engineering	173		20	11	11	0	22	0	42
2019	Lignocellulose derived functional oligosaccharides: production, properties, and health benefits	Bhatia L., Sharma A., Bachheti R.K., Chandel A.K.	10826068	Preparative Biochemistry and Biotechnology	49	8	18	19	25	2	46	0	64
2019	A review on mechanical and wear characteristics of particulate reinforced Al-alloy based MMC	Prakash M., Badhotiya G.K., Chauhan A.S.	0094243X	AIP Conference Proceedings	2148		1	1	3	0	4	0	5
2019	Decoupling control of headbox using particle swarm optimisation (PSO) algorithm	Saini P., Kumar R., Juneja P.K.		2019 2nd International Conference on Intelligent Communication and Computational Techniques, ICCT 2019			0	1	1	0	2	0	2
2019	Functionability Analysis of Redundant Systems having Multiple Configurations	Kumar P., Bensekrane I., Riad C., Conrard B., Toguyeni A., Merzouki R.	21621195	Conference on Control and Fault-Tolerant Systems, SysTol			0	0	0	0	0	0	0
2019	Blockchain-based internet of vehicles (IoV): An efficient secure ad hoc vehicular networking architecture	Sharma S., Ghanshala K.K., Mohan S.		IEEE 5G World Forum, 5GWF 2019 - Conference Proceedings			19	14	11	0	25	0	44
2019	Nanosilica based superhydrophobic coating for high efficient self cleaning solar panels	Mishra A., Bhatt N.	0971457X	Indian Journal of Chemical Technology	26	5	1	0	2	0	2	0	3
2019	An integrated deep learning framework of tomato leaf disease detection	Khurana J., Sharma A., Chhabra H.S., Nijhawan R.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	11	1	2	0	0	2	0	3
2019	A composite deep learning access for leaf species classification	Rautela Y.S., Garg K., Chhabra H.S., Nijhawan R.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	11	0	0	0	0	0	0	0
2019	Recommendation-based component selection for component-based systems	Negi D., Chauhan Y.S., Bhadula S., Harbola A., Shukla A.S.	22773878	International Journal of Recent Technology and Engineering	8	3	0	0	0	0	0	0	0
2019	Role of plant growth substances in regulating pseudomonocotyly and correlative inhibition in some alpine Himalayan rosettes	Pandey H., Pandey V., Nandi S.K., Palni L.M.S.	2546299	South African Journal of Botany	125		1	1	0	0	1	0	2
2019	pH dependent luminescence switching of tin disulfide quantum dots	Srivastava R.R., Mishra H., Singh V.K., Vikram K., Srivastava R.K., Srivastava S.K., Srivastava A.	222313	Journal of Luminescence	213		8	4	4	2	10	0	18
2019	MoS2-Modified Curcumin Nanostructures: The Novel Theranostic Hybrid Having Potent Antibacterial and Antibiofilm Activities against Multidrug-Resistant Hypervirulent Klebsiella pneumoniae	Singh A.K., Mishra H., Firdaus Z., Yadav S., Aditi P., Nandy N., Sharma K., Bose P., Pandey A.K., Chauhan B.S., Neogi K., Vikram K., Srivastava A., Kar A.G., Prakash P.	0893228X	Chemical Research in Toxicology	32	8	10	3	4	0	7	0	17
2019	Preface	Ram M., Dohi T.		Advances in Applied Mathematical Analysis and Applications			0	0	0	0	0	0	0
2019	Advances in applied mathematical analysis and applications	Ram M., Dohi T.		Advances in Applied Mathematical Analysis and Applications			0	0	0	0	0	0	0
2019	VMAnalyzer: Malware Semantic Analysis using Integrated CNN and Bi-Directional LSTM for Detecting VM-level Attacks in Cloud	Mishra P., Khurana K., Gupta S., Sharma M.K.		2019 12th International Conference on Contemporary Computing, IC3 2019			18	5	2	1	8	0	26
2019	Outlier detection in climatology time series with sliding window prediction	Mahajan M., Kumar S., Pant B.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	10	0	0	0	0	0	0	0

2019	Effects of stress among the faculty working in private universities and colleges with special reference to Uttarakhand (India)	Uniyal A.K., Dixit A.K., Kanojia P.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	10	0	0	0	0	0	0	0
2019	Applications of information and communication technology for sustainable growth of SMEs in India food industry	Singh R.K., Luthra S., Mangla S.K., Uniyal S.	9213449	Resources, Conservation and Recycling	147		49	31	33	0	64	0	113
2019	Flexible, Thin Composite Film to Enhance the Electromagnetic Compatibility of Biomedical Electronic Devices	Rathi V., Panwar V., Anoop G., Chaturvedi M., Sharma K., Prasad B.	189375	IEEE Transactions on Electromagnetic Compatibility	61	4	7	3	5	0	8	0	15
2019	Work-readiness integrated competence model: Conceptualisation and scale development	Prikshat V., Kumar S., Nankervis A.	400912	Education and Training	61	5	13	7	10	2	19	0	32
2019	Bioaugmentation of endosulfan contaminated soil in artificial bed treatment using selected fungal species	Bisht J., Harsh N.S.K., Palni L.M.S., Agnihotri V., Kumar A.	10889868	Bioremediation Journal	23	3	2	1	3	0	4	0	6
2019	Mobile Application for Storage and Retrieval of e-learning videos Using Hadoop	Parsola J., Gangodkar D., Mittal A.		Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019			1	3	1	0	4	0	5
2019	In-silico analysis and identification of functional single nucleotide polymorphism (SNPs) of the DISC1 gene	Tufchi N., Pant K., Waheed S.M., Devvret	9738916	Current Trends in Biotechnology and Pharmacy	13	3	1	0	0	0	0	0	1
2019	Suomi NPP Satellite Data Processing to Estimate Impact of Cyclone Fani on LU/LC	Shakya A.K., Ramola A., Tandon Y., Vidhyarthi A.		2019 10th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2019			2	0	0	0	0	0	2
2019	An efficient method for acclimatization: In vitro hardening of tissue culture-raised tea plants (Camellia sinensis (L.) O. Kuntze)	Bag N., Palni L.S., Nandi S.K.	113891	Current Science	117	2	8	1	6	0	7	0	15
2019	Surface ozone in the Doon Valley of the Himalayan foothills during spring	Ojha N., Girach I., Sharma K., Nair P., Singh J., Sharma N., Singh N., Flemming J., Inness A., Subrahmanyam K.V.	9441344	Environmental Science and Pollution Research	26	19	11	4	1	1	6	0	17
2019	Recent progress in the preparation, properties and applications of superhydrophobic nano-based coatings and surfaces: A review	Nguyen-Tri P., Tran H.N., Plamondon C.O., Tuduri L., Vo D.-V.N., Nanda S., Mishra A., Chao H.-P., Bajpai A.K.	3009440	Progress in Organic Coatings	132		128	75	62	9	146	0	274
2019	Production of biodiesel from citrus maxima (Chakotara) seed oil, a potential of non-food feedstock and its blends with n butanol-diesel and purification, utilization of glycerol obtained as by-product from biodiesel	Kumar S., Kaur G., Joshi A., Joshi H.C.	15567036	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	41	12	3	0	3	0	3	0	6
2019	An experimental and theoretical study of magnetocaloric effect in Nd0.5Dy0.5FeO3	Singh A., Rajput S., Padmanabhan B., Kaushik K., Anas M., Maitra T., Malik V.K.	9538984	Journal of Physics Condensed Matter	31	35	3	2	4	0	6	0	9
2019	Internet-of-things: Genesis, challenges and applications	Matta P., Pant B.	18234690	Journal of Engineering Science and Technology	14	3	11	5	5	1	11	0	22
2019	VProVal: Introspection based process validation for detecting malware in KVM-based cloud environment	Mishra P., Verma I., Gupta S., Rana V.S., Kadarla K.		2019 4th International Conference on Fog and Mobile Edge Computing, FMEC 2019			2	2	3	0	5	0	7
2019	Biodegradation of chlorinated organic pesticides endosulfan and chlorpyrifos in soil extract broth using fungi	Bisht J., Harsh N.S.K., Palni L.M.S., Agnihotri V., Kumar A.	10515658	Remediation	29	3	8	9	7	0	16	0	24
2019	A classification system for diabetic patients with machine learning techniques	Rawat V., Suryakant	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	3	4	6	7	0	13	0	17
2019	Modelling of PVDF/CNF conducting polymer nanocomposite	Prasad B., Arora S., Rathi V., Panwar V., Patil P.P.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	3	3	1	0	0	1	0	4
2019	Comparative analysis of controller tuning techniques for dead time processes	Saini P., Sharma C.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	3	0	0	3	0	3	0	3
2019	A method for considering error propagation in reliability estimation of component-based software systems	Malik P., Nautiyal L., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	3	2	4	3	0	7	0	9
2019	Evaluation of ambient air quality in Dehradun city during 2011–2014	Deep A., Pandey C.P., Nandan H., Purohit K.D., Singh N., Singh J., Srivastava A.K., Ojha N.	23474327	Journal of Earth System Science	128	4	9	2	6	1	9	0	18
2019	Hospitality interest and inferred domains: A comparative study among Indian and Malaysian students	Garg A., Garg J.	9746250	International Journal of Hospitality and Tourism Systems	12	1	1	0	0	0	0	0	1
2019	A Multimodal Approach for Automatic Cricket Video Summarization	Bhalla A., Ahuja A., Pant P., Mittal A.		2019 6th International Conference on Signal Processing and Integrated Networks, SPIN 2019			6	6	3	1	10	0	16
2019	Mathematical modelling of system resilience	Das K., Ram M.		Mathematical Modelling of System Resilience			0	1	0	0	1	0	1
2019	Small quadrotor functioning under rework analysis	Goyal N., Dua A.K., Bhardwaj A., Kumar A., Ram M.		Mathematical Modelling of System Resilience			0	0	0	0	0	0	0
2019	When challenges impede the process: For circular economy-driven sustainability practices in food supply chain	Sharma Y.K., Mangla S.K., Patil P.P., Liu S.	251747	Management Decision	57	4	48	36	40	4	80	0	128
2019	Detection of spatial outlier by using improved Z-score test	Aggarwal V., Gupta V., Singh P., Sharma K., Sharma N.		Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019	2019-		8	7	13	1	21	0	29
2019	Mobile application based cataract detection system	Agarwal V., Gupta V., Vashisht V.M., Sharma K., Sharma N.		Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019			1	9	4	0	13	0	14
2019	Using Gaussian mixture model to detect changes for high-resolution satellite images	Agarwal V., Gupta V., Aggarwal N., Sharma K., Sharma N.		Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019			0	0	0	0	0	0	0

2019	Selection of components using rate-of-reusability and matrix-of-reusability	Tiwari U.K., Kumar S.	18234690	Journal of Engineering Science and Technology	14	2	0	0	0	0	0	0	0
2019	A research on deep learning advance for landslide classification using convolutional neural networks	Bhatt J., Gangwar A., Nijhawan R., Gangodkar D.	22783075	International Journal of Innovative Technology and Exploring Engineering	8	6	0	0	1	0	1	0	1
2019	Design of PID Controller for Paper Machine Headbox using Particle Swarm Optimisation (PSO)	Saini P., Kumar R.		Proceedings - 2019 4th International Conference on Internet of Things: Smart Innovation and Usages, IoT-SIU 2019			3	1	0	0	1	0	4
2019	Agile Data Mining Approach for Medical Image Mining	Koli R., Pal R., Chaube N., Joshi K., Maithani A.		2019 International Conference on Automation, Computational and Technology Management, ICACTM 2019			1	0	0	0	0	0	1
2019	Computational approach for sirna based rna interference of atp synthase subunit alpha coding gene of different strains of mycobacterium tuberculosis	Devvret, Tufchi N., Pant K., Thapliyal A.	9752366	International Journal of Pharmaceutical Research	11	2	0	0	0	0	0	0	0
2019	Waste utilization of amla pomace and germinated finger millets for value addition of biscuits	Kohli D., Kumar A., Kumar S., Upadhyay S.	2347467X	Current Research in Nutrition and Food Science	7	1	3	4	7	1	12	0	15
2019	Acetone Tracer Laser-Induced Fluorescence (LIF) at 282 nm Excitation as a Diagnostic Tool in Elevated Pressure and Temperature Systems	Hartwig J., Mittal G., Sung C.-J.	37028	Applied Spectroscopy	73	4	1	1	2	0	3	0	4
2019	Real time security framework for detecting abnormal events at ATM installations	Tripathi V., Mittal A., Gangodkar D., Kanth V.	18618200	Journal of Real-Time Image Processing	16	2	9	4	7	0	11	0	20
2019	Classification of Textual Data in Distributed Environment	Gupta S., Kumar V., Pant B.		Proceedings - 2018 2nd International Conference on Advances in Computing, Control and Communication Technology, IAC3T 2018			0	1	0	0	1	0	1
2019	Current update on rapamycin production and its potential clinical implications	Patel G.K., Goyal R., Waheed S.M.		High Value Fermentation Products, Volume 1: Human Health			0	0	0	0	0	0	0
2019	Reduced order modelling based control of two wheeled mobile robot	Sikander A., Prasad R.	9565515	Journal of Intelligent Manufacturing	30	3	8	6	5	0	11	0	19
2019	The Relationship of Visiting Insect Diversity and Density of Valeriana jatamansi with Increasing Altitude in Western Himalaya	Jugran A.K., Joshi R.K., Bhatt I.D., Rawal R.S., Palni L.M.S.	3698211	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	89	1	2	1	1	0	2	0	4
2019	Security concerns in data warehouses: Implementation and analysis of virtual private database	Tripathi V., Agarwal R., Pandey P., Ajith Kumar S.P.		Proceedings of the 2019 6th International Conference on Computing for Sustainable Global Development, INDIACom 2019			0	0	0	0	0	0	0
2019	A framework for analyzing the exercise and athletic activities	Bose C., Sharma D., Tripathi V., Singh A., Pandey P.		Proceedings of the 2019 6th International Conference on Computing for Sustainable Global Development, INDIACom 2019			1	1	0	0	1	0	2
2019	Identifying outliers for climatology time variant series with sliding window	Ajith Kumar S.P., Pandey P., Mehta K., Kumar M.		Proceedings of the 2019 6th International Conference on Computing for Sustainable Global Development, INDIACom 2019			0	0	0	0	0	0	0
2019	Study of GPS C/No ratio for retrieval of Surface Soil Moisture	Pandey J., Prakash R., Ray A., Chamoli V., Vidyarthi A.		2019 International Conference on Signal Processing and Communication, ICSC 2019			2	3	0	0	3	0	5
2019	An overview of the recent trends on the waste valorization techniques for food wastes	Nayak A., Bhushan B.	3014797	Journal of Environmental Management	233		119	63	64	5	132	0	251
2019	Bumblebees (Bombus rufofasciatus Smith) pollinate the enclosed inflorescences of the endangered Brahma's lotus (Saussurea obvallata: Asteraceae) of the Indian Himalaya	Semwal P., Pauw A., Palni L.M.S., Verma S., Thapliyal A.	2546299	South African Journal of Botany	121		5	1	1	0	2	0	7
2019	Efficient Video Object Co-Localization with Co-Saliency Activated Tracklets	Jerripothula K.R., Cai J., Yuan J.	10518215	IEEE Transactions on Circuits and Systems for Video Technology	29	3	12	3	7	0	10	0	22
2019	Rain gardens as stormwater management tool	Malaviya P., Sharma R., Sharma P.K.		Sustainable Green Technologies for Environmental Management			7	5	9	1	15	0	22
2019	Pneumonia Detection Using CNN based Feature Extraction	Varshni D., Thakral K., Agarwal L., Nijhawan R., Mittal A.		Proceedings of 2019 3rd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2019			79	63	87	4	154	0	233
2019	Basics of CNC programming	Negi P.K., Ram M., Yadav O.P.		Basics of CNC Programming			0	0	0	0	0	0	0
2019	Environmental Impact of Fly Ash Brick in Comparison with Traditional Brick	Sharma A.K., Kumar S., Mishra N.	25225022	Lecture Notes on Multidisciplinary Industrial Engineering	244		0	0	0	0	0	0	0
2019	Land Use/Land Cover Change Analysis of Doon Valley Using ArcGIS Tools	Mishra N., Kumar S., Nikam B.R.	25225022	Lecture Notes on Multidisciplinary Industrial Engineering	244		0	0	0	0	0	0	0
2019	Marine Debris in India: Quantifying Type and Abundance of Beach Litter Along Chennai, East Coast of India	Arun Kumar A., Sivakumar R., Sai Rutwik Y., Nishanth T., Revanth V., Kumar S.	25225022	Lecture Notes on Multidisciplinary Industrial Engineering	244		0	1	2	0	3	0	3
2019	Change Detection of Land Use/Land Cover of Sardar Sorovar Command Area, India, Using Arc-Gis Tools	Shafai S.S., Mishra N., Kumar S., Kumar M.	25225022	Lecture Notes on Multidisciplinary Industrial Engineering	244		0	0	0	0	0	0	0
2019	Smart ambulance traffic management system (SATMS)—a support for wearable and implantable medical devices	Dumka A., Sah A.		Wearable and Implantable Medical Devices: Applications and Challenges			2	2	2	0	4	0	6
2019	Smart ambulance system using concept of big data and internet of things	Dumka A., Sah A.		Healthcare Data Analytics and Management			21	4	7	0	11	0	32
2019	Land Cover/Land Use Change and Fragmentation in Uttarakhand, the Western Himalaya Based on GlobeLand30 Datasets	Arun Kumar A., Gaur T., Upgupta S., Ramesh K., Kumar S.	25225022	Lecture Notes on Multidisciplinary Industrial Engineering	244		0	2	1	0	3	0	3
2019	Plant-Mediated Synthesis of Copper Oxide Nanoparticles and Their Biological Applications	Joshi A., Sharma A., Bachheti R.K., Husen A., Mishra V.K.		Nanomaterials and Plant Potential			16	8	17	0	25	0	41

2019	Green Synthesis of Iron Oxide Nanoparticles: Cutting Edge Technology and Multifaceted Applications	Bachheti R.K., Konwarh R., Gupta V., Husen A., Joshi A.		Nanomaterials and Plant Potential			8	4	18	0	22	0	30
2019	Grain size and viscosity behaviour of developed agglomerated fluxes during submerged arc welding	Kumar A., Arindam G., Sudhir K., Prakash Dwivedi S.	22147853	Materials Today: Proceedings	34		0	0	2	0	2	0	2
2019	Security and challenges in mobile cloud computing	Dumka A., Memoria M., Ashok A.		Security Designs for the Cloud, IoT, and Social Networking			0	0	0	0	0	0	0
2019	Smart information technology for universal healthcare	Dumka A.		Healthcare Data Analytics and Management			5	2	1	0	3	0	8
2019	In Silico Drug Repurposing for MDR Bacteria: Opportunities and Challenges	Gautam P., Pal M.K., Chaudhry V.		In Silico Drug Design: Repurposing Techniques and Methodologies			1	0	0	0	0	0	1
2019	Impact of relative roughness height on the materialistic thermohydraulic performance of the multiple V-ribbed solar air heater	Bansal G., Kishore C., Dogra V., Bansal A., Keshar R.	22147853	Materials Today: Proceedings	26		1	2	2	1	5	0	6
2019	Development of an accurate CAD model of femur bone	Nithin Kumar K.C., Chavadaki S., Chaudhry V., Singh D.P., Shaikh A.	22147853	Materials Today: Proceedings	26		0	1	0	0	1	0	1
2019	Stain etching of silicon with V2O5 and FeCl3: Effect of etching time on photoluminescence	Juyal S., Kumar Y., Prasad B., Panwar V., Dhiman N., Nithin Kumar K.C., Gill F.S.	22147853	Materials Today: Proceedings	26		1	0	0	0	0	0	1
2019	Computational stress analysis of Chicken Feather Fibre (CFF) with Epoxy-Resin matrix composite material	Manral A.R.S., Gariya N., Bansal G., Singh H.P., Rawat A.	22147853	Materials Today: Proceedings	26		3	2	1	0	3	0	6
2019	Friction and wear characteristics of the castor oil with TiO2 as an additives	Singh Y., Chaudhary V., Pal V.	22147853	Materials Today: Proceedings	26		10	3	6	1	10	0	20
2019	Static structural analysis of hip joint to find out the fracture	Chaudhry V., Joshi V., Saini S.K., Shaikh A., Nithin Kumar K.C., Avikal S.	22147853	Materials Today: Proceedings	26		1	0	1	0	1	0	2
2019	Static structural analysis of humerus bone to find out the load at which fracture occurs and predict suitable alternative materials for bone implants	Chaudhry V., Nithin Kumar K.C., Panwar K.S., Shaikh A., Avikal S.	22147853	Materials Today: Proceedings	26		2	1	0	0	1	0	3
2019	Weight optimization of a hat stiffened panel of a typical transport aircraft composite wing	Nithin Kumar K.C., Chavadaki S., Shaikh A., Singh D.P., Avikal S.	22147853	Materials Today: Proceedings	26		1	0	1	0	1	0	2
2019	Finite element analysis of UD carbon-epoxy laminate under in-plane load	Griya N., Nithin Kumar K.C., Singh D.P., Shaikh A.	22147853	Materials Today: Proceedings	26		0	0	0	0	0	0	0
2019	Development of the Calophyllum inophyllum based biolubricant and their tribological analysis at different conditions	Zaid M., Singh Y., Kumar A., Gupta S.	22147853	Materials Today: Proceedings	26		2	1	1	0	2	0	4
2019	Effect of absorbing material on the performance of solar still: A mini review	Bansal G., Singh D.B., Kishore C., Dogra V.	22147853	Materials Today: Proceedings	26		6	7	2	0	9	0	15
2019	Modal analysis of Humerus bone using CAE tools	Shaikh A., Negi S., Aswal A., Chaudhry V., Kishore C., Nithin Kumar K.C.	22147853	Materials Today: Proceedings	26		1	0	2	0	2	0	3
2019	Development of flexible PVDF/PAMPS polyelectrolyte proton conductive membrane	Debbarma L., Panwar V., Khanduri P., Panwar L.S.	22147853	Materials Today: Proceedings	26		0	2	0	0	2	0	2
2019	To study the effect of drilling process parameters on glass fiber reinforced composite	Bhardwaj A., Vats A., Rathour N.S., Kumar N., Johri N., Kandpal B.C., Bhardwaj K., Srivastava A.	22147853	Materials Today: Proceedings	26		0	0	0	0	0	0	0
2019	Weight optimization of metal T stiffened panel of a transport aircraft wing using CAE tools	Shaikh A., Nithin Kumar K.C., Avikal S., Harshit, Chavadak S.	22147853	Materials Today: Proceedings	26		0	0	0	0	0	0	0
2019	A fuzzy-AHP and M - TOPSIS based approach for selection of composite materials used in structural applications	Singh A.K., Avikal S., Nithin Kumar K.C., Kumar M., Thakura P.	22147853	Materials Today: Proceedings	26		10	6	7	0	13	0	23
2019	Development of magnetic-biochar nano-composite: Assessment of its physico-chemical properties	Bhushan B., Gupta V., Kotnala S.	22147853	Materials Today: Proceedings	26		4	3	5	0	8	0	12
2019	Structural and modal analysis of chicken feather fibre (CFF) with epoxy-resin matrix composite material	Manral A.R.S., Gariya N., Bansal G., Singh H.P., Negi P.	22147853	Materials Today: Proceedings	26		3	2	2	0	4	0	7
2019	Impedance characteristics analysis of rGO/polymers (PVDF, PMMA, PTFE) nanocomposite membranes	Uniyal D., Prasad B., Nithin Kumar K.C., Chandra S., Panwar V., Juneja P., Agarwal V., Gill F.S.	22147853	Materials Today: Proceedings	26		0	3	1	0	4	0	4
2019	Structural analysis of femur bone to predict the suitable alternative material	Nithin Kumar K.C., Griya N., Shaikh A., Chaudhry V., Chavadaki S.	22147853	Materials Today: Proceedings	26		4	5	4	0	9	0	13
2019	Thermochemical conversion of non-food feedstock of moringa oleifera seed bio-oil to the biodiesel and its blends with N-butanol-diesel and utilization of glycerol obtained as by-product	Joshi H.C., Singh J., Aggarwal A.	2557193	Clay Research	38	2	0	1	3	0	4	0	4
2019	Grey based Taguchi optimization for multi-lobe bearing	Avikal S., Nithin Kumar K.C., Singh A.R., Jain R.	22147853	Materials Today: Proceedings	26		2	2	1	0	3	0	5
2019	Effect of Jojoba oil based biolubricant additive on the friction and wear characteristics of the Al-7Si alloy	Gupta S., Zaid M., Kumar A., Singh Y.	22147853	Materials Today: Proceedings	26		5	4	3	1	8	0	13
2019	Morphological and anatomical characterization of bleached soda, soda-AQ and kraft pulps from essential oil isolated citronella grass	Sharma N., Bhawana, Godiyal R.D., Thapliyal B.P., Anupam K.	22147853	Materials Today: Proceedings	32		1	2	2	0	4	0	5
2019	Microstructural characterization, applications and process study of various additive manufacturing process: A review	Bansal G., Singh D.B., Virk H.S., Devrani A., Bhandari A.	22147853	Materials Today: Proceedings	26		7	5	2	3	10	0	17
2019	Innovative study of EPQ model with time induced demand under decline release	Tripathi R.P., Mishra S.	23831359	International Journal of Supply and Operations Management	6	3	1	0	1	0	1	0	2
2019	Nanostructured superhydrophobic coatings for solar panel applications	Mishra A., Bhatt N., Bajpai A.K.		Nanomaterials-Based Coatings: Fundamentals and Applications			9	5	15	1	21	0	30
2019	Comparative analysis of fungal and bacterial enzymes in biodegradation of xenobiotic compounds	Gangola S., Joshi S., Kumar S., Pandey S.C.		Smart Bioremediation Technologies: Microbial Enzymes			11	9	15	1	25	0	36
2019	Major metabolites after degradation of xenobiotics and enzymes involved in these pathways	Bhatt P., Pathak V.M., Joshi S., Bisht T.S., Singh K., Chandra D.		Smart Bioremediation Technologies: Microbial Enzymes			14	4	8	1	13	0	27
2019	A novel deep learning framework approach for waste segregation	Nijhawan R., Singh A.K., Gangwar A.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	11	3	0	0	0	0	0	0	0

2019	A novel ada boost approach to detect out the magnitude of trash	Chaudhary M., Agarwal P., Nijhawan R.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	11	3	0	0	0	0	0	0	0
2019	IoMT Malware Detection Approaches: Analysis and Research Challenges	Wazid M., Das A.K., Rodrigues J.J.P.C., Shetty S., Park Y.	21693536	IEEE Access	7		30	26	36	6	68	0	98
2019	Characterization of PVDF-Gr composite films for electromagnetic interference shielding application	Rathi V., Panwar V., Prasad B.	19376480	Progress in Electromagnetics Research Letters	88		4	1	4	0	5	0	9
2019	Texture Redefined: A Second Order Statistical Based Approach for Brodatz Dataset Samples 1–35 (A)	Shakya A.K., Tiwari S., Vidyarthi A., Prakash R.	18650929	Communications in Computer and Information Science	922		0	0	0	0	0	0	0
2019	Bioinspired immune system for intrusions detection system in self configurable networks	Mohd N., Singh A., Bhadauria H.S.	2158107X	International Journal of Advanced Computer Science and Applications	10	10	1	0	0	0	0	0	1
2019	Analysis of issues in SDN security and proposal of an optimized routing algorithm	Dumka A., Ahmad A., Bansal P.K., Vyas D.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	11	10	0	0	0	0	0	0	0
2019	Reliability appraisal for consecutive-k-out-of-n:F system of non-identical components with intuitionistic fuzzy set	Kumar A., Singh S.B., Ram M.	17457645	International Journal of Operational Research	36	3	6	4	7	0	11	0	17
2019	Numerical investigation of heat transfer of MHD nanofluid over a vertical cone due to viscous-ohmic dissipation and slip boundary conditions	Mishra A., Pandey A.K., Kumar M.	25724258	Nanoscience and Technology	10	2	4	5	0	0	5	0	9
2019	Vmprotector: malign process detection for protecting virtual machines in cloud environment	Mishra P., Negi A., Pilli E.S., Joshi R.C.	18650929	Communications in Computer and Information Science	1045		5	1	0	0	1	0	6
2019	An ionic polymer-metal nanocomposite sensor using the direct attachment of an acidic ionic liquid in a polymer blend	Panwar V., Gopinathan A.	20507534	Journal of Materials Chemistry C	7	30	3	3	5	0	8	0	11
2019	Capacity of dual branch MRC system for correlated imbalanced average SNRs over Nakagami-m fading channels using OPRA scheme	Yengkhom A., Devi P.B., Hasan M.I., Chandwani G.	17411084	International Journal of Wireless and Mobile Computing	17	4	0	0	0	0	0	0	0
2019	Isolation and characterization of dominant fungi from rhizospheric soil of Saussurea obvallata (DC.) Edgew. (Brahma Kamal) of the Indian Himalayan Region	Mitra D., Rani A., Palni L.M.S., Sharma K., Uniyal N., Chauhan A., Semwal P., Arya P.	9737510	Journal of Pure and Applied Microbiology	13	3	0	1	0	0	1	0	1
2019	Decision-making styles of young Indian consumers in the context of online shopping	Kumar S., Belwal R., Raina K.	14775212	International Journal of Internet Marketing and Advertising	13	3	0	2	1	0	3	0	3
2019	Special issue on applied mathematical techniques in engineering applications and related topics-I	Ram M., Davim J.P.	13598678	Nonlinear Studies	26	2	0	0	0	0	0	0	0
2019	Response surface optimization of fermenting parameters for the production of beer from finger millet and apple juice by using Box-Behnken design	Kumar S., Saini H., Kumar V., Kohli D., Joshi J., Wilson I.	20666845	Carpathian Journal of Food Science and Technology	11	3	2	1	2	0	3	0	5
2019	Solution of convection diffusion equation via a collocation method based on modified cubic trigonometric B-splines	Tamsir M., Dhiman N.	13598678	Nonlinear Studies	26	2	2	1	1	0	2	0	4
2019	Reliability estimation of component based software system with path based model	Dimri S.C., Tiwari U.K., Ram M.	13598678	Nonlinear Studies	26	2	2	1	0	0	1	0	3
2019	Special issue on applied mathematical techniques in engineering applications and related topics-II	Ram M., Davim J.P.	13598678	Nonlinear Studies	26	3	0	0	0	0	0	0	0
2019	Multispectral image demosaicking using limited MSFA sensors	Gupta M., Goyal P., Ram M.	13598678	Nonlinear Studies	26	3	1	1	0	0	1	0	2
2019	2-out-of-3: F system analysis under catastrophic failure	Tyagi V., Arora R., Ram M., Yadav O.P.	13598678	Nonlinear Studies	26	3	3	2	1	0	3	0	6
2019	Velocity, thermal and concentration slip effects on MHD silver-water nanofluid flow past a permeable cone with suction/injection and viscous-ohmic dissipation	Mishra A., Pandey A.K., Kumar M.	10642285	Heat Transfer Research	50	14	17	4	9	0	13	0	30
2019	A comparative study of PID controller tuning techniques for time delay processes	Ahamad N., Uniyal S., Sikander A., Singh G.	22863540	UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science	81	3	2	5	3	0	8	0	10
2019	A novel adaboost approach for cloud type classification	Alam N., Agarwal S., Gautam M., Srivasata A., Nijhawan R.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	11	6	1	0	0	0	0	0	1
2019	Inventory model with quantity discount, pricing and partial backlogging for a deteriorating items	Tripathi R.P., Singh D., Singh D., Rao P.	17457645	International Journal of Operational Research	35	2	2	3	3	0	6	0	8
2019	DQM based on the modified form of CTB shape functions for Coupled Burgers' equation in 2D and 3D	Tamsir M., Dhiman N.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	4	2	2	2	0	4	0	6
2019	Deformation in the kangra reentrant, himachal pradesh of nw-sub himalaya of India: A paradox	Singh T., Awasthi A.K.	21979545	Springer Geology			2	1	0	0	1	0	3
2019	Modified extended cubic B-spline collocation technique for Fisher's type equations	Dhiman N., Tamsir M.	20413165	Mathematics in Engineering, Science and Aerospace	10	2	1	0	0	0	0	0	1
2019	Mathematical techniques applied in engineering and healthcare	Ram M., Anand A.	20413165	Mathematics in Engineering, Science and Aerospace	10	2	0	0	0	0	0	0	0
2019	Second-order multiobjective nondifferentiable fractional programming problem and duality relations under (K×Q)-(C,α,r,d)- type-I functions	Dubey R., Singh T.	20413165	Mathematics in Engineering, Science and Aerospace	10	2	2	0	0	0	0	0	2
2019	An optimization of fuzzy EOQ model in healthcare industries with three different demand pattern using signed distance technique	Rajput N., Pandey R.K., Singh A.P., Chauhan A.	20413165	Mathematics in Engineering, Science and Aerospace	10	2	8	14	1	1	16	0	24
2019	Duality relations for a nondifferentiable minimax fractional programming problem under generalized convexity	Dubey R., Singh T., Tripathi A., Kumar D.	13598678	Nonlinear Studies	26	2	3	0	0	0	0	0	3
2019	Radial oscillations of differentially rotating stellar models: Effect of mass variation	Singh K.K., Saini S., Kumar S.	20413165	Mathematics in Engineering, Science and Aerospace	10	2	1	0	0	0	0	0	1
2019	Fusion of IoT and Machine Learning Approach to Prevent Confidential Data from Digital Crimes and Cyber Mugging for Covert Transmission	Shakya A.K., Ramola A., Pokhariya H.S., Kandwal A.	18761100	Lecture Notes in Electrical Engineering	553		3	1	1	0	2	0	5
2019	Change Over Time in Grey Levels of Multispectral Landsat 5™/8OLI Satellite Images	Shakya A.K., Ramola A., Kandwal A., Prakash R.	18761100	Lecture Notes in Electrical Engineering	556		4	2	1	0	3	0	7
2019	Fuzzy logic modeling of explanatory variables of catalytic convertor of an automobile for prediction of CO2 emission	Verma R.P., Kumar A., Chauhan P.K., Dimri A.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	0	0	0
2019	Robust Moving Object Detection and Tracking Framework Using Linear Phase FIR Filter	Saxena T., Tripathi V., Chandola A., Garg S.	18650929	Communications in Computer and Information Science	985		1	0	0	0	0	0	1
2019	Estimation of plastic zone at crack tip under fatigue loading of AA6061-T6 aluminum alloy by finite element analysis using ANSYS	Gori Y., Verma R.P.	21954356	Lecture Notes in Mechanical Engineering			1	0	0	0	0	0	1

2019	Multi-objective grey wolf optimizer approach to the reliability-cost optimization of life support system in space capsule	Kumar A., Pant S., Ram M., Chaube S.	9756809	International Journal of Systems Assurance Engineering and Management			17	7	4	1	12	0	29
2019	Adsorption of heavy metals using mixture of waste products	Shalini, Naithani P.	9707077	Asian Journal of Chemistry	31	5	1	1	0	0	1	0	2
2019	A robust framework for effective human activity analysis	Srivastava A.K., Biswas K.K., Tripathi V.	23673370	Lecture Notes in Networks and Systems	56		1	0	0	0	0	0	1
2019	Morphological Change Detection in Terror Camps of Area 3 and 4 by Pre- and Post-strike Through MOAB: B	Shakya A.K., Ramola A., Kandwal A., Mittal P., Prakash R.	18761100	Lecture Notes in Electrical Engineering	537		6	3	0	0	3	0	9
2019	Morphological Change Detection in Terror Camps of Area 1 and 2 by Pre- and Post-strike Through MOAB: A	Shakya A.K., Ramola A., Kandwal A., Mittal P., Prakash R.	18761100	Lecture Notes in Electrical Engineering	537		10	2	0	0	2	0	12
2019	Analyzing Challenges to Transportation for Successful Sustainable Food Supply Chain Management Implementation in Indian Dairy Industry	Sharma Y.K., Mangla S.K., Patil P.P.	23673370	Lecture Notes in Networks and Systems	40		4	6	9	0	15	0	19
2019	A Novel Deep Learning Framework Approach for Natural Calamities Detection	Nijhawan R., Rishi M., Tiwari A., Dua R.	23673370	Lecture Notes in Networks and Systems	40		5	5	5	0	10	0	15
2019	A critical evaluation of the hotel classification system of India	Sufi T., Singh S.	9752854	Prabandhan: Indian Journal of Management	12	2	4	0	0	0	0	0	4
2019	Efficient motion encoding technique for activity analysis at ATM premises	Bajaj P., Pandey M., Tripathi V., Sanserwal V.	21945357	Advances in Intelligent Systems and Computing	713		1	0	0	0	0	0	1
2019	GPU-based approach for human action recognition in video	Dutta I., Tripathi V., Dabral V., Sharma P.	21945357	Advances in Intelligent Systems and Computing	713		0	0	0	0	0	0	0
2019	Action recognition framework based on normalized local binary pattern	Singhal S., Tripathi V.	21945357	Advances in Intelligent Systems and Computing	713		0	0	1	0	1	0	1
2019	Reliability measures of two dissimilar units parallel system using Gumbel-Hougaard family copula	Chopra G., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	1	9	2	7	0	9	0	18
2019	Computation interval-valued reliability of sliding window system	Kumar A., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	4	1	8	5	5	1	11	0	19
2019	Time-series outlier detection using enhanced k-means in combination with PSO algorithm	Kant N., Mahajan M.	18761100	Lecture Notes in Electrical Engineering	478		7	2	3	0	5	0	12
2019	An effective video surveillance framework for ragging/violence recognition	Sharma A., Tripathi V., Gangodkar D.	21945357	Advances in Intelligent Systems and Computing	828		2	1	0	0	1	0	3
2019	Crop monitoring using IoT: A neural network approach	Pandey R.K., Kumar S., Jha R.K.	21945357	Advances in Intelligent Systems and Computing	742		1	0	0	0	0	0	1
2019	An efficient algorithm to minimize EVM over ZigBee	Bhardwaj A., Singh D.P.	21945357	Advances in Intelligent Systems and Computing	742		0	0	0	0	0	0	0
2019	Study and analysis of different kinds of data samples of vehicles for classification by bag of feature Technique	Singh A., Kumar R., Tripathi R.P.	21945357	Advances in Intelligent Systems and Computing	742		3	1	0	0	1	0	4
2019	Improved rotated local binary pattern	Khare D., Gangodkar D.R., Dwivedi S.	21945357	Advances in Intelligent Systems and Computing	808		0	0	0	0	0	0	0
2019	DDITA: A naive security model for IoT resource security	Matta P., Pant B., Tiwari U.K.	21945357	Advances in Intelligent Systems and Computing	670		4	0	7	0	7	0	11
2019	A futuristic deep learning framework approach for land use-land cover classification using remote sensing imagery	Nijhawan R., Joshi D., Narang N., Mittal A., Mittal A.	21945357	Advances in Intelligent Systems and Computing	702		16	12	3	1	16	0	32
2019	A detailed investigation and analysis of using machine learning techniques for intrusion detection	Mishra P., Varadharajan V., Tupakula U., Pilli E.S.	1553877X	IEEE Communications Surveys and Tutorials	21	1	171	99	109	5	213	0	384
2018	Detection of Ovarian Cancer using Organic Light Emitting Diodes	Negi S., Mitta P., Kumar B., Bhatia A.		2018 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2018			2	0	0	0	0	0	2
2018	Impact of Different Organic Semiconductor Materials on Performance of Dual Gate OTFT	Singh V.K., Srivastava R., Pal S., Baliga A.K., Kumar B.		2018 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2018			0	0	0	0	0	0	0
2018	Performance Analysis of Single and Dual Gate Vertical Channel Organic Thin Film Transistor	Rathi R., Ahmad R., Negi S., Panwar V.		2018 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2018			1	0	1	0	1	0	2
2018	Significance of Pass Transistor Logic in Organic Electronic Circuits	Singh Rathod A.P., Mittal P., Kumar B., Jain A.B.		2018 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2018			0	0	0	0	0	0	0
2018	Bond Graph Model-Based Control of the Quadcopter Dynamics	Matouk D., Ahmad F., Kumar P., Merzouki R., Singh M., Abdessemed F.		2018 7th International Conference on Systems and Control, ICSC 2018			4	1	1	0	2	0	6
2018	Estimation and smoothing of tec from navic dual frequency data	Sinha S., Mathur R., Bharadwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.		2018 4th International Conference on Computing Communication and Automation, ICCCA 2018			5	5	2	0	7	0	12
2018	Modeling and analysis of slow varying troposcatter channel	Bhardwaj S.C., Vidyarthi A., Jassal B.S.		2018 4th International Conference on Computing Communication and Automation, ICCCA 2018			0	0	1	0	1	0	1
2018	Analyzing risks in safety and security of food using grey relational analysis	Sharma Y.K., Patil P.P., Mangla S.K.	9766340	International Journal of Mechanical Engineering and Technology	9	12	3	0	0	0	0	0	3
2018	Post event investigation of multi-stream video data utilizing hadoop cluster	Parsola J., Gangodkar D., Mittal A.	20888708	International Journal of Electrical and Computer Engineering	8	6	6	2	2	0	4	0	10
2018	Real-time implementation and performance optimization of local derivative pattern algorithm on GPUS	Chandran S.N., Gangodkar D., Mittal A.	20888708	International Journal of Electrical and Computer Engineering	8	6	2	0	0	0	0	0	2
2018	Lantana camara enhances antibacterial potency of antibiotics and exerts synergistic inhibitory effect against pathogenic bacterial species	Anand J., Choudhary S., Rai N.	15982386	Oriental Pharmacy and Experimental Medicine	18	4	1	0	1	0	1	0	2
2018	Energy Efficient Target Tracking with Collision Avoidance in WSNs	Kumar S., Sudhir, Tiwari U.K.	9296212	Wireless Personal Communications	103	3	4	1	3	0	4	0	8
2018	Effect of Automation on GRR in Tactile Measurement	Dev A., Jha P.K., Parkash V.	9703950	Mapan - Journal of Metrology Society of India	33	4	1	1	1	0	2	0	3

2018	Impact of different layers on performance of OLED	Negi S., Mittal P., Kumar B.	9467076	Microsystem Technologies	24	12	27	13	11	3	27	0	54
2018	Electromagnetic Interference Shielding Analysis of Conducting Composites in Near-and Far-Field Region	Rathi V., Panwar V.	189375	IEEE Transactions on Electromagnetic Compatibility	60	6	18	10	11	1	22	0	40
2018	A Deep Learning Framework for Recognition of Various Skin Lesions due to Diabetes	Gupta T., Saini S., Saini A., Aggarwal S., Mittal A.		2018 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2018			1	2	2	0	4	0	5
2018	Development of a GUI for Delineation of Wetlands using SAR Data	Kandwal A., Prakash R.		2018 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2018			0	0	0	0	0	0	0
2018	Sensitivity analysis of a hydroelectric production power plant under reworking scheme using fuzzy AHP approach	Ram M., Chandna R.	21681015	Journal of Industrial and Production Engineering	35	8	2	4	4	0	8	0	10
2018	Recovery of polyphenols onto porous carbons developed from exhausted grape pomace: A sustainable approach for the treatment of wine wastewaters	Nayak A., Bhushan B., Rodriguez-Turienzo L.	431354	Water Research	145		21	8	9	1	18	0	39
2018	Performance Analysis of Channels of Mimo System with Respect to Adjacent Co-Channel Interference Using QAM Modulation Technique	Belwal N., Iethi G., Pant M., Joshi N.		2018 3rd International Conference for Convergence in Technology, I2CT 2018			0	0	0	0	0	0	0
2018	A Security System Using Deep Learning Approach for Internet of Vehicles (IoV)	Sharma S., Ghanshala K.K., Mohan S.		2018 9th IEEE Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2018			11	6	2	0	8	0	19
2018	Green store attributes and infrastructure: A connecting link between retailers and consumers to bring sustainability	Bhatti K.K., Negi A.	9766308	International Journal of Civil Engineering and Technology	9	11	1	1	0	0	1	0	2
2018	Cloud testing-the future of contemporary software testing	Mittal V., Nautiyal L., Mittal M.		Proceedings - 2017 International Conference on Next Generation Computing and Information Systems, ICNGCIS 2017			1	1	1	0	2	0	3
2018	Modeling of Stock Consistency in the Approach Flow System of the Headbox	Juneja P.K., Chaturvedi M., Suman S., Antil K.		Proceedings - 2018 3rd International Conference On Internet of Things: Smart Innovation and Usages, IoT-SIU 2018			7	0	1	0	1	0	8
2018	A comprehensive study of big data machine learning approaches and challenges	Singh N., Singh D.P., Pant B.		Proceedings - 2017 International Conference on Next Generation Computing and Information Systems, ICNGCIS 2017			4	4	4	0	8	0	12
2018	Trace of increasing dot size in porous silicon systems of same thicknesses	Gill F.S., Panwar V., Dhiman N., Juyal S., Kumar R., Mehra R.M., Kumar Y.	220248	Journal of Crystal Growth	501		1	0	0	0	0	0	1
2018	A collocation technique based on modified form of trigonometric cubic B-spline basis functions for Fisher's reaction-diffusion equation	Dhiman N., Tamsir M.	15736105	Multidiscipline Modeling in Materials and Structures	14	5	15	9	11	0	20	0	35
2018	Cricket Shot Detection from Videos	Semwal A., Mishra D., Raj V., Sharma J., Mittal A.		2018 9th International Conference on Computing, Communication and Networking Technologies, ICCCNT 2018			7	4	4	1	9	0	16
2018	Optimization of hybrid energy system	Goyal S., Mishra S., Bhatia A.		Proceedings - 2nd International Conference on Intelligent Circuits and Systems, ICICS 2018			1	0	0	0	0	0	1
2018	Visual Representation of Change in Vegetation Area of Dehradun, Uttarakhand, India using Normalized Difference Vegetation Index (NDVI)	Shakya A.K., Ramola A., Sawant K., Tiwari S., Aarfin S., Mittal P.		2018 2nd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2018			1	0	0	0	0	0	1
2018	ANN Modeling for Predicting Time Series	Sunori S.K., Kumar Juneja P., Chaturvedi M., Rai A., Bansal A.		Proceedings - IEEE 2018 International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2018			2	2	0	0	2	0	4
2018	H-Infinity Controller Design for Lime Kiln Process	Sunori S.K., Juneja P.K., Chaturvedi M., Rai A.		Proceedings - IEEE 2018 International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2018			1	1	0	0	1	0	2
2018	Particle Swarm Optimization of Control System for Sugar Crystallizer	Sunori S.K., Juneja P.K., Chaturvedi M., Bansal A.		Proceedings - IEEE 2018 International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2018			2	0	0	0	0	0	2
2018	System Identification of Cane Carrier Process of Sugar Mill	Sunori S.K., Juneja P.K., Chaturvedi M., Bansal A.		Proceedings - IEEE 2018 International Conference on Advances in Computing, Communication Control and Networking, ICACCCN 2018			4	4	0	0	4	0	8
2018	Conduction pathways in CNF/PTFE composite: Air oxidized CNFs coated with the incomplete layer of PTFE	Gill F.S., Chandra S., Panwar V., Uniyal D., Kalra G.S., Kumar V., Garg P.	9259635	Diamond and Related Materials	89		5	5	1	0	6	0	11
2018	Effectiveness of Phytoactive Molecules on Transcriptional Expression, Biofilm Matrix, and Cell Wall Components of Candida glabrata and Its Clinical Isolates	Gupta P., Gupta S., Sharma M., Kumar N., Pruthi V., Poluri K.M.	24701343	ACS Omega	3	9	17	13	5	1	19	0	36
2018	Indian Art Form Recognition Using Convolutional Neural Networks	Kumar S., Tyagi A., Sahu T., Shukla P., Mittal A.		2018 5th International Conference on Signal Processing and Integrated Networks, SPIN 2018			5	0	3	1	4	0	9

2018	Antagonistic properties of methanol extract of Elaeocarpus sphaericus leaves against in vitro growth, germ tube formation, adhesion and biofilm of Candida species	Gupta P., Rastogi A., Joshi S., Bhardwaj A., Misra K., Kumar N.	0250474X	Indian Journal of Pharmaceutical Sciences	80	5	1	1	0	0	1	0	2
2018	Treatment efficiency of vertical flow constructed wetland systems operated under different recirculation rates	Sharma P.K., Minakshi D., Rani A., Malaviya P.	9258574	Ecological Engineering	120		10	5	4	0	9	0	19
2018	A Novel Design Technique for Brushless DC Motor in Wireless Medical Applications	Uniyal S., Sikander A.	9296212	Wireless Personal Communications	102	1	6	2	3	0	5	0	11
2018	Quality-guided fusion-based co-saliency estimation for image co-segmentation and colocalization	Jerripothula K.R., Cai J., Yuan J.	15209210	IEEE Transactions on Multimedia	20	9	25	6	4	0	10	0	35
2018	Cubic trigonometric B-spline differential quadrature method for numerical treatment of Fisher's reaction-diffusion equations	Tamsir M., Dhiman N., Srivastava V.K.	11100168	Alexandria Engineering Journal	57	3	12	12	11	2	25	0	37
2018	An exponential cubic B-spline algorithm for multi-dimensional convection-diffusion equations	Shukla H.S., Tamsir M.	11100168	Alexandria Engineering Journal	57	3	9	1	3	0	4	0	13
2018	A computational modelling of micro strip patch antenna and its solution by RDTM	Chaurasia R.K., Mathur V., Pareekh R.L., Tamsir M., Srivastava V.K.	11100168	Alexandria Engineering Journal	57	3	4	1	2	0	3	0	7
2018	Predicting changing pattern: building model for consumer decision making in digital market	Kumar A., Mangla S.K., Luthra S., Rana N.P., Dwivedi Y.K.	17410398	Journal of Enterprise Information Management	31	5	37	13	11	0	24	0	61
2018	Risk analysis for clean and sustainable production in a urea fertilizer industry	Panchal D., Mangla S.K., Tyagi M., Ram M.	0265671X	International Journal of Quality and Reliability Management	35	7	20	7	6	0	13	0	33
2018	Determinants of green marketing leading to sustainable competitive advantage for retailers within the Delhi Region	Bhatti K.K., Negi A.	9738703	Indian Journal of Marketing	48	8	3	1	2	0	3	0	6
2018	A novel technique to design cuckoo search based FOPID controller for AVR in power systems	Sikander A., Thakur P., Bansal R.C., Rajasekar S.	457906	Computers and Electrical Engineering	70		39	34	29	2	65	0	104
2018	Bi-directional system analysis under copula-coverage approach	Ram M., Goyal N.	3610918	Communications in Statistics: Simulation and Computation	47	6	4	4	3	0	7	0	11
2018	UPB: User Preference based Brokering for Service Ranking and Selection in Federated Cloud	Chauhan S.S., Pilli E.S., Joshi R.C., Singh G.	21531684	International Symposium on Advanced Networks and Telecommunication Systems, ANTS	2018-		1	2	0	0	2	0	3
2018	Cogent fault diagnosis of photovoltaic-fed single-phase supply system	Sundriyal N., Sharma V., Kumar A., Dixit A.		8th IEEE Power India International Conference, PIICON 2018			0	0	0	0	0	0	0
2018	A Novel Framework for Smart Crop Monitoring Using Internet of Things (IOT)	Ghanshala K.K., Chauhan R., Joshi R.C.		ICSCCC 2018 - 1st International Conference on Secure Cyber Computing and Communications			9	3	5	0	8	0	17
2018	Convolutional Neural Network (CNN) for Image Detection and Recognition	Chauhan R., Ghanshala K.K., Joshi R.C.		ICSCCC 2018 - 1st International Conference on Secure Cyber Computing and Communications			55	74	105	6	185	0	240
2018	BNID: A Behavior-based Network Intrusion Detection at Network-Layer in Cloud Environment	Ghanshala K.K., Mishra P., Joshi R.C., Sharma S.		ICSCCC 2018 - 1st International Conference on Secure Cyber Computing and Communications			6	2	0	0	2	0	8
2018	Message from the Chief Guest, ICSCCC 2018	Joshi R.C.		ICSCCC 2018 - 1st International Conference on Secure Cyber Computing and Communications			0	0	0	0	0	0	0
2018	Self-Organizing Sustainable Spectrum Management Methodology in Cognitive Radio Vehicular Adhoc Network (CRAVENET) Environment: A Reinforcement Learning Approach	Ghanshala K.K., Sharma S., Mohan S., Nautiyal L., Mishra P., Joshi R.C.		ICSCCC 2018 - 1st International Conference on Secure Cyber Computing and Communications			7	0	1	0	1	0	8
2018	Comparison of Supervised Classification Techniques for High-Resolution Optical Aerial Image	Shakya A.K., Ramola A., Sawant K., Kandwal A.		2018 International Conference on Automation and Computational Engineering, ICACE 2018			3	2	1	0	3	0	6
2018	Estimating Change Percentage in Texture Developed by the Water Turndown of Bolivia's Lake Poopo	Shakya A.K., Ramola A., Sakshi, Kandwal A.		2018 International Conference on Automation and Computational Engineering, ICACE 2018			3	0	0	0	0	0	3
2018	Effect of Padè First order Delay Approximation on Controller Capability designed for IPDT Process Model	Kholia P., Chaturvedi M., Juneja P.K., Kapoor S.		2018 International Conference on Power Energy, Environment and Intelligent Control, PEEIC 2018			2	0	1	0	1	0	3
2018	Private Content-based Image Query System using Statistical Properties	Ramola A., Shakya A.K.		International Conference on Innovations in Control, Communication and Information Systems, ICICCI 2017			1	0	0	0	0	0	1
2018	Change Detection from Pre and PostUrbanisation LANDSAT 5TM Multispectral Images	Shakya A.K., Prakash R., Ramola A., Pandey D.C.		International Conference on Innovations in Control, Communication and Information Systems, ICICCI 2017			5	1	1	0	2	0	7
2018	Cloud-Based Cognitive Radio Adhoc Vehicular Network Architecture: A Next-Generation Smart City	Ghanshala K.K., Sharma S., Mohan S., Joshi R.C.		2018 IEEE 9th Annual Information Technology, Electronics and Mobile Communication Conference, IEMCON 2018			7	2	0	0	2	0	9
2018	Gradient based Multispectral Demosaicking Method using Single Sensor Array	Gupta M.		2018 International Conference on Recent Innovations in Electrical, Electronics and Communication Engineering, ICRIEECE 2018			0	0	0	0	0	0	0
2018	In vitro antioxidant and anticancer activities of leaf extracts of Rhododendron arboreum and Rhododendron campanulatum from Uttarakhand region of India	Painuli S., Joshi S., Bhardwaj A., Meena R.C., Misra K., Rai N., Kumar N.	9731296	Pharmacognosy Magazine	14	57	5	3	2	0	5	0	10

2018	Inoculation of siderophore producing rhizobacteria and their consortium for growth enhancement of wheat plant	Kumar P., Thakur S., Dhingra G.K., Singh A., Pal M.K., Harshvardhan K., Dubey R.C., Maheshwari D.K.	18788181	Biocatalysis and Agricultural Biotechnology	15		30	22	19	0	41	0	71
2018	Effects of mass variation on structures of differentially rotating polytropic stars	Kumar S., Saini S., Singh K.K.	13841076	New Astronomy	62		2	2	0	0	2	0	4
2018	Design of controller using reduced order modeling for LED driver circuit	Sikander A., Verma P., Patel N., Nair N.-K.C.		2017 IEEE Innovative Smart Grid Technologies - Asia: Smart Grid for Smart Community, ISGT-Asia 2017			1	0	0	0	0	0	1
2018	Position and Tilt Control of two-wheeled robot (TWR): A neuro-fuzzy approach	Kharola A., Patil P.		Intelligent Systems: Concepts, Methodologies, Tools, and Applications			0	0	0	0	0	0	0
2018	Optimization of size of PV/wind/biodiesel by using Artificial Bee Colony (ABC) algorithm	Goyal S., Mishra S., Bhatia A.		2017 Recent Developments in Control, Automation and Power Engineering, RDCAPE 2017			2	1	1	0	2	0	4
2018	A software engineering perspective for development of enterprise applications	Sah A., Bhadula S.J., Dumka A., Rawat S.		Handbook of Research on Contemporary Perspectives on Web-Based Systems			2	0	8	0	8	0	10
2018	Web technology systems integration using SOA and web services	Sah A., Dumka A., Rawat S.		Handbook of Research on Contemporary Perspectives on Web-Based Systems			4	0	2	0	2	0	6
2018	Inverse docking based screening and identification of protein targets for Cassiarin alkaloids against Plasmodium falciparum	Negi A., Bhandari N., Shyamlal B.R.K., Chaudhary S.	13190164	Saudi Pharmaceutical Journal	26	4	11	5	1	0	6	0	17
2018	Valorisation potential of Cabernet grape pomace for the recovery of polyphenols: Process intensification, optimisation and study of kinetics	Nayak A., Bhushan B., Rosales A., Turienzo L.R., Cortina J.L.	9603085	Food and Bioproducts Processing	109		38	13	19	1	33	0	71
2018	Reduced order modelling of linear time-invariant system using modified cuckoo search algorithm	Sikander A., Thakur P.	14327643	Soft Computing	22	10	15	6	5	0	11	0	26
2018	Barriers to effective circular supply chain management in a developing country context	Mangla S.K., Luthra S., Mishra N., Singh A., Rana N.P., Dora M., Dwivedi Y.	9537287	Production Planning and Control	29	6	120	94	107	7	208	0	328
2018	Management of risks in sustainable supply chain using AHP and monte carlo simulation	Luthra S., Mangla S.K., Venkatesh V.G., Jakhar S.K.		Global Business Expansion: Concepts, Methodologies, Tools, and Appl.			1	0	0	0	0	0	1
2018	System Validation Experiments for Obtaining Tracer Laser-Induced Fluorescence Data at Elevated Pressure and Temperature	Hartwig J., Mittal G., Kumar K., Sung C.-J.	37028	Applied Spectroscopy	72	4	1	0	0	0	0	0	1
2018	Analysis of antioxidant activity, total phenolic content and total flavonoid content of Lantana camara leaves and flowers	Anand J., Chaudhary S., Rai N.	9742441	Asian Journal of Pharmaceutical and Clinical Research	11	4	1	1	0	0	1	0	2
2018	Facile synthesis and characterization of iron oxide–egg albumin (IOEA) as core–shell nanoparticles and study of water intake potential	Sonker N., Bajpai J., Bajpai A.K., Mishra A.	2352507X	Nano-Structures and Nano-Objects	14		5	0	1	0	1	0	6
2018	A direct numerical approach to compute the nonlinear rotordynamic coefficient of the noncircular gas journal bearing	Yadav S.K., Rajput A.K., Ram N., Sharma S.C.	13506501	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	232	4	4	4	1	0	5	0	9
2018	Stochastic Design Exploration with Rework of Flexible Manufacturing System under Copula-Coverage Approach	Ram M., Goyal N.	2185393	International Journal of Reliability, Quality and Safety Engineering	25	2	1	1	1	0	2	0	3
2018	Adsorption kinetics of lysozyme on multi-walled carbon nanotubes and amino functionalized multi-walled carbon nanotubes from aqueous solution	Enayatpour B., Rajabi M., Moradi O., Asdolehzade N., Nayak A., Agarwal S., Gupta V.K.	1677322	Journal of Molecular Liquids	254		19	2	1	0	3	0	22
2018	Omega Design and FEA Based Coriolis Mass Flow Sensor (CMFS) Analysis Using Titanium Material	Patil P.P., Kumar A., Ahmad F.	17578981	IOP Conference Series: Materials Science and Engineering	310	1	2	0	1	0	1	0	3
2018	Antioxidant and antimicrobial properties of seed oil of Datura metel	Bachheti R.K., Rai I., Mishra V.K., Joshi A.	2548704	Journal of Environmental Biology	39	2	8	5	1	1	7	0	15
2018	Pulping and Bleaching of Hydro Distillation Waste of Citronella Grass (Cymbopogon winterianus Jowitt) for Papermaking	Sharma N., Godiyal R.D., Bhawana, Thapliyal B.P., Anupam K.	18772641	Waste and Biomass Valorization	9	3	12	7	6	0	13	0	25
2018	Numerical Computation of Nonlinear Fisher's Reaction–Diffusion Equation with Exponential Modified Cubic B-Spline Differential Quadrature Method	Tamsir M., Srivastava V.K., Dhiman N., Chauhan A.	23495103	International Journal of Applied and Computational Mathematics	4	1	6	3	2	0	5	0	11
2018	Significant role of antiferromagnetic GdFeO3 on multiferroism of bilayer thin films	Shah J., Bhatt P., Diana Diana Dayas K., Kotnala R.K.	20531591	Materials Research Express	5	2	2	1	0	0	1	0	3
2018	Preface	Ram M., Davim J.P.		Advanced Mathematical Techniques in Science and Engineering			0	0	0	0	0	0	0
2018	Role of soft computing in science and engineering	Malik P., Nautiyal L., Ram M.		Advanced Mathematical Techniques in Science and Engineering			0	0	0	0	0	0	0
2018	Complex system reliability analysis and optimization	Kumar A., Pant S., Ram M.		Advanced Mathematical Techniques in Science and Engineering			5	5	1	0	6	0	11
2018	Advanced mathematical techniques in science and engineering	Ram M., Davim J.P.		Advanced Mathematical Techniques in Science and Engineering			2	1	1	0	2	0	4
2018	In vitro immunomodulatory potential of Artemisia indica Willd. In chicken lymphocytes	Ruwali P., Ambwani T.K., Gautam P.	9728988	Veterinary World	11	1	5	1	1	1	3	0	8
2018	Preface	Ram M., Paulo Davim J.		Advanced Applications in Manufacturing Engineering			0	0	0	0	0	0	0
2018	A linear time-dependent deteriorating inventory model with linearly time-dependent demand rate and inflation	Tripathi R.P., Kaur M.	17525055	International Journal of Computing Science and Mathematics	9	4	0	1	1	0	2	0	2
2018	Preface	Ram M., Paulo Davim J.		Advanced Applications in Manufacturing Engineering			0	0	0	0	0	0	0
2018	Effect of equipment's failure on gas turbine power plant	Goyal N., Ram M., Amoli S., Jagga S.		Advanced Applications in Manufacturing Engineering			0	0	0	0	0	0	0
2018	Advanced applications in manufacturing enginering	Ram M., Davim J.P.		Advanced Applications in Manufacturing Engineering			0	2	0	0	2	0	2
2018	Mathematical modelling for reliability measures to sugar mill plant industry	Kumar A., Ram M.	19956665	Jordan Journal of Mechanical and Industrial Engineering	12	4	3	0	3	0	3	0	6
2018	A hotel classification framework for quality service	Sufi T., Shojaie N.	20421443	Bridging Tourism Theory and Practice	9		4	2	3	0	5	0	9

2018	Responsive polymer nanoparticles for drug delivery applications	Saini R.K., Bagri L.P., Bajpai A.K., Mishra A.		Stimuli Responsive Polymeric Nanocarriers for Drug Delivery Applications: Volume 1: Types and Triggers			13	5	5	0	10	0	23
2018	Optimized Location-Specific Movie-Reviewing System Using Tweets	Singh V., Pant B., Singh D.P.	23673370	Lecture Notes in Networks and Systems	19		0	0	0	0	0	0	0
2018	A study of impulsivity in different product categories amongst rural consumers in Uttarakhand	Mani A.P., Tripathi V.M.	9731903	International Journal of Agricultural and Statistical Sciences	14	1	0	1	0	0	1	0	1
2018	Privacy-preserving random permutation of image pixels enciphered model from cyber attacks for covert operations	Shakya A.K., Ramola A., Kandwal A., Chamoli V.	18650929	Communications in Computer and Information Science	905		3	0	1	0	1	0	4
2018	Novel method for the selection of time hopping codes for UWB communication systems	Singh R., Jassal B.S.	2227524X	International Journal of Engineering and Technology(UAE)	7	4	0	0	0	0	0	0	0
2018	Glacier terminus position monitoring and modelling using remote sensing data	Nijhawan R., Jain K.	18650929	Communications in Computer and Information Science	906		1	1	0	1	2	0	3
2018	A web resource for nutrient use efficiency-related genes, quantitative trait loci and microRNAs in important cereals and model plants.	Suravajhala P., Kumar A., Pandeya A., Malik G., Sharma M., P. H.K., S. A.K., Gahlaut V., Gajula M.N.V.P., Singh K.P., Balyan H.S., Gupta P.K.	20461402	F1000Research	7		3	4	1	0	5	0	8
2018	Anti-theft security system for vehicles	Rana S., Mewari R., Nautiyal L.	2227524X	International Journal of Engineering and Technology(UAE)	7	4	3	4	2	0	6	0	9
2018	Partial backlogging EOQ model with trade-credit facility and inflationary environment	Goel R.	17575850	International Journal of Mathematics in Operational Research	13	3	2	0	1	0	1	0	3
2018	Sentimental analysis of twitter data on hadoop	Choudhury J., Pandey C., Saxena A.	21945357	Advances in Intelligent Systems and Computing	810		2	0	0	0	0	0	2
2018	A novel cluster based algorithm for outlier detection	Mahajan M., Kumar S., Pant B.	21945357	Advances in Intelligent Systems and Computing	810		1	1	0	0	1	0	2
2018	Latent class analysis (LCA) based approach for finding best hotels	Singh V., Pant B., Singh D.P., Kumar S.	21945357	Advances in Intelligent Systems and Computing	810		0	0	0	0	0	0	0
2018	A linear time-dependent deteriorating inventory model with linearly time-dependent demand rate and inflation	Tripathi R.P., Kaur M.	17525055	International Journal of Computing Science and Mathematics	9	4	2	2	1	0	3	0	5
2018	Deterministic inventory models with nonlinear time-dependent and stock-dependent holding cost under non-increasing time-sensitive demand	Tripathi R.P.	17569850	International Journal of Economics and Business Research	16	3	2	1	1	1	3	0	5
2018	System reliability analysis based on Weibull distribution and hesitant fuzzy set	Kumar A., Ram M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	3	4	19	6	4	0	10	0	29
2018	Enhanced sensing performance of carboxyl graphene-ionic liquid attached ionic polymer-metal nanocomposite based polymer strain sensors	Panwar V., Anoop G.	20507534	Journal of Materials Chemistry C	6	31	9	5	4	1	10	0	19
2018	Phytochemical analysis and evaluation of in vitro immunomodulatory activity of Rhododendron Arboreum leaves	Rawat P., Bachheti R.K., Kumar N., Rai N.	9742441	Asian Journal of Pharmaceutical and Clinical Research	11	8	3	2	1	1	4	0	7
2018	Driving employee performance through talent management	Wadhwa S., Tripathi R.	17418437	International Journal of Environment, Workplace and Employment	4	4	2	4	2	0	6	0	8
2018	Location-based depression analysis among the various cities of India	Khan K., Agarwal S., Singh V., Pant B.	1816949X	Journal of Engineering and Applied Sciences	13	4	0	0	0	0	0	0	0
2018	Ranking the Success Factors to Improve Safety and Security in Sustainable Food Supply Chain Management Using Fuzzy AHP	Sharma Y.K., Yadav A.K., Mangla S.K., Patil P.P.	22147853	Materials Today: Proceedings	5	5	23	4	7	1	12	0	35
2018	Electronic conduction in annealed sulfur-doped a-Si: H films	Gupta H., Gill F.S., Sharma S.K., Kumar R., Mehra R.M.	20776772	Journal of Nano- and Electronic Physics	10	3	1	0	0	0	0	0	1
2018	Effective question modelling and intelligent question bank storage engine: An adaptive graph based approach	Kumar A., Srivastava S., Krishan V., Goudar R.H.	17411009	International Journal of Knowledge and Learning	12	3	1	0	0	0	0	0	1
2018	Field monitoring using IoT: A neural network approach	Jha R.K., Kumar S., Joshi K., Pandey R.	21945357	Advances in Intelligent Systems and Computing	706		0	0	0	0	0	0	0
2018	Performance analysis of median filter demosaicking algorithm using new extended bilinear demosaicking	Gupta M., Dosad J., Goyal P.	21945357	Advances in Intelligent Systems and Computing	704		2	0	0	0	0	0	2
2018	Modeling and simulation of a quadcopter with altitude and attitude control	Ahmad F., Kumar P., Patil P.P.	13598678	Nonlinear Studies	25	2	7	1	3	0	4	0	11
2018	Evaluation of phytochemical, radical scavenging and antimicrobial profile of Pittosporum eriocarpum royal (Agni) from Uttarakhand Region, India	Semwal P., Painuli S., Painuli R.M.	9738258	International Journal of Green Pharmacy	12	1	0	0	0	0	0	0	0
2018	Enhancement in efficiency of hybrid organic photovoltaics by variation in anode material	Nautiyal P., Rathod A.P.S., Nautiyal S., Mittal P.	21945357	Advances in Intelligent Systems and Computing	624		0	0	0	0	0	0	0
2018	Offline graphical analysis of signatures using geometric features and artificial neural network	Saini P., Uniyal I., Singh N.	21945357	Advances in Intelligent Systems and Computing	624		1	0	0	0	0	0	1
2018	Network forensic process model and framework: An alternative scenario	Kaur P., Bijalwan A., Joshi R.C., Awasthi A.	21945357	Advances in Intelligent Systems and Computing	624		10	2	4	0	6	0	16
2018	Implementation of Adder Circuit Using Quantum-Dot Cellular Automata-Based Logic Gates	Kumari P., Sharma A., Singh A.	21945357	Advances in Intelligent Systems and Computing	624		2	0	0	0	0	0	2
2018	Performance analysis of double block layer OLED and variation in ratio of double block layer	Negi S., Mittal P., Kumar B.	21945357	Advances in Intelligent Systems and Computing	624		0	0	0	0	0	0	0
2018	Contact resistance-dependent OTFT behaviour: Effect of channel length	Nautiyal S., Nautiyal P., Negi S., Mittal P.	21945357	Advances in Intelligent Systems and Computing	624		0	0	0	0	0	0	0
2018	A comparative analysis of PID controller design for AVR based on optimization techniques	Uniyal I., Sikander A.	21945357	Advances in Intelligent Systems and Computing	624		4	1	1	0	2	0	6
2018	Comparative Analysis of MEMS Piezoelectric Materials for the Design of a Piezotube-Type Pressure Sensor	Kala S., Panwar V., Panwar L., Sharma S.	21945357	Advances in Intelligent Systems and Computing	624		3	1	0	0	1	0	4
2018	Design of a Single-Axis solar tracker using LDRs	Jadli U., Uniyal S., Uniyal I.	21945357	Advances in Intelligent Systems and Computing	624		3	0	2	0	2	0	5
2018	FPGA Implementation of High Speed Multiplier with Optimized Reduction Phase	Singh A., Sharma A., Kumari P.	21945357	Advances in Intelligent Systems and Computing	624		1	1	0	0	1	0	2
2018	An efficient framework based on segmented block analysis for human activity recognition	Tripathi V., Gangodkar D., Pandey M., Sanserwal V.	21945357	Advances in Intelligent Systems and Computing	701		0	0	0	0	0	0	0
2018	An integrated approach to analyse requisites of product innovation management	Kumar S., Luthra S., Haleem A., Garg D., Singh S., Mangla S.K.	17510252	International Journal of Business Innovation and Research	16	1	4	5	0	0	5	0	9

2018	A production inventory model with selling price and stock sensitive demand under partial backlogging	Aarya D.D., Kumar M.	17575850	International Journal of Mathematics in Operational Research	12	3	4	5	0	0	5	0	9
2018	The open corpus challenge in eLearning	Pattanshetti M.K., Jasola S., Gupta V., Rajput A.	20737904	Knowledge Management and E-Learning	10	1	3	2	1	0	3	0	6
2018	Stability analysis of paper machine headbox using a new PI(D) tuning technique	Saini P., Kumar R.	2227524X	International Journal of Engineering and Technology(UAE)	7	2	2	0	0	0	0	0	2
2018	Sensitivity assessment of air and refrigeration	Goyal N., Ram M., Banga S.	23074108	Kuwait Journal of Science	45	1	1	1	0	0	1	0	2
2018	A novel technique to compute static and dynamic performance characteristics of aerostatic thrust bearing	Yadav S.K., Rajput A.K., Ram N., Sharma S.C.	368792	Industrial Lubrication and Tribology	70	1	4	3	1	0	4	0	8
2018	GPU Based Bag of Feature for Fast Activity Detection in Video	Tripathi V., Gangodkar D., Badoni S., Bisht S.S.	21945357	Advances in Intelligent Systems and Computing	563		0	0	0	0	0	0	0
2018	Study and analysis of demonetization move taken by Indian prime minister Mr. Narendra Modi	Singh V., Pant B., Singh D.P.	21903018	Smart Innovation, Systems and Technologies	79		0	0	0	0	0	0	0
2018	Analyzing challenges to Internet of Things (IoT) adoption and diffusion: An Indian context	Luthra S., Garg D., Mangla S.K., Singh Berwal Y.P.	18770509	Procedia Computer Science	125		44	15	9	4	28	0	72
2018	Finite difference solution to stochastic partial differential equations in reliability	Gupta A., Ram M.	17485037	International Journal of Industrial and Systems Engineering	28	2	3	0	2	0	2	0	5
2018	A new parameter estimation method of solar photovoltaic	Jadli U., Thakur P., Shukla R.D.	21563381	IEEE Journal of Photovoltaics	8	1	39	22	9	1	32	0	71
2018	Evaluating the Drivers to Information and Communication Technology for Effective Sustainability Initiatives in Supply Chains	Luthra S., Mangla S.K., Chan F.T.S., Venkatesh V.G.	2196220	International Journal of Information Technology and Decision Making	17	1	32	12	5	0	17	0	49
2018	Study of fatigue crack growth rate of AA6061 at different stress ratios	Verma R.P., Pandey K.N.	21954356	Lecture Notes in Mechanical Engineering	0	9.79E+12	1	0	1	0	1	0	2
2018	Capacity of dual branch MRC system over correlated nakagami-M fading channels-A review	Devi P.B., Yengkhom A., Hasan M.I., Chandwani G.	9296212	Wireless Personal Communications	98	2	2	0	0	0	0	0	2
2017	Software reliability growth modeling for agile software development	Rawat S., Goyal N., Ram M.	1641876X	International Journal of Applied Mathematics and Computer Science	27	4	14	3	0	0	3	0	17
2017	Annotated buzzwords and key references for software testing in the cloud	Bertolino A., Nautiyal L., Preeti		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		4	0	0	0	0	0	4
2017	All you want to know about Internet of Things (IoT)	Matta P., Pant B., Arora M.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		7	4	2	0	6	0	13
2017	Comparative analysis of various feature descriptors for efficient ATM surveillance framework	Sanserwal V., Tripathi V., Chen Z., Pandey M.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		1	0	0	0	0	0	1
2017	Polygonal region of interest based compression of DICOM images	Shakya A.K., Ramola A., Pandey D.C.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		4	2	1	0	3	0	7
2017	Performance analysis of organic photovoltaics by optimization of active layer and electrode: Materialistic approach	Nautiyal P., Mittal P.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		1	0	0	0	0	0	1
2017	Different sources of energy harvesting: A survey	Sharma S., Panwar V., Yadav S.C., Sachin, Lokesh		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		2	2	0	0	2	0	4
2017	Estimating actual execution time of Component-based software: Considering Interaction-metric	Tiwari U.K., Kumar S., Kumar N.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		0	1	0	0	1	0	1
2017	Contact resistance in organic transistors: Extraction using variable length method	Nautiyal S., Mittal P.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		0	0	1	0	1	0	1
2017	Design of low power and area efficient half adder using pass transistor and comparison of various performance parameters	Kumar P., Bhandari N.S., Bhargav L., Rathi R., Yadav S.C.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-		2	1	0	0	1	0	3
2017	Comparative analysis of controllers designed for a MIMO system	Verma P., Juneja P.K., Saini P., Chaturvedi M.		8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017			3	0	1	0	1	0	4
2017	Inflationary Induced EOQ Model for Weibull Distribution Deterioration and Trade Credits	Tripathi R.P., Chaudhary S.K.	23495103	International Journal of Applied and Computational Mathematics	3	4	6	2	2	0	4	0	10
2017	Review on Rhododendron arboreum - a magical tree	Rawat P., Rai N., Kumar N., Bachheti R.K.	15982386	Oriental Pharmacy and Experimental Medicine	17	4	6	5	2	0	7	0	13
2017	Dynamic Structural and Thermal Characteristics Analysis of Oil-Lubricated Multi-speed Transmission Gearbox: Variation of Load, Rotational Speed and Convection Heat Transfer	Patil P.P., Kumar A.	22286187	Iranian Journal of Science and Technology - Transactions of Mechanical Engineering	41	4	4	4	1	0	5	0	9
2017	Mitigation and Performance Analysis of Routing Protocols Under Black-Hole Attack in Vehicular Ad-hoc Network (VANET)	Purohit K.C., Dimri S.C., Jasola S.	9296212	Wireless Personal Communications	97	4	17	8	7	0	15	0	32
2017	Thought-forms patterns identification using histograms of the derivative of intensity outline	Prasad R.S.		2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017	2017-		3	0	1	0	1	0	4
2017	Patterns identification in thought-form images	Prasad R.S., Prasad S., Prasad V.		Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017			7	0	1	0	1	0	8
2017	Articulating the construction of a web scraper for massive data extraction	Upadhyay S., Pant V., Bhasin S., Pattanshetti M.K.		Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017			8	3	2	0	5	0	13

2017	Object co-skeletonization with co-segmentation	Jerripothula K.R., Cai J., Lu J., Yuan J.		Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017	2017-		39	3	4	1	8	0	47
2017	Erratum to: Energy efficient clearance routing in WSN (International Journal of System Assurance Engineering and Management, (2017), 8, S2, (555-575), 10.1007/s13198-014-0263-0)	Singh D.P., Goudar R.H.	9756809	International Journal of System Assurance Engineering and Management	8		0	0	0	0	0	0	0
2017	Energy efficient clearance routing in WSN	Singh D.P., Goudar R.H.	9756809	International Journal of System Assurance Engineering and Management	8		2	0	0	0	0	0	2
2017	Performance evaluation of various MANET routing protocols for adaptability in VANET environment	Purohit K.C., Dimri S.C., Jasola S.	9756809	International Journal of System Assurance Engineering and Management	8		11	2	2	0	4	0	15
2017	In vitro antioxidative potential of Artemisia indica Willd	Ruwali P., Ambwani T.K., Gautam P.	3678318	Indian Journal of Animal Sciences	87	11	2	2	0	0	2	0	4
2017	Flower pollination algorithm development: a state of art review	Pant S., Kumar A., Ram M.	9756809	International Journal of System Assurance Engineering and Management	8		28	8	4	0	12	0	40
2017	A semi-supervised probabilistic model for clustering large databases of complex images	Nisha Chandran S., Gangodkar D., Mittal A.	13807501	Multimedia Tools and Applications	76	21	1	0	0	0	0	0	1
2017	System Reliability Optimization Using Gray Wolf Optimizer Algorithm	Kumar A., Pant S., Ram M.	7488017	Quality and Reliability Engineering International	33	7	44	11	12	1	24	0	68
2017	Experimental Study on Fluid Flow and Heat Transfer from a Rectangular Prism Approaching the Wall of a Wind Tunnel	Chakrabarty D., Patil P., Sharma K.	10992871	Heat Transfer - Asian Research	46	7	0	0	0	0	0	0	0
2017	Various Mixed Approaches of Model Order Reduction	Verma P., Juneja P.K., Chaturvedi M.		Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			5	2	0	0	2	0	7
2017	Reduction of SISO System Using Different Mixed Reduction Methods	Verma P., Juneja P.K., Chaturvedi M.		Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			2	0	2	0	2	0	4
2017	Rationalizing the Mathematical Model of Boiler Turbine Process with Dead Time	Sunori S.K., Juneja P.K., Chaturvedi M., Naithani D.		Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			2	1	0	0	1	0	3
2017	Categorical Data Analysis and Pattern Mining of Top Colleges in India by Using Twitter Data	Mamgain N., Pant B., Mittal A.		Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			3	0	1	0	1	0	4
2017	Model Order Reduction of a Higher Order Model of pH Neutralizer of Sugar Mill	Sunori S.K., Juneja P.K., Chaturvedi M., Saini P.		Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			7	1	2	0	3	0	10
2017	Design and Analysis of Control Systems for Heat Exchanger System of Sugar Mill	Sunori S.K., Juneja P.K., Chaturvedi M., Agarwal N.		Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			7	0	2	0	2	0	9
2017	Design and performance analysis of optimal reduced order H-infinity controller: L1 norm based genetic algorithm technique	Ahamad N., Singh G., Khan S., Sikander A.		International Conference on Power and Embedded Drive Control, ICPEDC 2017			1	1	2	0	3	0	4
2017	Computational Investigation of the Double-Injection Strategy on Ethanol Partially Premixed Compression Ignition	Panakarajupally R.P., Mittal G.	8870624	Energy and Fuels	31	10	4	1	2	0	3	0	7
2017	Equilibrium and Thermodynamic Studies on Reactive Extraction of Nicotinic Acid Using a Biocompatible Extraction System	Datta D., Babu B.V., Kumar S.	219568	Journal of Chemical and Engineering Data	62	10	9	1	1	0	2	0	11
2017	Fuzzy hybrid control of flexible inverted pendulum (FIP) system using soft-computing techniques	Kharola A., Patil P.	1287680	Pertanika Journal of Science and Technology	25	4	0	0	0	0	0	0	0
2017	Assessment of water quality of bhagirathi from gangotri to rishikesh using RS and GIS techniques	Arora R., Joshi H.C., Pandey I.P., Tewari V.K.	9741496	Rasayan Journal of Chemistry	10	4	7	0	0	0	0	0	7
2017	Stabilization and control of Elastic Inverted Pendulum System (EIPS) using adaptive fuzzy inference controllers	Kharola A., Patil P.	2156177X	International Journal of Fuzzy System Applications	6	4	0	0	0	0	0	0	0
2017	Top-Down Synthesis of Hollow Graphene Nanostructures for Use in Resistive Switching Memory Devices	Anoop G., Kim T.Y., Lee H.J., Panwar V., Kwak J.H., Heo Y.-J., Yang J.-H., Lee J.H., Jo J.Y.	2199160X	Advanced Electronic Materials	3	10	5	0	1	1	2	0	7
2017	Toxicology of the aqueous extract from the flowers of Butea monosperma Lam. and it's metabolomics in yeast cells	Khan W., Gupta S., Ahmad S.	2786915	Food and Chemical Toxicology	108		4	2	1	0	3	0	7
2017	Pan Sharpening for Hyper Spectral Imagery Using Spectral Mixing-Based Color Preservation Model	Baisantry M., Khare A.	0255660X	Journal of the Indian Society of Remote Sensing	45	5	1	0	0	0	0	0	1
2017	Modelling and identification of single area power system for load frequency control	Gupta M., Walia A., Gupta S., Sikander A.		4th IEEE International Conference on Signal Processing, Computing and Control, ISPCC 2017	2017-		1	1	1	0	2	0	3
2017	Optimal Ordering Policy for Deteriorating Items Under Price Sensitive Demand Scheme	Tripathi R.P.	23495103	International Journal of Applied and Computational Mathematics	3	3	2	0	1	0	1	0	3
2017	A novel method for joint characterization of unbalanced voltage sags and swells	Thakur P., Singh A.K.	20507038	International Transactions on Electrical Energy Systems	27	9	2	1	0	1	2	0	4
2017	New technique for system simplification using Cuckoo search and ESA	Sikander A., Prasad R.	2562499	Sadhana - Academy Proceedings in Engineering Sciences	42	9	11	5	3	0	8	0	19
2017	Molecular analyses of genetic variation and phylogenetic relationship in Indian soap nut (Sapindus L.) and closely related taxa of the family Sapindaceae	Mahar K.S., Palni L.M.S., Ranade S.A., Pande V., Rana T.S.	22145400	Meta Gene	13		4	3	0	0	3	0	7

2017	Pattern recognition in thought-form images using radon transform and histograms	Prasad R.S., Prasad S., Prasad V.		ACM International Conference Proceeding Series			5	1	1	0	2	0	7
2017	Dynamic stabilization of one wheel mobile robot (OWMR): a soft-computing approach	Kharola A., Patil P.	21681015	Journal of Industrial and Production Engineering	34	6	1	0	2	0	2	0	3
2017	Image Restoration in Noisy free images using fuzzy based median filtering and adaptive Particle Swarm Optimization - Richardson-Lucy algorithm	Kumar N., Shukla H.S., Tripathi R.P.	2185310X	International Journal of Intelligent Engineering and Systems	10	4	6	3	11	0	14	0	20
2017	Effects of k-out-of-n: G/F and parallel redundancy in an industrial system through reliability approach	Kumar A., Ram M.	0094243X	AIP Conference Proceedings	1860		2	0	1	0	1	0	3
2017	Management of risks in sustainable supply chain using AHP and Monte Carlo simulation	Luthra S., Venkatesh V.G., Mangla S.K., Jakhar S.K.		Managerial Strategies for Business Sustainability During Turbulent Times			3	0	1	0	1	0	4
2017	A new heuristic algorithm for three machines stochstic flow shop scheduling model	Tyagi N., Tripathi R.P., Chandramouli A.B.		2017 6th International Conference on Computer Applications in Electrical Engineering - Recent Advances, CERA 2017	2018-		0	0	0	0	0	0	0
2017	Development of algorithm for soil moisture retrieval using palsar data for bare soil	Kandwal A., Shakya A.K., Prakash R., Vidyarthi A.		IEEE International Conference on Information, Communication, Instrumentation and Control, ICICIC 2017	2018-		0	0	0	0	0	0	0
2017	Hybrid approach for securing IoT communication using authentication and data confidentiality	Bhatt J., Joshi A., Bisht S., Purohit K.C.		Proceedings - 2017 3rd International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2017	2018-		0	1	0	0	1	0	1
2017	Double hammerhead Nenoelectromechanical Antifuse	Chhachharwal S., Yadav S.C.		Proceedings - 2017 3rd International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2017	2018-		0	0	0	0	0	0	0
2017	Improvising-AODV routing protocol by modifying route discovery mechanism in VANET	Mittal S., Bisht S., Purohit K.C., Joshi A.		Proceedings - 2017 3rd International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2017	2018-		5	0	0	0	0	0	5
2017	Design of MEMS piezoelectric blood pressure sensor	Panwar L.S., Panwar V., Kala S., Panwar S.S., Sharma S.		Proceedings - 2017 3rd International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2017	2018-		16	5	4	1	10	0	26
2017	A new heuristic algorithm for four machines stochastic flow shop scheduling model	Tyagi N., Tripathi R.P., Chandramouli A.B.		Proceedings - 2017 3rd International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2017	2018-		0	0	0	0	0	0	0
2017	Dual band band-pass filter using cascaded split ring resonator	Chauhan P., Vidyarthi A.		Proceedings - 2017 3rd International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2017	2018-		1	0	0	0	0	0	1
2017	MODTEEN: Modified threshold sensitive energy efficient network in Wireless Sensor Network	Pundir S., Bhalla A., Bakshi A., Singh A.K., Singh D.P.		Proceedings - 2017 3rd International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2017	2018-		0	0	0	0	0	0	0
2017	Field monitoring using IoT in agriculture	Jha R.K., Kumar S., Joshi K., Pandey R.		2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies, ICICICT 2017	2018-		21	6	4	0	10	0	31
2017	An integrated deep learning framework approach for nail disease identification	Nijhawan R., Verma R., Ayushi, Bhushan S., Dua R., Mittal A.		Proceedings - 13th International Conference on Signal-Image Technology and Internet-Based Systems, SITIS 2017	2018-		18	9	8	0	17	0	35
2017	Classification and aesthetic evaluation of paintings and artworks	Sahu T., Tyagi A., Kumar S., Mittal A.		Proceedings - 13th International Conference on Signal-Image Technology and Internet-Based Systems, SITIS 2017	2018-		1	0	0	0	0	0	1
2017	A computer vision framework for automatic description of Indian monuments	Shukla P., Rautela B., Mittal A.		Proceedings - 13th International Conference on Signal-Image Technology and Internet-Based Systems, SITIS 2017	2018-		6	3	1	0	4	0	10
2017	Miniaturization of power divider through open circuited stubs	Kumar A., Vidyarthi A.		ICCT 2017 - International Conference on Intelligent Communication and Computational Techniques	2018-		2	0	0	0	0	0	2
2017	Image based Indian monument recognition using convoluted neural networks	Saini A., Gupta T., Kumar R., Gupta A.K., Panwar M., Mittal A.		2017 International Conference on Big Data, IoT and Data Science, BID 2017	2018-		17	6	9	1	16	0	33
2017	Hybrid fuzzy MPP tracking system for single and multivariable environment	Sharma C., Jain A.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		1	0	0	0	0	0	1
2017	Self-Learning system for personalized E-Learning	Pant V., Bhasin S., Jain S.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		4	1	1	0	2	0	6

2017	Integration of fog and IoT model for the future smart grid	Pant V., Jain S., Chauhan R.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		3	0	0	0	0	0	3
2017	Study of temporal variation of vertical TEC using NavIC data	Bhardwaj S.C., Vidyarthi A., Jassal B.S., Shukla A.K.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		6	4	2	0	6	0	12
2017	A fuzzy AHP methodology for selecting the best microprocessor with respect to battery life, number of cores, threading and throughput	Gupta V., Agarwal V., Bharadwaj V., Chandna R.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		1	0	0	0	0	0	1
2017	Comparative analysis of different structures of photovoltaic cell based on organic materials	Kukreti K., Rathod A.P.S., Negi S., Chamoli V.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		0	0	1	0	1	0	1
2017	Sensitivity of NavIC signal for soil moisture variation	Chamoli V., Prakash R., Vidyarthi A., Ray A.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		9	3	0	0	3	0	12
2017	Design of FOPID controller with various optimization algorithms for a SOPDT model	Kapoor S., Chaturvedi M., Juneja P.K.		2017 International Conference on Emerging Trends in Computing and Communication Technologies, ICETCCT 2017	2018-		4	1	0	0	1	0	5
2017	Design of fractional order PID controller for a SOPDTprocess model	Kapoor S., Chaturvedi M., Juneja P.K.		2017 4th International Conference on Image Information Processing, ICIIP 2017	2018-		2	2	0	0	2	0	4
2017	Integral error based controller performance comparison for a FOPDT model	Naithani D., Chaturvedi M., Juneja P.K.		2017 4th International Conference on Image Information Processing, ICIIP 2017	2018-		3	0	1	0	1	0	4
2017	Implementation of single precision conventional and fused floating point add-sub unit using Verilog	Sharma A., Singh S., Sharma A.		Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018-		1	2	0	0	2	0	3
2017	Implementation of Ex-OR gate using QCA with NNI logic	Bharti A., Sharma A.		Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018-		3	0	1	0	1	0	4
2017	ISL gesture recognition using multiple feature fusion	Bora R., Bisht A., Saini A., Gupta T., Mittal A.		Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018-		3	2	1	0	3	0	6
2017	Pattern recognition in thought form images using chromaticity parameters	Prasad R.S., Prasad S., Prasad V.		Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018-		8	0	1	0	1	0	9
2017	Performance comparison of HSV and L ⁎a⁎b⁎ spaces in thought form image analysis	Prasad R.S.		Proceedings - 2017 IEEE 17th International Conference on Bioinformatics and Bioengineering, BIBE 2017	2018-		1	0	1	0	1	0	2
2017	Implementation and analysis of various background subtraction techniques for IR target detection using different filters	Pande K., Yadav S.C., Srivastava A.K.		Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018-		2	0	0	0	0	0	2
2017	A Computer Vision Framework for Detecting and Preventing Human-Elephant Collisions	Mittal A., Dua I., Shukla P., Raman B.		Proceedings - 2017 IEEE International Conference on Computer Vision Workshops, ICCVW 2017	2018-		7	1	1	0	2	0	9
2017	Gas turbine power plant performance evaluation under key failures	Ram M., Nagiya K.	18234690	Journal of Engineering Science and Technology	12	7	2	1	1	0	2	0	4
2017	Functional analysis of selected deletion mutants in Candida glabrata under hypoxia	Gupta P., Meena R.C., Kumar N.	2190572X	3 Biotech	7	3	2	3	1	0	4	0	6
2017	Automated control and optimisation of overhead cranes	Kharola A., Patil P.	21561680	International Journal of Manufacturing, Materials, and Mechanical Engineering	7	3	1	1	0	0	1	0	2
2017	An automatic non-invasive method for Parkinson's disease classification	Joshi D., Khajuria A., Joshi P.	1692607	Computer Methods and Programs in Biomedicine	145		67	12	11	1	24	0	91
2017	Binary wavelet transform-based completed local binary pattern texture descriptors for classification of microscopic images of hardwood species	Yadav A.R., Anand R.S., Dewal M.L., Gupta S.	437719	Wood Science and Technology	51	4	10	0	0	0	0	0	10
2017	Analytical modeling of low cost single and dual gate organic transistor and their parameters extraction	Mittal P.		International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings			0	0	0	0	0	0	0
2017	Machining parameters optimization during machining of Al/5 wt% alumina metal matrix composite by fiber laser	Ghosal A., Patil P.	0094243X	AIP Conference Proceedings	1851		3	0	0	0	0	0	3
2017	Prioritising indicators in improving supply chain performance using fuzzy AHP: insights from the case example of four Indian manufacturing companies	Govindan K., Mangla S.K., Luthra S.	9537287	Production Planning and Control	28	6-8	43	14	10	0	24	0	67
2017	Alterations in growth, photosynthetic activity and tissue-water relations of tea clones in response to different soil moisture content	Rawat J.M., Rawat B., Tewari A., Joshi S.C., Nandi S.K., Palni L.M.S., Prakash A.	9311890	Trees - Structure and Function	31	3	4	3	1	1	5	0	9
2017	Entrepreneurship through start-ups in hill areas using photovoltaic systems	Sharma C., Jain A.	20893191	Bulletin of Electrical Engineering and Informatics	6	2	7	2	0	0	2	0	9

2017	Inventory Model with Exponential Time-Dependent Demand Rate, Variable Deterioration, Shortages and Production Cost	Tripathi R.P., Pareek S., Kaur M.	23495103	International Journal of Applied and Computational Mathematics	3	2	10	2	0	0	2	0	12
2017	Experimental and modeling hydraulic studies of foam drilling fluid flowing through vertical smooth pipes	Saxena A., Pathak A.K., Ojha K., Sharma S.	11100621	Egyptian Journal of Petroleum	26	2	11	1	2	1	4	0	15
2017	An approach to solve the target coverage problem by efficient deployment and scheduling of sensor nodes in WSN	Singh D.P., Pant B.	9756809	International Journal of System Assurance Engineering and Management	8	2	6	3	2	0	5	0	11
2017	Performability of solar thermal power plant under reliability characteristics	Goyal N., Ram M., Kaushik A.	9756809	International Journal of System Assurance Engineering and Management	8	2	3	4	1	0	5	0	8
2017	Components integration-effect graph: a black box testing and test case generation technique for component-based software	Tiwari U.K., Kumar S.	9756809	International Journal of System Assurance Engineering and Management	8	2	2	0	1	0	1	0	3
2017	Fabrication of conducting composite sheets using cost-effective graphite flakes and amorphous styrene acrylonitrile for enhanced thermistor, dielectric, and electromagnetic interference shielding properties	Panwar V., Gill F.S., Rathi V., Tewari V.K., Mehra R.M., Park J.-O., Park S.	2540584	Materials Chemistry and Physics	193		7	0	3	0	3	0	10
2017	In vitro approaches for conservation and reducing juvenility of Zanthoxylum armatum DC: an endangered medicinal plant of Himalayan region	Purohit S., Jugran A.K., Bhatt I.D., Palni L.M.S., Bhatt A., Nandi S.K.	9311890	Trees - Structure and Function	31	3	8	5	1	0	6	0	14
2017	Comprehensive design methodology for control and data planes in wavelength-routed optical networks	Chandwani G., Sen R., Datta D.	1387974X	Photonic Network Communications	33	3	0	0	0	0	0	0	0
2017	Preface	Ram M., Davim J.P.		Mathematics Applied to Engineering			0	0	0	0	0	0	0
2017	Mathematics applied to engineering	Ram M., Davim J.P.		Mathematics Applied to Engineering			3	0	0	0	0	0	3
2017	Free vibration and connecting bolt constraint-based FEA analysis of heavy vehicle medium duty transmission gearbox housing made from AISI 4130 alloy material	Kumar A., Patil P.P.		Mathematics Applied to Engineering			1	1	0	0	1	0	2
2017	Series-parallel system study under warranty and preventive maintenance	Goyal N., Ram M.		Mathematics Applied to Engineering			2	1	0	0	1	0	3
2017	On solving complex reliability optimization problem using multi-objective particle swarm optimization	Kumar A., Pant S., Ram M., Singh S.B.		Mathematics Applied to Engineering			13	4	2	0	6	0	19
2017	Prioritizing the barriers to achieve sustainable consumption and production trends in supply chains using fuzzy Analytical Hierarchy Process	Mangla S.K., Govindan K., Luthra S.	9596526	Journal of Cleaner Production	151		112	37	51	2	90	0	202
2017	PID control of two-stage inverted pendulum	Kharola A., Patil P.		2016 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2016			2	1	1	0	2	0	4
2017	A New Technique For Reduced-Order Modelling of Linear Time-Invariant System	Sikander A., Prasad R.	3772063	IETE Journal of Research	63	3	40	18	8	0	26	0	66
2017	Structural health monitoring systems and methods	Dixit A.	22127976	Recent Patents on Mechanical Engineering	10	2	1	0	0	1	1	0	2
2017	Generation of electricity by vibrating piezoelectric crystal in staircases	Aswal P., Singh S.K., Sharma G., Bisht P., Singh S.	25024752	Indonesian Journal of Electrical Engineering and Computer Science	6	2	1	0	0	0	0	0	1
2017	Resistive Switching in ZnO Nanorods/Graphene Oxide Hybrid Multilayer Structures	Anoop G., Panwar V., Kim T.Y., Jo J.Y.	2199160X	Advanced Electronic Materials	3	5	29	7	4	1	12	0	41
2017	Barriers to coastal shipping development: An Indian perspective	Venkatesh V.G., Zhang A., Luthra S., Dubey R., Subramanian N., Mangla S.	13619209	Transportation Research Part D: Transport and Environment	52		33	16	14	0	30	0	63
2017	Chemically activated carbon from lignocellulosic wastes for heavy metal wastewater remediation: Effect of activation conditions	Nayak A., Bhushan B., Gupta V., Sharma P.	219797	Journal of Colloid and Interface Science	493		121	33	24	2	59	0	180
2017	Economic ordering policies under credit financing for deteriorating items with stock-dependent demand rate using discounted cash flow approach	Tripathi R.P.	17509653	International Journal of Management Science and Engineering Management	12	2	2	0	0	0	0	0	2
2017	A comparative study for position regulation and anti-swing control of highly non-linear Double Inverted Pendulum (DIP) system using different soft com	Kharola A., Patil P.	2156177X	International Journal of Fuzzy System Applications	6	2	0	0	0	0	0	0	0
2017	Fracture Behavior of GMA Welded Joints of Dissimilar and Similar Aluminum Alloys of 6061-T6/5083-O	Verma R.P., Pandey K.N.	15477029	Journal of Failure Analysis and Prevention	17	2	4	1	1	2	4	0	8
2017	Optimization of Call Drop system (CDS) through reliability approach	Gaur P., Saini P., Kumar A., Ram M.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			0	0	0	0	0	0	0
2017	A broker based framework for federated Cloud environment	Chauhan S.S., Pilli E.S., Joshi R.C.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			5	0	2	0	2	0	7
2017	Performance analysis of Silicon-On-Nothing MOSFET under 100nm technology nodes	Lakhera P., Sundriyal S., Kumar B.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			1	0	0	0	0	0	1
2017	Interval-valued reliability assessment of 2-out-of-4 system	Kumar A., Singh S.B., Ram M.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			6	1	0	1	2	0	8
2017	Variation in extinction cross-section of rain drops with temperature	Biswas R., Vidyarthi A., Jassal B.S., Shukla A.K.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			0	0	0	0	0	0	0
2017	Performance analysis of active matrix organic display using vertical channel organic thin film transistor	Negi S., Mittal P., Rawat S.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			1	0	0	0	0	0	1

2017	Digital circuit optimization using Pass Transistor Logic architectures	Mittal M., Rathod A.P.S.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			4	0	2	0	2	0	6
2017	Finding safe path and locations in disaster affected area using Swarm Intelligence	Karasi A., Rathod A.P.S.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			1	0	0	0	0	0	1
2017	Frequency scaling of slant path rain attenuation for fade mitigation in satellite communication	Vidyarthi A., Biswas R., Jassal B.S., Shukla A.K.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			1	0	2	0	2	0	3
2017	Survey of scaling platforms for Deep Neural Networks	Ratnaparkhi A.A., Pilli E., Joshi R.C.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			3	0	0	0	0	0	3
2017	Robustness analysis of controller designed for first, second and third order delayed process model	Joshi M., Uniyal J., Juneja P.K.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			2	0	0	0	0	0	2
2017	Enhancing concealed target detection through dual polarized 94 GHz radiometric sensor	Kumar A., Jassal B.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			0	0	0	0	0	0	0
2017	Performance analysis of dual gate OTFT using different gate dielectric materials	Baliga A.K., Kumar B., Pandey Y.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			0	0	0	0	0	0	0
2017	A comparative study of NDBI, NDISI and NDII for extraction of urban impervious surface of Dehradun [Uttarakhand, India] using Landsat 8 imagery	Garg A., Pal D., Singh H., Pandey D.C.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			11	3	4	0	7	0	18
2017	Impact of variation in gate line spacing and active layer thickness on performance of organic static induction transistor	Baliga A.K., Kumar B., Srishti		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			0	0	0	0	0	0	0
2017	Organic Thin Film Transistor and Organic Inverter based on Cylindrical Gate OTFT	Singh A., Mittal P.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			0	0	0	0	0	0	0
2017	Three machines flowshop scheduling model with separate setup times	Tyagi N., Tripathi R.P., Chandramouli A.B.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			2	0	0	0	0	0	2
2017	Analysis of factors affecting the solar radiation received by any region	Rathod A.P.S., Mittal P., Kumar B.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			7	3	5	0	8	0	15
2017	Lower bounds of correlation measure for time hopping codes in UWB communication systems	Singh R., Jassal B.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			2	0	0	0	0	0	2
2017	Modeling error effect on performance of a second order delayed process model	Uniyal J., Joshi M., Juneja P.K.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			0	0	0	0	0	0	0
2017	Modelling and comparison of single gate and dual gate organic thin film transistor	Saini D., Saini S., Negi S.		2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016			2	0	1	0	1	0	3
2017	Hybrid method of reduced order modelling for LTI system using evolutionary algorithm	Sikander A., Thakur P., Uniyal I.		Proceedings on 2016 2nd International Conference on Next Generation Computing Technologies, NGCT 2016			4	2	2	0	4	0	8
2017	Micropropagation and genetic fidelity analysis in Amomum subulatum Roxb.: A commercially important Himalayan plant	Purohit S., Nandi S.K., Paul S., Tariq M., Palni L.M.S.	22147861	Journal of Applied Research on Medicinal and Aromatic Plants	4		7	2	3	0	5	0	12
2017	[Anticandidal synergistic activity of green tea catechins, antimycotics and copper sulphate as a mean of combinational drug therapy against candidiasis, Activité synergique anti-candida de catéchines du thé vert, antimycosiques et sulfate de cuivre comme moyen de thérapie médicamenteuse combinational contre la candidose]	Anand J., Rai N.	11565233	Journal de Mycologie Medicale	27	1	12	2	1	0	3	0	15
2017	Sliding mode control based line-of-sight (LOS) stabilization of electro-optical sighting system	Singh S., Marathe R., Kumar A., Kumar R.		1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016			1	0	0	0	0	0	1
2017	Design of compact and high performance edge coupled coplanar waveguide band pass filter	Kumar M., Gowri R.		1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016			1	0	0	0	0	0	1
2017	Principles and advantages of microwave- assisted methods for the synthesis of nanomaterials for water purification	Saleh T.A., Majeed S., Nayak A., Bhushan B.		Advanced Nanomaterials for Water Engineering, Treatment, and Hydraulics			11	7	6	0	13	0	24
2017	Performance analysis of vertical channel organic thin film transistors using various OSC materials	Srishti, Baliga A.K., Pandey Y., Kumar B.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1	0	0	0	0	0	1
2017	Performance comparison of monolayer, bilayer and multilayer organic light emitting diodes	Uniyal A., Srishti, Mittal P.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1	0	1	0	1	0	2
2017	Recent advancements and overview of organic solar cell	Kukreti K., Rathod A.P.S., Kumar B.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			6	0	0	0	0	0	6

2017	Performance analysis of dual gate organic thin film transistor through analytical modeling	Negi S., Baliga A.K., Pandey Y., Mittal P., Kumar B.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			6	1	1	0	2	0	8
2017	Performance analysis of dual gate-OTFT with variation in OSC thickness and channel length	Pandey Y., Baliga A.K., Srishti, Negi S., Kumar B.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			4	1	0	0	1	0	5
2017	Analysis of bottom gate bottom contact device using floating electrode structure	Rathod A.P.S., Baliga A.K., Kumar B.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			0	0	0	0	0	0	0
2017	A novel diamond search ME algorithm for systolic arrays	Ria, Yadav S.C.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			0	0	0	0	0	0	0
2017	Performance analysis of different novel organic thin film transistor structures	Verma A., Mittal P.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			0	1	0	0	1	0	1
2017	Retiming technique for clock period minimization using shortest path algorithm	Pandey V., Yadav S.C., Arora P.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			5	0	2	0	2	0	7
2017	Low power and noise resistant 16×16 SRAM array design using CMOS logic and differential sense amplifier	Bisht R., Aggarwal P., Karki P., Pande P.		Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			9	2	4	0	6	0	15
2017	Experimental study of flow over trench weir with flat bars	Kumar S., Ahmad Z.	9715010	ISH Journal of Hydraulic Engineering	23	1	0	0	0	0	0	0	0
2017	Design of modified smith predictor for dead time compensation for SOPDT process	Singh S., Chaturvedi M., Juneja P.K.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			2	0	0	0	0	0	2
2017	Design and analysis of high gain-low power operational-amplifier for bio-medical applications	Toliya R.S., Dhaka N., Kumar M., Pranav A.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0
2017	Organic cylindrical transistor: Analytical modeling and performance parameters extraction	Kumar B., Singh A., Ramola V., Mittal P.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0
2017	Design and analysis of low power, high speed 8 × 8 vedic multiplier using transmission gate	Dhaka N., Kumar M., Toliya R.S., Pranav A.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0
2017	Lqg controller design for an industrial boiler turbine	Sunori S.K., Juneja P.K., Chaturvedi M., Chauhan M.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			2	0	1	0	1	0	3
2017	Performance analysis of 20 nm gate length fin-fet for different materials and fin-widths	Kumar B., Gupta U.K., Ramola V., Mittal P.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			1	2	0	0	2	0	3
2017	Implementation and performance analysis of different multipliers	Karki P., Aggarwal P., Bisht R., Yadav S.C.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0
2017	Effect of delay approximation on set point tracking performance of pid controllers for ipdt process model	Kholia P., Chaturvedi M., Juneja P.K.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			2	0	0	0	0	0	2
2017	Load current signature analysis of zsi fed induction motor drive system	Negi B., Sharma V., Negi P.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0
2017	Performance analysis of different adaptive algorithms for equalization	Aggarwal P., Yadav S.C.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0

2017	Performance analysis of cylindrical dual material gate junctionless nanowire transistor	Sudan J.K., Gangwar D.S., Mittal P., Kumar B.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0
2017	Design and implementation of a low power and area efficient sequential multiplier	Kumar M., Dhaka N., Toliya R.S., Yadav S.C.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	0	0	0	0	0
2017	Set-point tracking and disturbance rejection capability analysis of controllers designed for SOPDT model	Chaturvedi M., Juneja P.K., Upreti G.		Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016			0	0	1	0	1	0	1
2017	Effects of differentiation strategy as a mediating variable in the relationship between entrepreneurial orientation and SMEs performance: A study of Indian SMEs	Kaushal D., Kumar S., Negi A., Raj R.	9729380	International Journal of Economic Research	14	16	0	1	0	1	2	0	2
2017	Antecedents, consequences and strategic responses to graduate work-readiness: Challenges in India	Prikshat V., Kumar S., Raje P.		Transitions from Education to Work: Workforce Ready Challenges in the Asia Pacific			1	1	0	0	1	0	2
2017	The impact of the mobility of nodes on performance of TCP in MANET	Dobhal D., Dimri S.		Proceedings of the International Conference on Electronics, Communication and Aerospace Technology, ICECA 2017	2017-		1	0	1	0	1	0	2
2017	Fabrication of polymeric nanostructured hydrophobic surfaces and evaluation of antimicrobial activity	Mishra A., Jha R.	9711198	Trends in Biomaterials and Artificial Organs	31	1	0	1	0	0	1	0	1
2017	Analysis of orifice compensated four pocket geometric irregular misaligned journal bearing	Rajput A.K., Yadav S.K., Sharma S.C.	20780958	Lecture Notes in Engineering and Computer Science	2230		0	0	0	0	0	0	0
2017	FEA based vibration characteristic analysis of conventional and composite material single piece drive shaft	Kumar A., Sharma N., Patil P.P.	20780958	Lecture Notes in Engineering and Computer Science	2230		0	0	0	0	0	0	0
2017	Thermogravimetric analysis (TGA) study: Exploring the reason of increased mass of CNF/PTFE composite with temperature at higher weights of CNF	Chandra S., Gill F.S., Garg P.	9734562	International Journal of Applied Engineering Research	12	13	1	0	0	0	0	0	1
2017	Performance analysis of OLED with hole block layer and impact of multiple hole block layer	Negi S., Mittal P., Kumar B.	18650929	Communications in Computer and Information Science	711		2	1	0	0	1	0	3
2017	Capacity of dual-branch MRC system over correlated Nakagami-m fading channels with non-identical fading parameters and imbalanced average SNRs	Devi P.B., Yengkhom A., Hasan M.I., Chandwani G.	17411084	International Journal of Wireless and Mobile Computing	13	2	2	0	0	0	0	0	2
2017	A mathematical model of a rocket engine for reliability analysis	Kaushik A., Goyal N., Ram M.		Mechanical Systems: Research, Applications and Technology			0	0	0	0	0	0	0
2017	Wind turbine standards and certification: Indian perspective	Singh R., Singh A.K., Thakur P.		Handbook of Distributed Generation: Electric Power Technologies, Economics and Environmental Impacts			0	0	0	0	0	0	0
2017	Employers' perception of women workers in Oman and the challenges they face	Belwal R., Belwal S.	1425455	Employee Relations	39	7	5	3	9	1	13	0	18
2017	Malicious PDF files detection using structural and javascript based features	Dabral S., Agarwal A., Mahajan M., Kumar S.	18650929	Communications in Computer and Information Science	750		1	1	1	0	2	0	3
2017	Robust Action Recognition framework using Segmented Block and Distance Mean Histogram of Gradients Approach	Tripathi V., Gangodkar D., Mittal A., Kanth V.	18770509	Procedia Computer Science	115		2	0	2	0	2	0	4
2017	FEA Simulation of Vibrating Cantilever Plate with Transverse Surface Crack	Gori Y., Kumar P., Patil P.P.	22147853	Materials Today: Proceedings	4	9	2	0	1	1	2	0	4
2017	Lingzhi or reishi medicinal mushroom, Ganoderma lucidum (Agaricomycetes), inhibits Candida biofilms: A metabolomic approach	Bhardwaj A., Gupta P., Kumar N., Mishra J., Kumar A., Rakhee, Misra K.	15219437	International Journal of Medicinal Mushrooms	19	8	18	1	1	0	2	0	20
2017	Graphical and theoretical approach of thermodynamics in cyclic theory of universe	Chandola N., Chaturvedi M., Rawat R.S., Dhami Y.	18650929	Communications in Computer and Information Science	721		0	0	0	0	0	0	0
2017	Energy efficient task distribution with efficient deployment and scheduling of sensor nodes in WSN	Singh D.P., Pant B.	17543916	International Journal of Communication Networks and Distributed Systems	19	2	9	4	0	0	4	0	13
2017	Optimization process during laser machining of 2 mm thick Al/Al2O3 MMC	Ghosal A., Manna A., Patil P.	2555476	Materials Science Forum	900		1	1	0	0	1	0	2
2017	Lichenized fungi Phaeophyscia (Physciaceae, ascomycota) as indicator of ambient air heavy metal deposition, along land use gradient in an Alpine habitat of Western Himalaya, India	Gupta S., Rai H., Upreti D.K., Gupta R.K., Sharma P.K.	2578050	Pollution Research	36	1	1	0	1	0	1	0	2
2017	Effect of geometrical irregularities on the performance of a misaligned hybrid journal bearing compensated with membrane restrictor	Rajput A.K., Yadav S.K., Sharma S.C.	0301679X	Tribology International	115		10	4	5	1	10	0	20
2017	Structural model for sustainable consumption and production adoption—A grey-DEMATEL based approach	Luthra S., Govindan K., Mangla S.K.	9213449	Resources, Conservation and Recycling	125		68	25	13	2	40	0	108
2017	Comparative analysis of physico-chemical parameters of water in main river channel of River Ganges after dam wall of Maneri Bhali Phase I and Phase II hydroelectric power projects	Thapliyal M., Tiwari P., Sati B., Anthwal P., Chakraborti A., Thapliyal A.	0971765X	Ecology, Environment and Conservation	23	1	0	0	0	0	0	0	0
2017	EOQ model for deteriorating items with stock-dependent demand under inflation and trade credits	Tripathi R.P.	17466474	International Journal of Productivity and Quality Management	21	2	0	0	0	0	0	0	0
2017	EOQ model for non- decreasing time dependent deterioration and decaying demand under non-increasing time shortages	Tripathi R.P., Kaur M.	22916822	Uncertain Supply Chain Management	5	4	4	1	0	0	1	0	5
2017	Optimization of casting process through reliability approach	Kumar A., Ram M., Rawat R.S.	0265671X	International Journal of Quality and Reliability Management	34	6	4	0	1	0	1	0	5

2017	Sensitivity analysis of a three-unit series system under k-out-of-n redundancy	Goyal N., Ram M., Amoli S., Suyal A.	0265671X	International Journal of Quality and Reliability Management	34	6	6	5	4	0	9	0	15
2017	Stochastic analysis of two non-identical unit parallel system incorporating waiting time	Chopra G., Ram M.	0265671X	International Journal of Quality and Reliability Management	34	6	6	1	1	0	2	0	8
2017	Papers from ICMTEA 2016	Ram M.	0265671X	International Journal of Quality and Reliability Management	34	6	0	0	0	0	0	0	0
2017	Turbofan engine performance under reliability measures approach	Kumar A., Kumar R., Ram M.	17281431	International Journal of Engineering, Transactions A: Basics	30	4	3	1	0	0	1	0	4
2017	Improved dynamic time warping based approach for activity recognition	Tripathi V., Agarwal S., Mittal A., Gangodkar D.	21945357	Advances in Intelligent Systems and Computing	516		0	1	0	0	1	0	1
2017	Estimation of performability parameters of centre heating system	Ram M., Goyal N., Saxena A., Tandon A., Bhattacharya A.	13598678	Nonlinear Studies	24	1	0	0	0	0	0	0	0
2017	An efficient algorithm to scan conversion of ellipse under auxiliary circle	Dimri S.C., Ram M.	13598678	Nonlinear Studies	24	1	0	0	2	0	2	0	2
2017	Inventory model with time dependent demand, weibull deterioration and permissible delay in payment	Aarya D.D., Kumar M., Chauhan A.	13598678	Nonlinear Studies	24	1	2	0	0	0	0	0	2
2017	A tree topology network environment analysis under reliability approach	Nagiya K., Ram M., Dua A.K.	13598678	Nonlinear Studies	24	1	3	0	0	0	0	0	3
2017	A modified particle swarm optimization algorithm for nonlinear optimization	Pant S., Kumar A., Singh S.B., Ram M.	13598678	Nonlinear Studies	24	1	17	6	6	0	12	0	29
2017	Influences of variant mass on the structures of differentially rotating and tidally distorted polytropes	Saini S., Kumar S., Singh K.K.	13598678	Nonlinear Studies	24	1	1	2	0	0	2	0	3
2017	Applied mathematical techniques in engineering applications and related topics-II	Ram M.	13598678	Nonlinear Studies	24	1	0	0	0	0	0	0	0
2017	A PID based ANFIS control of inverted pendulum climbing on inclined plane	Kharola A., Patil P.	13598678	Nonlinear Studies	24	1	1	0	0	0	0	0	1
2017	DC grid/bus tied DFIG based wind energy system	Shukla R.D., Tripathi R.K., Thakur P.	9601481	Renewable Energy	108		16	3	2	0	5	0	21
2017	Localization based intelligent traffic management system	Goel P., Goudar R.H., Malik R., Singh R., Singh N.K.	9756809	International Journal of System Assurance Engineering and Management	8		1	0	0	0	0	0	1
2017	Ontology-based automatic annotation: An approach for efficient retrieval of semantic results of web documents	Lakshmi Tulasi R., Rao M.S., Ankita K., Hgoudar R.	21945357	Advances in Intelligent Systems and Computing	507		5	0	1	0	1	0	6
2017	Optimal ordering policy under two stage trade credits financing for deteriorating items using discounted cash flow approach	Tripathi R.P.	14606739	International Journal of Process Management and Benchmarking	7	1	3	0	1	0	1	0	4
2017	Stochastic modelling of a wind electric generating power plant: Performance under multi-approaches	Goyal N., Ram M.	0265671X	International Journal of Quality and Reliability Management	34	1	3	2	1	0	3	0	6
2017	Identify and prioritise the critical factors in implementing the reverse logistics practices: A case of Indian auto component manufacturer	Luthra S., Mangla S.K., Kumar S., Garg D., Haleem A.	1751200X	International Journal of Business and Systems Research	11	1-2	19	2	1	0	3	0	22
2017	An integrated framework for sustainable supplier selection and evaluation in supply chains	Luthra S., Govindan K., Kannan D., Mangla S.K., Garg C.P.	9596526	Journal of Cleaner Production	140		386	110	101	10	221	0	607
2017	Efficient storage and processing of video data for moving object detection using hadoop/mapreduce	Parsola J., Gangodkar D., Mittal A.	18761100	Lecture Notes in Electrical Engineering	395		6	1	0	0	1	0	7
2017	Effect of faults on power electronic devices for ZSI-fed induction motor drive system	Negi B., Sharma V., Bhatt A., Yadav P.	21945357	Advances in Intelligent Systems and Computing	479		1	0	0	0	0	0	1
2017	Generation of electricity by piezoelectric crystal in dance floor	Aswal P., Singh S.K., Thakur A.	21945357	Advances in Intelligent Systems and Computing	479		0	1	0	0	1	0	1
2017	Comparative study of the methodologies used in low-power master–slave flip-flops	Sengupta A., Pande P.	21945357	Advances in Intelligent Systems and Computing	479		1	0	0	0	0	0	1
2017	A novel approach for designing PID controller for set-point tracking for a HVAC process	Sundriyal N., Yadav P., Chaturvedi M.	21945357	Advances in Intelligent Systems and Computing	479		1	1	1	1	3	0	4
2017	Dead time compensation in sugar crystallization process	Sunori S.K., Juneja P.K., Chaturvedi M., Mittal J.	21945357	Advances in Intelligent Systems and Computing	479		7	2	2	0	4	0	11
2017	Performance analysis of interleaved coupled inductor boost DC–DC converter fed induction motor drive	Sharma V., Bhatt A., Rawat N., Garg S.	21945357	Advances in Intelligent Systems and Computing	479		0	0	0	0	0	0	0
2017	Design of quadratic equations multiplier (for upto 2-bit number) using vedic technique	Sharma P., Singh R.P., Singh R., Pande P.	21945357	Advances in Intelligent Systems and Computing	479		1	0	0	0	0	0	1
2017	Design and comparative analysis of controllers for continuous stirred tank reactor (CSTR)	Saini P., Kumar R., Sharma P., Rajput N.	21945357	Advances in Intelligent Systems and Computing	479		3	1	0	0	1	0	4
2017	Contact thickness variation effect on performance of novel organic thin film transistor	Verma A., Mittal P.	21945357	Advances in Intelligent Systems and Computing	479		0	0	0	0	0	0	0
2017	Depth analysis of organic bilayer solar cell and their performance parameters extraction	Kukreti K., Rathod A.P.S., Kumar B.	21945357	Advances in Intelligent Systems and Computing	479		1	0	0	0	0	0	1
2017	Dual gate organic inverter circuit behavior analysis based on diode load logic configuration	Pandey Y., Negi S., Srishti, Baliga A.K., Kumar B.	21945357	Advances in Intelligent Systems and Computing	479		0	0	0	0	0	0	0
2017	Finite element analysis of wing design	Chandola N., Rawat R.S.	21945357	Advances in Intelligent Systems and Computing	479		0	0	0	0	0	0	0
2017	Impact of gate thickness variation and dielectric on the performance of vertical organic thin film transistor	Srishti, Pandey Y., Baliga A.K., Kumar B.	21945357	Advances in Intelligent Systems and Computing	479		0	0	0	0	0	0	0
2017	Improvement in performance of OLED by introducing additional hole blocking layer	Uniyal A., Mittal P.	21945357	Advances in Intelligent Systems and Computing	479		0	0	0	0	0	0	0
2017	Seed layer-assisted fabrication of KNbO3nanowires on Cu foil	Panwar V., Kim G.W., Anoop G., Jo J.Y.	9258388	Journal of Alloys and Compounds	691		4	0	2	0	2	0	6
2017	Spectral efficiency of dual diversity selection combining schemes under correlated Nakagami-0.5 fading with unequal average received SNR	Hasan M.I., Kumar S.	10184864	Telecommunication Systems	64	1	6	0	2	0	2	0	8
2016	An analysis to multi-state manufacturing system with common cause failure and waiting repair strategy	Ram M., Manglik M.	23311916	Cogent Engineering	3	1	4	3	1	0	4	0	8
2016	Concentrating power for mppt solar pv module forming channelization of efficient energy	Aswal P., Chaturvedi M., Singh P., Juneja P.K.	25024752	Indonesian Journal of Electrical Engineering and Computer Science	4	3	1	0	0	0	0	0	1
2016	Microfinance and empowering rural women in the Terai, Uttarakhand, India	Tripathi V.M., Mohan A.	9731903	International Journal of Agricultural and Statistical Sciences	12	2	0	0	0	0	0	0	0

2016	Development of a green and sustainable clean up system from grape pomace for heavy metal remediation	Nayak A., Bhushan B., Gupta V., Rodriguez-Turienzo L.	22133437	Journal of Environmental Chemical Engineering	4	4	11	3	5	1	9	0	20
2016	Fuzzy analytic hierarchy process to a structure under 2-out-of-3:F modeling	Chandna R., Ram M.	303887	OPSEARCH	53	4	3	2	1	0	3	0	6
2016	An adaptive technique based on separability index to classify PALSAR data	Thakur V., Ghildiyal P.G.N., Prakash R.		Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2016			2	0	0	0	0	0	2
2016	Total harmonic distortion at fault in RLC load	Aswal P., Singh S.K., Agarwal N., Sharma V., Sharma G.	25024752	Indonesian Journal of Electrical Engineering and Computer Science	4	2	2	0	0	0	0	0	2
2016	Investigation of phytochemical composition, evaluation of antioxidant, antibacterial activities, and toxicity study of Emblica officinalis and Terminalia bellirica fruits	Badon H., Sharma P., Waheed S.M., Singh S.	9742441	Asian Journal of Pharmaceutical and Clinical Research	9	6	4	1	3	0	4	0	8
2016	In-vitro antioxidant activity of Canna indica extracts using different solvent system	Singh R., Bachheti R.K., Saini C.K., Singh U.	9742441	Asian Journal of Pharmaceutical and Clinical Research	9	6	3	0	0	0	0	0	3
2016	Numerical solution to stochastic partial differential equation with variable repair rate	Ram M., Gupta A.	3610926	Communications in Statistics - Theory and Methods	45	21	1	0	0	0	0	0	1
2016	Using AHP to evaluate barriers in adopting sustainable consumption and production initiatives in a supply chain	Luthra S., Mangla S.K., Xu L., Diabat A.	9255273	International Journal of Production Economics	181		128	31	32	2	65	0	193
2016	A combined approach using AHP and DEMATEL for evaluating success factors in implementation of green supply chain management in Indian manufacturing industries	Gandhi S., Mangla S.K., Kumar P., Kumar D.	13675567	International Journal of Logistics Research and Applications	19	6	95	29	33	1	63	0	158
2016	Comparative analysis of VSI, CSI and ZSI fed induction motor drive system	Sharma V., Saini P., Garg S., Negi B.		Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016			8	3	1	0	4	0	12
2016	Harmonic diagnosis of cascaded multilevel inverter	Sharma V., Garg S., Sharma M.		Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016			0	0	0	0	0	0	0
2016	Design and analysis of controllers for continous stirred tank reactor (CSTR)	Saini P., Gaba S.K., Rajput N., Aggarwal A.		Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016			7	1	0	0	1	0	8
2016	Preface	Ram M., Davim J.P.		Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			1	0	0	0	0	0	1
2016	Welding process under fault coverage approach for reliability and MTTF	Goyal N., Ram M., Kumar P.		Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			1	0	7	0	7	0	8
2016	Journey from order to chaos and returning	Singh A.		Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			1	0	0	0	0	0	1
2016	Mathematical concepts and applications in mechanical engineering and mechatronics	Ram M., Davim J.P.		Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			1	0	0	0	0	0	1
2016	Performance Evaluation of a Multi-state System Covering Imperfect Fault Coverage	Ram M., Manglik M.	3610918	Communications in Statistics: Simulation and Computation	45	9	6	2	0	0	2	0	8
2016	Dynamic Analysis of Heavy Vehicle Medium Duty Drive Shaft Using Conventional and Composite Material	Kumar A., Jain R., Patil P.P.	17578981	IOP Conference Series: Materials Science and Engineering	149	1	2	2	0	0	2	0	4
2016	Evaluation of Network Risk Using Attack Graph Based Security Metrics	Kumar S., Negi A., Prasad K., Mahanti A.		Proceedings - 2016 IEEE 14th International Conference on Dependable, Autonomic and Secure Computing, DASC 2016, 2016 IEEE 14th International Conference on Pervasive Intelligence and Computing, PICom 2016, 2016 IEEE 2nd International Conference on Big Data Intelligence and Computing, DataCom 2016 and 2016 IEEE Cyber Science and Technology Congress, CyberSciTech 2016, DASC-PICom-DataCom-CyberSciTech 2016			5	0	1	0	1	0	6
2016	An Approach to Investigating Reliability Indices for Tree Topology Network	Goyal N., Ram M., Dua A.K.	1969722	Cybernetics and Systems	47	7	3	1	0	0	1	0	4
2016	Single machine scheduling model with total tardiness problem	Tyagi N., Tripathi R.P., Chandramouli A.B.	9746846	Indian Journal of Science and Technology	9	37	5	3	0	0	3	0	8
2016	Dielectrophoretic relay assisted molecular communication for in-sequence molecule delivery	Manocha P., Chandwani G., Das S.	15361241	IEEE Transactions on Nanobioscience	15	7	13	2	0	0	2	0	15
2016	Co-deposition of Synthesized ZnO Nanoparticles into Ni-P Matrix Using Electroless Technique and Their Corrosion Study	Sharma S., Sharma S., Sharma A., Agarwala V.	10599495	Journal of Materials Engineering and Performance	25	10	6	3	7	0	10	0	16
2016	Set-point tracking capability comparison of PI and PID controllers for a FOPDT process model	Juneja P.K., Chaturvedi M., Gupta M., Shah N.		Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016			0	0	0	0	0	0	0

2016	Design of inverse response compensator for complex process	Joshi M., Uniyal J., Juneja P.K.		Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016			1	0	1	0	1	0	2
2016	Integral error based controller design & performance analysis for a TOPDT process	Patel A., Juneja P.K., Chaturvedi M., Rawat S.		Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016			4	0	0	0	0	0	4
2016	Set point tracking capability and comparitive response of PI-PD controller with PI, PD and PID controller	Uniyal J., Joshi M., Juneja P.K.		Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016			4	3	0	0	3	0	7
2016	Organic thin-film transistor applications: Materials to circuits	Kaushik B.K., Kumar B., Prajapati S., Mittal P.		Organic Thin-Film Transistor Applications: Materials to Circuits			17	5	2	0	7	0	24
2016	Mimic	Shukla P., Gupta B., Bisht S., Tripathi H., Mittal A.		3rd International Conference on Signal Processing and Integrated Networks, SPIN 2016			0	0	0	0	0	0	0
2016	Evaluating the enablers in solar power developments in the current scenario using fuzzy DEMATEL: An Indian perspective	Luthra S., Govindan K., Kharb R.K., Mangla S.K.	13640321	Renewable and Sustainable Energy Reviews	63		66	19	13	0	32	0	98
2016	Vehicle Target Area and Tyre Detection Image Processing Technique	Singh A., Kumar R., Tripathi R.P., Arya U.		Proceedings - 6th International Advanced Computing Conference, IACC 2016			0	0	0	0	0	0	0
2016	Disturbance rejection performance analysis of predictive controller for a lime kiln process	Sunori S.K., Lohani M.C., Juneja P.K., Jethi G.S.		Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016			2	1	0	0	1	0	3
2016	Characterization and evaluation of radiation loss factor of edge coupled coplanar waveguide gap discontinuity	Kumar M., Gowr R.		Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016			0	0	0	0	0	0	0
2016	Investigation of parameters affecting predictive controller performance for boiler turbine	Sunori S.K., Lohani M.C., Juneja P.K., Bhakuni A.		Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016			1	2	0	0	2	0	3
2016	An Analytical Study of Component-Based Life Cycle Models: A Survey	Negi D., Chauhan Y.S., Dimri P., Harbola A.		Proceedings - 2015 International Conference on Computational Intelligence and Communication Networks, CICN 2015			1	1	0	0	1	0	2
2016	Critical success factors for reverse logistics in Indian industries: A structural model	Mangla S.K., Govindan K., Luthra S.	9596526	Journal of Cleaner Production	129		104	23	16	1	40	0	144
2016	A novel technique of power flow control in transmission lines using interline power flow control	Aswal P., Singh S.K., Thakur A., Gaur K.	25024752	Indonesian Journal of Electrical Engineering and Computer Science	3	2	1	0	0	0	0	0	1
2016	Feasibility and sensitivity analysis of an off-grid micro hydro-photovoltaic-biomass and biogas-diesel-battery hybrid energy system for a remote area in Uttarakhand state, India	Bhatt A., Sharma M.P., Saini R.P.	13640321	Renewable and Sustainable Energy Reviews	61		79	20	20	2	42	0	121
2016	Modified symmetrical component method for characterization of unbalanced voltage sags	Thakur P., Singh A.K.	20507038	International Transactions on Electrical Energy Systems	26	8	5	0	1	1	2	0	7
2016	Sentiment analysis of top colleges in India using Twitter data	Mamgain N., Mehta E., Mittal A., Bhatt G.		2016 International Conference on Computational Techniques in Information and Communication Technologies, ICCTICT 2016 - Proceedings			24	5	1	0	6	0	30
2016	Classification of polarimetric radar data with texture measure	Gupta D., Tripathi S., Rana S., Prakash R.		RAECE 2015 - Conference Proceedings, National Conference on Recent Advances in Electronics and Computer Engineering			0	0	0	0	0	0	0
2016	Classification of PALSAR data utilizing class separability index	Shivang G., Singh Patel R., Srivastava U., Prakash R.		RAECE 2015 - Conference Proceedings, National Conference on Recent Advances in Electronics and Computer Engineering			0	0	0	0	0	0	0
2016	Mediating role of organizational learning on the relationship between market orientation and innovativeness	Raj R., Srivastava K.B.L.	9696474	Learning Organization	23	5	12	4	3	1	8	0	20
2016	Mapping Three Step Search algorithm onto a systolic array processor in H.264	Ria, Yadav S.C.		2016 3rd International Conference on Recent Advances in Information Technology, RAIT 2016			2	0	1	0	1	0	3
2016	Effects of voltage unbalance on normalized performance parameters	Gupta S., Thakur P., Singh A.K.		4th Students Conference on Engineering and Systems, SCES 2015			1	1	0	0	1	0	2
2016	Performance evaluation of proposed-TCP in Mobile Ad Hoc Networks (MANETs)	Dobhal D.C., Dimri S.C.		Proceedings of the International Conference on Inventive Computation Technologies, ICICT 2016	2		9	0	0	0	0	0	9
2016	Effects of relaying schemes in scalable wireless sensor networks	Kumar K., Sharma A.		11th International Conference on Industrial and Information Systems, ICIIS 2016 - Conference Proceedings	2018-		0	0	0	0	0	0	0
2016	Study of empirical approaches for retrieval of soil moisture in solani river catchment area of Uttarakand, India	Kumar A., Pasbola A., Joshi A., Prakash R.		11th International Conference on Industrial and Information Systems, ICIIS 2016 - Conference Proceedings	2018-		1	0	0	0	0	0	1

2016	Inelastic response spectrum for seismic soil pile structure interaction	Emani P.K., Kumar R., Vedula P.	19478488	International Journal of Geotechnical Earthquake Engineering	7	2	0	1	0	0	1	0	1
2016	Antihypertensive, Amlodipine Besilate Inhibits Growth and Biofilm of Human Fungal Pathogen Candida	Gupta P., Chanda R., Rai N., Kataria V.K., Kumar N.	1540658X	Assay and Drug Development Technologies	14	5	12	2	3	1	6	0	18
2016	Thermal power plant modelling with fault coverage stochastically	Goyal N., Ram M., Bhardwaj A., Kumar A.	21561680	International Journal of Manufacturing, Materials, and Mechanical Engineering	6	3	2	0	0	0	0	0	2
2016	In-vitro hepatoprotective activity of Albizia lebbeck, Cassia occidentalis and Swertia chirata on HepG2 cells	Kumar A., Pai M.O., Rai N.	9742441	Asian Journal of Pharmaceutical and Clinical Research	9	4	5	0	1	0	1	0	6
2016	Multiloop and prediction based controller design for sugarcane crushing mill process	Sunori S.K., Bisht V.S., Jethi G.S., Juneja P.		International Conference on Soft Computing Techniques and Implementations, ICSCTI 2015			2	0	0	0	0	0	2
2016	Control of sugarcane crushing mill process: A comparative analysis	Sunori S.K., Shree S., Juneja P.K.		International Conference on Soft Computing Techniques and Implementations, ICSCTI 2015			3	2	1	0	3	0	6
2016	Secure data communication in a cloud environment using Row Column Diagonal (RCD)	Agrawal S.K., Joshi S., Purohit B.M.		International Conference on Soft Computing Techniques and Implementations, ICSCTI 2015			0	0	0	0	0	0	0
2016	Stochastic biometric system modelling with rework strategy	Ram M., Manglik M.	24557749	International Journal of Mathematical, Engineering and Management Sciences	1	1	9	2	1	0	3	0	12
2016	A PID based anfis and fuzzy control of inverted pendulum on inclined plane (IPIP)	Kharola A.	11785608	International Journal on Smart Sensing and Intelligent Systems	9	2	6	1	1	0	2	0	8
2016	Parthenium hysterophorus. L. (Asteraceae): A boon or curse? (A review)	Joshi A., Bachheti R.K., Sharma A., Mamgain R.	0970020X	Oriental Journal of Chemistry	32	3	6	3	1	0	4	0	10
2016	Controller performance analysis for a delayed process based on integral error performance indices	Naithani D., Chaturvedi M., Juneja P.K.	0970020X	Oriental Journal of Chemistry	32	3	6	0	0	0	0	0	6
2016	Coverage lifetime improvement through efficient deployment of sensor nodes in WSN	Singh D.P., Goudar R.H., Rao S.	9756809	International Journal of System Assurance Engineering and Management	7	2	9	0	1	0	1	0	10
2016	K-nearest correlated neighbor classification for Indian sign language gesture recognition using feature fusion	Gupta B., Shukla P., Mittal A.		2016 International Conference on Computer Communication and Informatics, ICCCI 2016			35	13	14	1	28	0	63
2016	Improved conductivity of carbon-nano-fiber (CNF)/polytetrafluoroethylene (PTFE) composite	Chandra S., Kalra G.S., Pushkar V.K., Panwar V., Gill F.S., Gupta H., Pal P.K., Pathak T.K., Purohit L.P.	0094243X	AIP Conference Proceedings	1731		4	0	1	0	1	0	5
2016	Study of interaction and adsorption of aromatic amines by manganese oxides and their role in chemical evolution	Bhushan B., Nayak A., Kamaluddin	14735504	International Journal of Astrobiology	16	2	2	0	0	0	0	0	2
2016	Wear analysis of cable shovel tooth	Das M.K., Dewangan S., Kumar H., Chattopadhyaya S., Sarkar S., Choudhary B.S.	222755	Journal of Mines, Metals and Fuels	64	5-6	0	0	0	0	0	0	0
2016	Wearing mechanisms of picks used in continuous miner machine for coal cutting	Nahak S., Dewangan S., Chattopadhyaya S.	222755	Journal of Mines, Metals and Fuels	64	5-6	2	0	0	0	0	0	2
2016	A comparitive study of antioxidant properties and phytochemical composition of Trapa bispinosa, Trigonella foenum-graecum, Syzygium cumini and Betula utilis	Singh S., Badoni H., Kumar V., Madan A., Sharma P., Waheed S.M.	0976044X	International Journal of Pharmaceutical Sciences Review and Research	38	2	1	0	0	0	0	0	1
2016	Adaptive Air-to-Ground Secure Communication System Based on ADS-B and Wide-Area Multilateration	Nijsure Y.A., Kaddoum G., Gagnon G., Gagnon F., Yuen C., Mahapatra R.	189545	IEEE Transactions on Vehicular Technology	65	5	28	8	3	0	11	0	39
2016	Cubical representation and minimization through cubical technique a tabular approach	Kumar R., Rawat S.	9734562	International Journal of Applied Engineering Research	11	7	1	0	0	0	0	0	1
2016	Energy efficient radio resource management for heterogeneous wireless network using CoMP	Chand P., Mahapatra R., Prakash R.	10220038	Wireless Networks	22	4	11	0	0	0	0	0	11
2016	Neuro-fuzzy controller design for lime kiln process	Sunori S.K., Verma D., Shree S., Juneja P.K.		2015 2nd International Conference on Recent Advances in Engineering and Computational Sciences, RAECS 2015			2	2	1	0	3	0	5
2016	A single perishable product from a single-producer and multiple-buyer's model for Weibull deterioration with time dependent demand and allowable shortage	Goel R., Singh A.P., Chauhan A.	17525055	International Journal of Computing Science and Mathematics	7	1	0	0	0	1	1	0	1
2016	Analysis of radiation loss factor for edge coupled coplanar waveguide discontinuities	Kumar M., Gowri R.	9734562	International Journal of Applied Engineering Research	11	6	0	0	0	0	0	0	0
2016	Automotive Water Cooling System Analysis Subject to Time Dependence and Failure Issues	Goyal N., Ram M., Kaushik A.	21561680	International Journal of Manufacturing, Materials, and Mechanical Engineering	6	2	3	0	0	0	0	0	3
2016	Terrain and Direction Classification of Locomotion Transitions Using Neuromuscular and Mechanical Input	Joshi D., Hahn M.E.	906964	Annals of Biomedical Engineering	44	4	27	4	4	0	8	0	35
2016	Fuzzy tuned proportional integral derivative control of paper machine headbox	Sharma D., Kumar R., Verma V.		12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015			1	0	0	0	0	0	1
2016	Design and implementation of mobile phones based attendance marking system	Anwar M.A., Gangodkar D.		International Conference Communication, Control and Intelligent Systems, CCIS 2015			0	3	0	0	3	0	3
2016	An emperical correlation for estimating the viscosity of non-Newtonian waxy crude oils	Sharma S., Mahto V., Sharma V.P., Saxena A.	10916466	Petroleum Science and Technology	34	6	2	0	2	0	2	0	4
2016	The control of two-wheeled inverted pendulum robot (TWIPR) using fuzzy logic	Kharola A.		2015 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2015			3	0	0	0	0	0	3

2016	Performance evaluation of mobile communication system with reliability measures	Ram M., Nagiya K.	0265671X	International Journal of Quality and Reliability Management	33	3	7	2	0	0	2	0	9
2016	Governance of the venture capital investment: Factors influencing selection of an it firm	Kumar S., Johri A.	2077429X	Risk Governance and Control: Financial Markets and Institutions	6	2	1	0	0	0	0	0	1
2016	A review on phytochemical, biological screening and importance of Wild Apricot (Prunus armeniaca L.)	Rai I., Bachheti R.K., Saini C.K., Joshi A., Satyan R.S.	15982386	Oriental Pharmacy and Experimental Medicine	16	1	11	11	9	0	20	0	31
2016	Gas chromatography-mass spectroscopy analysis of phytochemical constituents of methanolic extract of needles of pinus wallichiana	Joshi S., Rai N., Kumar N.	9742441	Asian Journal of Pharmaceutical and Clinical Research	9	2	3	1	0	0	1	0	4
2016	A minimal cost micropropagation protocol for Dianthus caryophyllus L.— A commercially significant venture	Pant M.	195189	Indian Journal of Experimental Biology	54	3	3	1	1	0	2	0	5
2016	Multi-incident angle approach to retrieve soil parameters for specular scattering	Prakash R., Singh D., Singh O.P.	17518784	IET Radar, Sonar and Navigation	10	3	0	0	0	0	0	0	0
2016	A comparative study of full and partial textured hybrid orifice compensated circular thrust pad bearing system	Sharma S.C., Yadav S.K.	0301679X	Tribology International	95		12	7	2	0	9	0	21
2016	A DTW and Fourier Descriptor based approach for Indian Sign Language recognition	Shukla P., Garg A., Sharma K., Mittal A.		Proceedings of 2015 3rd International Conference on Image Information Processing, ICIIP 2015			7	3	6	0	9	0	16
2016	Indian Sign Language gesture classification as single or double handed gestures	Singh A., Arora S., Shukla P., Mittal A.		Proceedings of 2015 3rd International Conference on Image Information Processing, ICIIP 2015			5	0	0	0	0	0	5
2016	A vision based human-elepahant collision detection system	Dua I., Shukla P., Mittal A.		Proceedings of 2015 3rd International Conference on Image Information Processing, ICIIP 2015			3	1	0	0	1	0	4
2016	Carbon-aware routing in software defined inter data center network	Singh D., Chandwani G.	21531684	International Symposium on Advanced Networks and Telecommunication Systems, ANTS	2016-		0	0	0	0	0	0	0
2016	Essential Oil Composition, Phenolic Constituents, Antioxidant and Pharmacological Activities of Thymus linearis Benth. Collected from Uttarakhand Region of India	Chandra M., Prakash O., Bachheti R.K., Kumar M., Pant A.K.	0972060X	Journal of Essential Oil-Bearing Plants	19	2	8	1	1	0	2	0	10
2016	Modal analysis of heavy vehicle truck transmission gearbox housing made from different materials	Kumar A., Patil P.P.	18234690	Journal of Engineering Science and Technology	11	2	5	2	4	0	6	0	11
2016	A smart booster approach in wireless ad hoc network	Ahmad A., Joshi R.C., Gowri R.	23198613	International Journal of Engineering and Technology	8	1	0	0	0	0	0	0	0
2016	Temporal Dietary Patterns Derived among the Adult Participants of the National Health and Nutrition Examination Survey 1999-2004 Are Associated with Diet Quality	Eicher-Miller H.A., Khanna N., Boushey C.J., Gelfand S.B., Delp E.J.	22122672	Journal of the Academy of Nutrition and Dietetics	116	2	27	5	3	0	8	0	35
2016	Effects of mobile phone tower radiations on skin and blood tissues of human body at frequencies 800, 900, 1800 and 2450 MHz	Bhat M.A., Kumar V.	9751459	Journal of Pharmaceutical Sciences and Research	8	2	0	0	2	0	2	0	2
2016	Scaling GMM Expectation Maximization algorithm using bulk synchronous Parallel approach	Ratnaparkhi A.A., Pilli E., Joshi R.C.		Proceedings of the 2015 International Conference on Green Computing and Internet of Things, ICGCIoT 2015			1	0	0	0	0	0	1
2016	Application of a multi-objective particle article swarm optimization technique to solve reliability optimization problem	Pant S., Kumar A., Kishor A., Anand D., Singh S.B.		Proceedings on 2015 1st International Conference on Next Generation Computing Technologies, NGCT 2015			20	2	1	0	3	0	23
2016	NRSSI: New proposed RSSI method for the distance measurement in WSNs	Singh A.P., Singh D.P., Kumar S.		Proceedings on 2015 1st International Conference on Next Generation Computing Technologies, NGCT 2015			4	1	2	0	3	0	7
2016	Performance analysis of organic transistor using different materials for source and drain electrodes	Lakhera P., Baliga A.K., Negi S., Mittal P., Kumar B., Sundriyal S.		Proceedings on 2015 1st International Conference on Next Generation Computing Technologies, NGCT 2015			2	0	1	0	1	0	3
2016	Implementation of AMBA APB bridge with efficient deployment of system resources	Rawat K., Sahni K., Pandey S., Rawat J., Tripathi S.		IEEE International Conference on Computer Communication and Control, IC4 2015			2	0	1	0	1	0	3
2016	Design and verification of 8b/10b encoder/decoder for USB 3.0 applications	Sahni K., Rawat K., Pandeyl S., Rawat J., Tripathi S.		IEEE International Conference on Computer Communication and Control, IC4 2015			3	0	0	0	0	0	3
2016	Modeling of rain attenuation using equiprobability of rain fade and rain fall	Vidyarthi A., Garg S., Jassal B.S., Gowri R.		IEEE International Conference on Computer Communication and Control, IC4 2015			2	0	0	0	0	0	2
2016	Modeling of rain attenuation using equiprobability of rain fade and rain fall	Vidyarthi A., Garg S., Jassal B.S., Gowri R.		2015 International Conference on Computing, Communication and Security, ICCCS 2015			0	0	0	0	0	0	0
2016	Multi-state system analysis under comprehensive repair facility	Ram M., Manglik M., Joshi N.		ICSCTET 2014 - International Conference on Soft Computing Techniques for Engineering and Technology			0	0	0	0	0	0	0
2016	Co-array-based Synthetic Aperture Active Imaging at Millimetre Wave Frequencies	Dixit R.P., Sharma K., Jain S.C.	3772063	IETE Journal of Research	62	1	1	0	0	0	0	0	1
2016	Ball and beam system control using PID-based ANFIS controllers	Kharola A., Patil P.	17568412	International Journal of Advanced Mechatronic Systems	7	1	0	0	0	0	0	0	0
2016	Fea simulation based thermo-mechanical analysis of tractor exhaust manifold	Ahmad F., Tomer V., Kumar A., Patil P.P.	21954356	Lecture Notes in Mechanical Engineering			1	1	1	0	2	0	3
2016	Cfx, static structural analysis of tractor exhaust system based on fea	Ahmad F., Kumar A., Kanwar K., Patil P.P.	21954356	Lecture Notes in Mechanical Engineering			0	1	1	0	2	0	2
2016	Production and optimization of siderophore producing pseudomonas species isolated from Tarai region of Uttarakhand	Sharma T., Kumar N., Rai N.	9756299	International Journal of Pharma and Bio Sciences	7	1	3	1	0	0	1	0	4
2016	EOQ model with linear time dependent demand and different holding cost functions	Tripathi R.P., Mishra S.M.	17575850	International Journal of Mathematics in Operational Research	9	4	5	3	0	0	3	0	8

2016	Selection of elites and in vitro propagation of selected high-value Himalayan medicinal herbs for sustainable utilization and conservation	Nandi S.K., Palni L.M.S., Pandey H., Chandra B., Nadeem M.		Plant Tissue Culture: Propagation, Conservation and Crop Improvement			7	0	1	0	1	0	8
2016	A review of Menace of Call Drops in India and possible ways to minimize it	Gaur P.	24557749	International Journal of Mathematical, Engineering and Management Sciences	1	3	2	0	1	0	1	0	3
2016	Design of PID controller using cuckoo search algorithm for buck-boost converter of LED driver circuit	Verma P., Patel N., Nair N.-K.C., Sikander A.		2016 IEEE 2nd Annual Southern Power Electronics Conference, SPEC 2016			7	3	1	1	5	0	12
2016	Identifying the event type and event location using sentiment analysis on tweets	Singh V., Pant B., Singh D.P.	9745572	International Journal of Control Theory and Applications	9	19	0	0	0	0	0	0	0
2016	Autonomous robot performance evaluation with rework	Goyal N., Dua A.K., Ram M.	1479389X	International Journal of Reliability and Safety	10	3	4	1	0	0	1	0	5
2016	On reliability analysis of a multi-state (k+1)-out-of-n: F system with partial failure	Goyal N., Amoli S., Suyal A., Ram M.	13598678	Nonlinear Studies	23	2	1	0	0	0	0	0	1
2016	Recent trends in human motion recognition : A survey	Pandey M., Tripathi V.	9745572	International Journal of Control Theory and Applications	9	21	1	0	0	0	0	0	1
2016	Modified dense trajectory for real time action recognition	Tripathi V., Bhatt P., Agarwal S., Semwal M.	9745572	International Journal of Control Theory and Applications	9	21	0	0	0	0	0	0	0
2016	Personalized log based recommender system for song playlist generation	Singh V., Pant B., Singh S.	13598678	Nonlinear Studies	23	4	1	0	0	0	0	0	1
2016	An EOQ model for deteriorating items with selling price dependent demand rate with learning effect	Goyal A.K., Chauhan A.	13598678	Nonlinear Studies	23	4	4	1	0	0	1	0	5
2016	Special issue on applied mathematical techniques in engineering applications and related topics-I	Ram M.	13598678	Nonlinear Studies	23	4	0	0	0	0	0	0	0
2016	A Comparative analysis of credit risk in investment banks : A case study of jp morgan, merrill lynch and bank of america	Rana R., Ghildiyal V.	9727302	International Journal of Applied Business and Economic Research	14	14	0	0	0	0	0	0	0
2016	Modeling and simulation of a quadcopter UAV	Ahmed F., Kumar P., Patil P.P.	13598678	Nonlinear Studies	23	4	8	2	0	1	3	0	11
2016	Economic production quantity model for defective items under deterioration	Shukla H.S., Tripathi R.P., Sang N.	22916822	Uncertain Supply Chain Management	4	3	5	1	0	0	1	0	6
2016	Health system using social network to detect the dengue infection in the specific region	Singh V., Pant B., Singh D.P.	9717587	Indian Journal of Community Health	28	3	0	0	0	0	0	0	0
2016	Stabilization of prey predator model via feedback control	Singh A.	21941009	Springer Proceedings in Mathematics and Statistics	186		1	0	1	0	1	0	2
2016	Automated teller machine network inspection under stochastic modelling	Ram M., Goyal N.	17919320	Journal of Engineering Science and Technology Review	9	5	1	2	1	0	3	0	4
2016	Analyzing state board's examination results using data mining techniques and R programming	Kaur M., Pandey A., Garg A.	9745572	International Journal of Control Theory and Applications	9	20	0	0	0	0	0	0	0
2016	Anticancer drugs as prospective efflux pump inhibitors for salmonella typhi produce conflicting results in in silico and in vitro studies	Gupta P., Gautam P., Rai N.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	8	12	0	0	0	0	0	0	0
2016	Corrosion study of electroless Ni-P-Al2O3- ZrO2 nanocomposite coatings in paper mill digester	Kumar R., Sharma S., Sharma A.	9746846	Indian Journal of Science and Technology	9	44	0	0	0	0	0	0	0
2016	Position regulation and anti-swing control of overhead gantry inverted pendulum (GIP) using different soft-computing techniques	Kharola A.	2074904X	International Journal of Intelligent Systems and Applications	8	2	0	0	0	0	0	0	0
2016	A review of tool wear prediction during friction stir welding of aluminium matrix composite	BIST A., SAINI J.S., SHARMA B.	10036326	Transactions of Nonferrous Metals Society of China (English Edition)	26	8	39	9	5	0	14	0	53
2016	Mathematical model of a constructal coanda effect nozzle	Trancossi M., Stewart J., Subhash M., Angeli D.	17353572	Journal of Applied Fluid Mechanics	9	6	8	4	2	0	6	0	14
2016	Flexible flowshop scheduling model with four stages	Tyagi N., Tripathi R.P., Chandramouli A.B.	9746846	Indian Journal of Science and Technology	9	42	1	0	1	0	1	0	2
2016	Predictive control system design for lime kiln process	Sunori S.K., Bisht V.S., Pant M., Juneja P.	18761100	Lecture Notes in Electrical Engineering	396		0	0	0	0	0	0	0
2016	Current signature analysis of single-phase ZSI-Fed induction motor drive system	Sharma V., Negi B.	18761100	Lecture Notes in Electrical Engineering	396		1	0	0	0	0	0	1
2016	Design of time-delay compensator for a FOPDT process model	Chaturvedi M., Chauhaan P., Juneja P.K.	18761100	Lecture Notes in Electrical Engineering	396		6	0	0	0	0	0	6
2016	Effect of variation in filter coefficients for different PID controller structures on performance of SOPDT process	Chaturvedi M., Juneja P.K.	18761100	Lecture Notes in Electrical Engineering	396		2	0	0	0	0	0	2
2016	Controller design for a TOPDT process model using integral error-based tuning techniques	Patel A., Juneja P.K., Chaturvedi M., Patel J.	18761100	Lecture Notes in Electrical Engineering	396		2	1	0	0	1	0	3
2016	Controller capability comparison for a delayed first-order process model	Juneja P.K., Chaturvedi M., Gupta M.	18761100	Lecture Notes in Electrical Engineering	396		0	0	0	0	0	0	0
2016	Effect of delay approximation using Pade technique on controller performance designed for a SOPDT model	Juneja P.K., Jain N., Chaturvedi M., Singh S.K.	18761100	Lecture Notes in Electrical Engineering	396		1	0	0	0	0	0	1
2016	Simulation studies for delay effect on stability of a canonical tank process	Chaturvedi M., Juneja P.K., Jadaun N., Sharma A.	18761100	Lecture Notes in Electrical Engineering	396		3	0	0	0	0	0	3
2016	Neuro-fuzzy controller design for MIMO boiler turbine process	Sunori S.K., Shree S., Maurya A.K., Juneja P.	18761100	Lecture Notes in Electrical Engineering	396		3	1	0	0	1	0	4
2016	GA based optimization of control system performance for juice clarifier of sugar mill	Sunori S.K., Juneja P.K., Chaturvedi M., Bisht S.	0970020X	Oriental Journal of Chemistry	32	4	1	3	0	0	3	0	4
2016	Determination of key funding criteria by Venture Capitalists for financing it firm in Indian economy	Kumar S., Johri A., Sharma A.	9727302	International Journal of Applied Business and Economic Research	14	7	1	0	0	0	0	0	1
2016	Prospects in the development of natural radioprotective therapeutics with anti-cancer properties from the plants of Uttarakhand region of India	Painuli S., Kumar N.	9759476	Journal of Ayurveda and Integrative Medicine	7	1	23	8	5	0	13	0	36
2016	Single machine scheduling model for total weighted tardiness	Tyagi N., Tripathi R.P., Chandramouli A.B.	9746846	Indian Journal of Science and Technology	9	31	2	0	0	0	0	0	2
2016	Generation and risk analysis of network attack graph	Prasad K., Kumar S., Negi A., Mahanti A.	21945357	Advances in Intelligent Systems and Computing	404		2	0	0	0	0	0	2
2016	System reliability measures in the presence of common cause failures	Kumar A., Ram M.	17485037	International Journal of Industrial and Systems Engineering	24	1	9	1	1	0	2	0	11
2016	Mathematical modeling for genesis of alzheimer disease through markov process	Anthwal P., Goyal N., Ram M., Thapliyal A.	9744304	International Journal of PharmTech Research	9	7	0	0	0	0	0	0	0
2016	EOQ models with optimal replenishment policy for perishable items taking account of time value of money	Vikas S., Anand C., Mukesh K.	9746846	Indian Journal of Science and Technology	9	25	3	0	0	0	0	0	3

2016	Effect of Rhizobacterial isolate ALKP 12 on the seed germination and growth pattern of Hordeum vulgare L. And its comparison with chemical fertilizer and other treatments	Sarkar P., Rawat D., Singh R.N., Thapliyal A.	9744290	International Journal of ChemTech Research	9	6	0	0	0	0	0	0	0
2016	A depth analysis for different structures of organic thin film transistors: Modeling of performance limiting issues	Mittal P., Negi Y.S., Singh R.K.	1679317	Microelectronic Engineering	150		29	5	3	1	9	0	38
2016	Optimal payment policy with price-dependent demand and three parameters dependent deterioration rate under the influence trade credit	Kumar M., Aarya D.D.	17457645	International Journal of Operational Research	26	2	2	3	1	0	4	0	6
2016	CSaaS-a multi-cloud framework for secure file storage technology using open ZFS	Jogdand R.M., Batlad S.B., Gangodkar D.	17400562	International Journal of High Performance Computing and Networking	9	3	7	2	0	0	2	0	9
2016	An integrated production inventory model for perishable products with trade credit period and investment in preservation technology	Tayal S., Singh S.R., Sharma R.	17575850	International Journal of Mathematics in Operational Research	8	2	24	7	8	0	15	0	39
2016	Mining frequent Itemset using quine–McCluskey algorithm	Bajpayee K., Kant S., Pant B., Chaudhary A., Sharma S.K.	21945357	Advances in Intelligent Systems and Computing	437		0	0	0	0	0	0	0
2016	Fault diagnosis of ZSI-FED 3-phase induction motor drive system using MATLAB	Sharma V., Garg P.	21945357	Advances in Intelligent Systems and Computing	437		0	0	0	0	0	0	0
2016	Multiple-input multiple-output paper machine system control using fuzzy-PID tuned controller	Kumar R., Moudgil M.	21945357	Advances in Intelligent Systems and Computing	437		2	0	2	0	2	0	4
2016	An efficient approach for mining sequential pattern	Pant N., Kant S., Pant B., Sharma S.K.	21945357	Advances in Intelligent Systems and Computing	437		1	0	0	0	0	0	1
2016	A better approach for multilevel association rule mining	Rawat P., Kant S., Pant B., Chaudhary A., Sharma S.K.	21945357	Advances in Intelligent Systems and Computing	437		0	1	0	0	1	0	1
2016	Performance comparison between InP-ON and SON MOSFET at different nanotechnology nodes using 2-D numerical device simulation	Sundriyal S., Ramola V., Lakhera P., Mittal P., Kumar B.	21945357	Advances in Intelligent Systems and Computing	437		1	0	0	0	0	0	1
2016	A comparative study of the chemical composition of the essential oil from Eucalyptus globulus growing in Dehradun (India) and around the world	Joshi A., Sharma A., Bachheti R.K., Pandey D.P.	0970020X	Oriental Journal of Chemistry	32	1	10	6	4	0	10	0	20
2016	In silico investigation of phytoconstituents from various plants against neuroinflammatory markers as potent therapeutic targets	Badoni H., Singh S., Sharma P., Waheed S.M.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	8	3	0	0	0	0	0	0	0
2016	Phytochemical analysis and antimicrobial activity of Senna didymobotrya seed extracts	Hailu T., Bachheti R.K., Dekebo A.	0975413X	Der Pharma Chemica	8	1	3	0	0	0	0	0	3
2016	Real-time moving object detection algorithm on high-resolution videos using GPUs	Kumar P., Singhal A., Mehta S., Mittal A.	18618200	Journal of Real-Time Image Processing	11	1	77	10	3	0	13	0	90
2016	Language identification and disambiguation in Indian mixed-script	Gupta B., Bhatt G., Mittal A.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9581		2	1	0	1	2	0	4
2016	FEA simulation based performance study of multi speed transmission gearbox	Kumar A., Patil P.P.	21561680	International Journal of Manufacturing, Materials, and Mechanical Engineering	6	1	3	2	3	1	6	0	9
2016	In silico modeling and docking of cch1 protein of candida glabrata with FDA-approved drugs: A drug repurposing approach	Ahmad H., Gupta P., Tufchi N., Pant K., Kumar N.	9742441	Asian Journal of Pharmaceutical and Clinical Research	9	1	2	1	0	0	1	0	3
2016	Gas chromatography and mass spectrometry analysis of methanolic extract of leaves of rhododendron arboreum	Painuli S., Rai N., Kumar N.	9742441	Asian Journal of Pharmaceutical and Clinical Research	9	1	13	1	3	1	5	0	18
2015	Implementation of an ALU using modified carry select adder for low power and area-efficient applications	Nautiyal P., Madduri P., Negi S.		2015 International Conference on Computer and Computational Sciences, ICCCS 2015			6	0	0	0	0	0	6
2015	Construction of a semi-automated model for FAQ retrieval via short message service	Agarwal A., Gupta B., Bhatt G., Mittal A.		ACM International Conference Proceeding Series	04-06-		10	0	0	0	0	0	10
2015	Modified PID controller design formulae for FOPDT system	Juneja P.K., Ray A.K., Rawat N., Singh S.K.	9734562	International Journal of Applied Engineering Research	10	24	1	0	0	0	0	0	1
2015	Performance of marine power plant given generator, main and distribution switchboard failures	Kumar A., Ram M.	16719433	Journal of Marine Science and Application	14	4	5	0	2	0	2	0	7
2015	Trusted and secure clustering in mobile pervasive environment	Gaur M.S., Pant B.	21921962	Human-centric Computing and Information Sciences	5	1	30	2	5	0	7	0	37
2015	Know-How: a design pattern for generic log adapter	Math M.M., Rodd S.F., Kenchannavar H., Kulkarni S.B., Kulkarni U.P., Yardi A.R.	18686478	Evolving Systems	6	4	0	0	0	0	0	0	0
2015	Do corporate governance practices differ across different market capitalization of the firms: Some empirical findings from India?	Khanna U., Madan P.	17279232	Corporate Ownership and Control	12	2	0	0	0	0	0	0	0
2015	Soft Computing Approach for Model Order Reduction of Linear Time Invariant Systems	Sikander A., Prasad R.	0278081X	Circuits, Systems, and Signal Processing	34	11	44	6	10	2	18	0	62
2015	Stability analysis of laminated soft core sandwich plates using higher order zig-zag plate theory	Chalak H.D., Chakrabarti A., Sheikh A.H., Iqbal M.A.	15376494	Mechanics of Advanced Materials and Structures	22	11	8	1	3	0	4	0	12
2015	GC-MS analysis of the phytoconstituents in the methanolic extract of leaves of elaeocarpus sphaericus roxb	Joshi S., Kumar N.	0976044X	International Journal of Pharmaceutical Sciences Review and Research	35	1	1	0	0	0	0	0	1
2015	Study of Bayes Theorem for Classification of Synthetic Aperture Data	Tripathi S., Prakash R., Melkani N., Kumar S.		Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			2	3	2	0	5	0	7
2015	Characterization and Performance Evaluation of a Typical Troposcatter Channel	Bhardwaj S.C., Madhwal E., Jassal B.S.		Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			2	0	0	0	0	0	2
2015	Long-Term Variability in Rain Attenuation Statistics over Indian Region	Garg S., Vidyarthi A., Jassal B.S., Gowri R.		Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			2	0	0	0	0	0	2

2015	PV Based Green Computing System for ICT Sustainable Development	Sharma C., Jain A.		Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			3	0	0	0	0	0	3
2015	Fault Diagnosis of Single Phase Z-Source Inverter	Sharma V., Rawat N., Garg P.		Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			9	0	0	0	0	0	9
2015	Performance Analysis of Microstrip Antennas Using Different Shapes of Patch at 2.4 GHz	Fotedar R., Garia P., Saini R., Vidyarthi A., Gowri R.		Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			7	1	0	0	1	0	8
2015	Model predictive control system design for boiler turbine process	Sunori S.K., Juneja P.K., Jain A.B.	20888708	International Journal of Electrical and Computer Engineering	5	5	8	2	0	0	2	0	10
2015	Reliability measures measurement under rule-based fuzzy logic technique	Ram M., Chandna R.	17281431	International Journal of Engineering, Transactions A: Basics	28	10	5	0	0	0	0	0	5
2015	Cascading of two rectangular waveguides by using HFSS, cascade and MATLAB software	Pokhariya H.S., Bisht S., Rathi V.	9734562	International Journal of Applied Engineering Research	10	17	0	0	0	0	0	0	0
2015	An analytical approach for parameter extraction in linear and saturation regions of top and bottom contact organic transistors	Mittal P., Negi Y.S., Singh R.K.	15698025	Journal of Computational Electronics	14	3	23	1	3	0	4	0	27
2015	Analysis and characterization of edge coupled coplanar waveguide discontinuities for filter applications	Kumar M., Gowri R.		ACM International Conference Proceeding Series	25-27-		3	0	0	0	0	0	3
2015	Experimental investigation on ingestion of sediment into trench weirs	Kumar S., Ahmad Z.	9715010	ISH Journal of Hydraulic Engineering	21	3	1	0	1	0	1	0	2
2015	Utilization of wind energy from railways using vertical axis wind turbine	Srivastava A., Singh A., Joshi G., Gupta A.		International Conference on Energy Economics and Environment - 1st IEEE Uttar Pradesh Section Conference, UPCON-ICEEE 2015			4	3	1	0	4	0	8
2015	Signal processing and AI based diagnosis of power quality disturbances: A review	Thakur P., Singh A.K.		International Conference on Energy Economics and Environment - 1st IEEE Uttar Pradesh Section Conference, UPCON-ICEEE 2015			5	1	1	1	3	0	8
2015	Performance comparison of PID and fuzzy controllers in distributed MPPT	Sharma C., Jain A.	20888694	International Journal of Power Electronics and Drive Systems	6	3	13	3	1	0	4	0	17
2015	94 GHz radiometer for benchmarking its operational parameters for the remote detecton of concealed threat	Kumar A., Jassal B.S.	0011748X	Defence Science Journal	65	5	1	0	0	0	0	0	1
2015	2-D imaging of concealed objects using circular co-arrays at MM wave frequencies: Simulation and experimental results	Dixit R.P., Sharma K., Jain S.C.	0011748X	Defence Science Journal	65	5	0	0	0	0	0	0	0
2015	Terminal fans and the Ganga plain tectonism: A study of neotectonism and segmentation episodes of the Indo-Gangetic foreland basin, India	Pati P., Pradhan R.M., Dash C., Parkash B., Awasthi A.K.	128252	Earth-Science Reviews	148		13	9	4	2	15	0	28
2015	Design & development of a simulation system for ballistic missile	Singh A., Kumar R., Tripathi R.P., Gaba S.P., Singh J.P.		Proceedings of 2015 IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2015			1	0	0	0	0	0	1
2015	Average Channel Capacity of Correlated Dual-Branch Maximal Ratio Combining Under Worst Case of Fading Scenario	Hasan M.I., Kumar S.	9296212	Wireless Personal Communications	83	4	7	0	0	0	0	0	7
2015	Implementation of high speed radix-10 parallel multiplier using Verilog	Negi S., Madduri P.		19th International Symposium on VLSI Design and Test, VDAT 2015 - Proceedings			0	0	0	0	0	0	0
2015	Implementation of high speed radix-10 parallel multiplier using Verilog	Negi S., Madduri P.		19th International Symposium on VLSI Design and Test, VDAT 2015 - Proceedings			1	0	0	0	0	0	1
2015	Narrowing awareness gap by using e-learning tools for counselling university entrants	Goyal P., Kukreja T., Agarwal A., Khanna N.		Conference Proceeding - 2015 International Conference on Advances in Computer Engineering and Applications, ICACEA 2015			3	1	0	0	1	0	4
2015	Efficiently improving the security of OTP	Kumar D., Agrawal A., Goyal P.		Conference Proceeding - 2015 International Conference on Advances in Computer Engineering and Applications, ICACEA 2015			2	1	2	0	3	0	5
2015	Adaptive self-tuning techniques for performance tuning of database systems: a fuzzy-based approach with tuning moderation	Rodd S.F., Kulkarni U.P.	14327643	Soft Computing	19	7	9	0	0	0	0	0	9
2015	Multivariable robust control of an approach flow system	Moudgil M., Kumar R., Gaba S.		2015 International Conference on Industrial Instrumentation and Control, ICIC 2015			0	0	0	0	0	0	0
2015	High performance microstrip antenna arrays for mobile adhoc network	Garg S., Gowri R.		International Conference on Computing, Communication and Automation, ICCCA 2015			1	0	0	0	0	0	1
2015	Performance analysis of dual gate organic thin film transistor and organic SR latch application	Negi S., Rana A., Baliga A.K., Mittal P., Kumar B.		International Conference on Computing, Communication and Automation, ICCCA 2015			11	0	4	1	5	0	16
2015	Performance analysis of vertical channel organic thin film transistors through 2-D device simulation	Rawat S., Ramola V., Baliga A.K., Mittal P., Kumar B.		International Conference on Computing, Communication and Automation, ICCCA 2015			5	0	1	0	1	0	6
2015	Rain fade mitigation using linear prediction technique in wireless communication	Vidyarthi A., Garg S., Jassal B.S., Gowri R.		International Conference on Computing, Communication and Automation, ICCCA 2015			3	0	1	0	1	0	4
2015	Performance comparison of pass transistor and CMOS logic configuration based de-multiplexers	Rathod A.P.S., Lakhera P., Baliga A.K., Mittal P., Kumar B.		International Conference on Computing, Communication and Automation, ICCCA 2015			9	5	3	0	8	0	17

2015	Design and analysis of ALU: Vedic mathematics approach	Rawat G., Rathore K., Goyal S., Kala S., Mittal P.		International Conference on Computing, Communication and Automation, ICCCA 2015			9	4	1	0	5	0	14
2015	Parallel implementation of local derivative pattern algorithm for fast image retrieval	Chandran S.N., Gangodkar D., Mittal A.		International Conference on Computing, Communication and Automation, ICCCA 2015			2	0	1	0	1	0	3
2015	Chemical composition and antimicrobial activity of Hyptis suaveolens Poit. seed oil from Uttarakhand State, India	Bachheti R.K., Rai I., Joshi A., Satyan R.S.	15982386	Oriental Pharmacy and Experimental Medicine	15	2	4	2	2	0	4	0	8
2015	Biochemical characterization and pharmacognostic evaluation of purified catechins in green tea (Camellia sinensis) cultivars of India	Anand J., Upadhyaya B., Rawat P., Rai N.	2190572X	3 Biotech	5	3	31	6	8	0	14	0	45
2015	Change in temperature of skin, blood, muscle and bone tissues due to mobile phone radiations at frequencies 800, 900, 1800 and 2450 MHz	Bhat M.A., Kumar V.	19417020	American Journal of Engineering and Applied Sciences	8	3	0	0	0	0	0	0	0
2015	Study of growth of dot and column in porous silicon samples of various thicknesses prepared at a constant current density	Gill F.S., Panwar V., Gupta H., Kalra G.S., Chawla S., Kumar R., Mehra R.M.	13869477	Physica E: Low-Dimensional Systems and Nanostructures	73		1	0	0	0	0	0	1
2015	Effect of mass variation on the radial oscillations of differentially rotating and tidally distorted polytropic stars	Saini S., Kumar S., Lal A.K.	5717256	Astrophysics	58	2	5	2	0	0	2	0	7
2015	Group control and identification of residential appliances using a nonintrusive method	Semwal S., Singh M., Prasad R.S.	13000632	Turkish Journal of Electrical Engineering and Computer Sciences	23	6	6	1	1	0	2	0	8
2015	Effect of ER4043 and ER5356 filler wire on mechanical properties and microstructure of dissimilar aluminium alloys, 5083-O and 6061-T6 joint, welded by the metal inert gas welding	Verma R.P., Pandey K.N., Sharma Y.	9544054	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	229	6	14	7	4	3	14	0	28
2015	Three-dimensional nonlinear seismic analysis of pile groups using FE-CIFECM coupling in a hybrid domain and HISS plasticity model	Maheshwari B.K., Emani P.K.	15323641	International Journal of Geomechanics	15	3	9	5	2	0	7	0	16
2015	Artificial proprioceptive feedback for myoelectric control	Pistohl T., Joshi D., Ganesh G., Jackson A., Nazarpour K.	15344320	IEEE Transactions on Neural Systems and Rehabilitation Engineering	23	3	44	1	2	0	3	0	47
2015	Illusory sense of human touch from a warm and soft artificial hand	Cabibihan J.-J., Joshi D., Srinivasa Y.M., Chan M.A., Muruganantham A.	15344320	IEEE Transactions on Neural Systems and Rehabilitation Engineering	23	3	33	3	1	0	4	0	37
2015	Texture analysis and classification of polarimetric SAR images using histogram measures	Kumar S., Melkani N., Awasthi N., Prakash R.		2nd International Conference on Signal Processing and Integrated Networks, SPIN 2015			6	0	0	0	0	0	6
2015	Hand gesture recognition using discrete wavelet transform and support vector machine	Agarwal R., Raman B., Mittal A.		2nd International Conference on Signal Processing and Integrated Networks, SPIN 2015			4	1	3	1	5	0	9
2015	Design of a passive integrated antenna at 5.2 GHz	Irshad H., Gowri R.		2nd International Conference on Signal Processing and Integrated Networks, SPIN 2015			0	0	0	0	0	0	0
2015	Performability analysis of a system under 1-out-of-2:G scheme with perfect reworking	Ram M., Kumar A.	16785878	Journal of the Brazilian Society of Mechanical Sciences and Engineering	37	3	17	3	3	0	6	0	23
2015	Paper mill plant performance evaluation with power supply in standby mode	Ram M., Kumar A.	0265671X	International Journal of Quality and Reliability Management	32	4	6	1	1	0	2	0	8
2015	Circularly polarized antenna array for L-band applications	Garg S., Gowri R.		Proceedings - 2015 IEEE International Conference on Computational Intelligence and Communication Technology, CICT 2015			0	0	0	0	0	0	0
2015	Bioadsorbents for remediation of heavy metals: Current status and their future prospects	Gupta V.K., Nayak A., Agarwal S.	12261025	Environmental Engineering Research	20	1	590	61	42	5	108	0	698
2015	Mapping of performance limiting issues to analyze top and bottom contact organic thin film transistors	Mittal P., Negi Y.S., Singh R.K.	15698025	Journal of Computational Electronics	14	1	12	1	0	1	2	0	14
2015	A critical analysis on the efficiency of activated carbons from low-cost precursors for heavy metals remediation	Gupta V.K., Nayak A., Bhushan B., Agarwal S.	10643389	Critical Reviews in Environmental Science and Technology	45	6	72	11	8	0	19	0	91
2015	Vibrational Stability of Differentially Rotating Polytropic Stars	Kumar S., Lal A.K., Saini S.	5717256	Astrophysics	58	1	5	2	0	0	2	0	7
2015	Enabling public verifiability and availability for secure data storage in cloud computing	Jogdand R.M., Goudar R.H., Sayed G.B., Dhamanekar P.B.	18686478	Evolving Systems	6	1	13	1	0	0	1	0	14
2015	Erratum to: Performance of a Structure Consisting a 2-Out-of-3:F Substructure Under Human Failure[Arabian Journal for Science and Engineering, 2014, 39, 8383-8394, DOI 10.1007/s13369-014-1347-5]	Ram M., Kumar A.	2193567X	Arabian Journal for Science and Engineering	40	3	0	0	0	0	0	0	0
2015	The menace of plagiarism: How to detect and curb it	Pandey A., Kaur M., Goyal P.		2015 4th International Symposium on Emerging Trends and Technologies in Libraries and Information Services, ETTLIS 2015 - Proceedings			4	0	0	0	0	0	4
2015	Energy efficient performance analysis of downlink CoMP in heterogeneous wireless network	Chand P., Mahapatra R., Prakash R.		9th International Conference on Industrial and Information Systems, ICIIS 2014			5	0	0	0	0	0	5
2015	Energy consumption analysis of heterogeneous wireless network using coordinated multipoint transmission technique	Chand P., Mahapatra R., Prakash R.		11th IEEE India Conference: Emerging Trends and Innovation in Technology, INDICON 2014			2	0	0	0	0	0	2
2015	SPARQL-based personalised E-Learning system designed using ontology (SPELSO): An architecture	Rathore R., Goudar R.H.	17411009	International Journal of Knowledge and Learning	10	4	0	0	0	0	0	0	0
2015	Economic order quantity model for deteriorating items with time-dependent demand rate under time varying shortages	Tripathi R.P., Uniyal A.K.	17575850	International Journal of Mathematics in Operational Research	7	6	9	2	0	1	3	0	12
2015	Multi-Oriented Text Extraction in Stylistic Documents	Mohan Singh B., Sharma R., Ghosh D., Mittal A.	2194678	International Journal of Image and Graphics	15	1	0	0	0	0	0	0	0
2015	Proximate chemical analysis of Ipomoea carnea and its sodium hydroxide pretreatment to obtain fermentable sugars	Sharma A., Bachheti R.K., Sharma R.G.	9756299	International Journal of Pharma and Bio Sciences	6	3	2	0	0	0	0	0	2

2015	Inventory model for deteriorating items with quadratic time-dependent demand rate and composed shortages	Shukla H.S., Tripathi R.P., Yadav S.K., Shukla V.	19306792	Journal of Applied Probability and Statistics	10	2	3	0	0	0	0	0	3
2015	Inventory model with weibull time-dependent demand rate and completely backlogged permissible delay in payments	Tripathi R.P., Pandey H.S.	22916822	Uncertain Supply Chain Management	3	4	5	1	0	0	1	0	6
2015	Antioxidant and antibacterial properties of leaves of Elaeocarpus sphaericus Roxb. and Pinus wallichiana from Uttarakhand region of India	Sharma A., Joshi S., Kumar N.	9738258	International Journal of Green Pharmacy	9	4	5	1	2	0	3	0	8
2015	An EOQ inventory model with stock and selling price dependent demand rate, partial backlogging and variable ordering cost	Goyal A.K., Chauhan A., Singh S.R.	9731903	International Journal of Agricultural and Statistical Sciences	11	2	8	1	1	0	2	0	10
2015	An imperfect production model with preservation technology, fuzzy and variable holding cost under two storage capacity	Sharma V., Kumar M., Chauhan A.	9731903	International Journal of Agricultural and Statistical Sciences	11	1	1	2	0	1	3	0	4
2015	A novel order reduction method using cuckoo search algorithm	Sikander A., Rajendra Prasad B.	3772063	IETE Journal of Research	61	2	30	8	5	1	14	0	44
2015	Modeling of buck converter models in MPPT using PID and FLC	Sharma C., Jain A.	16936930	Telkomnika (Telecommunication Computing Electronics and Control)	13	4	6	1	1	0	2	0	8
2015	A Secure Hybrid Cloud Enabled architecture for Internet of Things	Sharma A., Goyal T., Pilli E.S., Mazumdar A.P., Govil M.C., Joshi R.C.		IEEE World Forum on Internet of Things, WF-IoT 2015 - Proceedings			7	0	2	0	2	0	9
2015	Application of DWT and PDD for bearing fault diagnosis using vibration signal	Raj Kumar Patel A., Rakesh Thapliyal B., Giri C.V.K.	15824594	Journal of Electrical Engineering	15	4	3	1	0	0	1	0	4
2015	Controller design for MIMO boiler turbine process	Sunori S.K., Juneja P.K.	9745572	International Journal of Control Theory and Applications	8	2	7	0	1	0	1	0	8
2015	Multivariable controller design for lime kiln process	Sunori S.K., Juneja P.K.	9745572	International Journal of Control Theory and Applications	8	2	4	0	1	0	1	0	5
2015	An inventory model for deteriorating items with seasonal products and an option of an alternative market	Tayal S., Singh S.R., Sharma R.	22916822	Uncertain Supply Chain Management	3	1	24	5	1	0	6	0	30
2015	Spectral efficiency evaluation for selection combining diversity schemes under worst case of fading scenario	Hasan M.I., Kumar S.	20760930	International Journal of Communication Networks and Information Security	7	3	6	0	3	0	3	0	9
2015	optimal ordering policy with stock-dependent demand rate under retailer's two stages trade credit financing using Discounted Cash Flow (DCF) approach	Tripathi R.P., Singh H., Sang N.	15493644	Journal of Mathematics and Statistics	11	3	2	1	0	0	1	0	3
2015	GC-MS analysis of methanolic extract of leaves of Rhododendron campanulatum	Painuli S., Rai N., Kumar N.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	7	12	4	1	1	0	2	0	6
2015	Futures and forward contract as a route of hedging the risk	Islam M., Chakraborti J.	2077429X	Risk Governance and Control: Financial Markets and Institutions	5	4	2	0	0	0	0	0	2
2015	Finite Element Analysis of Traction Gear Using ANSYS	Silori P., Shaikh A., Nithin Kumar K.C., Tandon T.	22147853	Materials Today: Proceedings	2	4-5	13	4	0	0	4	0	17
2015	Stress Analysis of Costal RADAR Antenna Mounting Base Using ANSYS	Tandon T., Nithin Kumar K.C., Shaikh A., Silori P.	22147853	Materials Today: Proceedings	2	4-5	0	1	0	0	1	0	1
2015	An Investigation on the Tribological behavior of Ultrasonically Processed Carbon Black Inoculated AZ31 Magnesium Alloys	Bhingole P.P., Tomer V., Sharma U.N.	22147853	Materials Today: Proceedings	2	4-5	0	0	0	0	0	0	0
2015	Structural Optimization of Composite Stiffened Panel of a Transport Aircraft Wing using CAE Tools	Kumar K.C.N., Gupta G., Lakhera S., Shaikh A.	22147853	Materials Today: Proceedings	2	4-5	6	0	1	0	1	0	7
2015	Biomechanical Stress Analysis of a Human Femur Bone Using ANSYS	Kumar K.C.N., Tandon T., Silori P., Shaikh A.	22147853	Materials Today: Proceedings	2	4-5	34	7	7	1	15	0	49
2015	CFD Based Analysis of Combined Effect of Cavitation and Silt Erosion on Kaplan Turbine	Kumar D., Bhingole P.P.	22147853	Materials Today: Proceedings	2	4-5	15	2	5	0	7	0	22
2015	Impedance modeling for classification of flavored green teas	Singh M., Semwal S., Kumar A., Singh S.	13000632	Turkish Journal of Electrical Engineering and Computer Sciences	23		0	2	0	0	2	0	2
2015	Average channel capacity evaluation for selection combining diversity schemes over Nakagami-0.5 fading channels	Hasan M.I., Kumar S.	20760930	International Journal of Communication Networks and Information Security	7	2	7	0	1	0	1	0	8
2015	Two stage flow shop scheduling model with transportation time and job block	Tyagi N., Chandramouli A.B.	9731768	Global Journal of Pure and Applied Mathematics	11	5	0	0	0	0	0	0	0
2015	An optimal policy for Weibull deteriorating items with power demand pattern and permissible delay on payments	Aarya D., Sharma V.	9731768	Global Journal of Pure and Applied Mathematics	11	5	1	0	0	0	0	0	1
2015	A new heuristic algorithm for minimization of total cost including customer's waiting cost and machine setup cost for sequence dependent jobs on a single processor using GA	Tyagi N., Abedi M., Chandramouli A.B., Zarook Y.	9731768	Global Journal of Pure and Applied Mathematics	11	4	0	0	0	0	0	0	0
2015	Sequence-based comparative study of classical swine fever virus genogroup 2.2 isolate with pestivirus reference strains	Kumar R., Rajak K.K., Chandra T., Muthuchelvan D., Saxena A., Chaudhary D., Kumar A., Pandey A.B.	9728988	Veterinary World	8	9	3	0	1	0	1	0	4
2015	A deteriorating inventory model with inflation and trade-credit period under power pattern demand rate	Kumar M., Aarya D.D., Kumar R.	9731768	Global Journal of Pure and Applied Mathematics	11	4	0	0	0	0	0	0	0
2015	Alterations in physico-chemical parameters of water and aquatic diversity at Maneri-Bhali phase I dam site on river ganges in district Uttarkashi, Uttarakhand	Thapliyal M., Tiwari P., Thapliyal A.		Management of Natural Resources in a Changing Environment			0	0	0	0	0	0	0
2015	Control of double inverted pendulum (DIP) using fuzzy hybrid adaptive neuro controller	Kharola A., Patil P.		2014 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2014			1	0	0	0	0	0	1
2015	Reliability measures analysis of a computer system incorporating two types of repair under copula approach	Goyal N., Ram M., Mittal A.		Numerical Methods for Reliability and Safety Assessment: Multiscale and Multiphysics Systems			3	1	0	0	1	0	4
2015	Genesis of Alzheimer's - Brain or blood: Are we looking at the right drug targets?	Anthwal P., Thapliyal M., Palni L.M.S., Thapliyal A.	0976044X	International Journal of Pharmaceutical Sciences Review and Research	34	1	1	0	0	0	0	0	1
2015	Polyhydroxybutyrate (PHB): Biodegradable, bioplastics produced by microorganisms	Singh R.V.	9752366	International Journal of Pharmaceutical Research	7	2	1	0	1	0	1	0	2

2015	A study of the family of affine projection algorithms	Yadav S.C., Juneja P., Varshney R.G.	9734562	International Journal of Applied Engineering Research	10	17	0	0	0	0	0	0	0
2015	An electrical equivalent circuit of slotted metamaterial antenna for mobile handsets	Kumari N., Kuchhal P., Manohar B.R., Gowri R.	9734562	International Journal of Applied Engineering Research	10	15	0	0	1	0	1	0	1
2015	Performance analysis of robust controllers for inertially stabilized platform	Kumar R., Kumar S.	9734562	International Journal of Applied Engineering Research	10	14	1	0	0	0	0	0	1
2015	An efficient cryptographic scheme for text message protection against brute force and cryptanalytic attacks	Joshi A., Wazid M., Goudar R.H.	18770509	Procedia Computer Science	48	C	16	2	1	0	3	0	19
2015	Hadoop, mapreduce and HDFS: A developers perspective	Ghazi M.R., Gangodkar D.	18770509	Procedia Computer Science	48	C	82	8	15	1	24	0	106
2015	Hybrid Encryption Scheme (HES): An approach for transmitting secure data over internet	Singh R., Panchbhaiya I., Pandey A., Goudar R.H.	18770509	Procedia Computer Science	48	C	10	0	0	0	0	0	10
2015	A simple cost effective method for mass propagation of Chrysanthemum morifolium and antibacterial activity assessment of in vitro raised plantlets	Pant M., Lal A., Jain R.	22313354	Journal of Applied Pharmaceutical Science	5	7	2	2	0	0	2	0	4
2015	Supply chain model with ramp type demand under planning horizon	Aarya D.D., Kumar M.	9746846	Indian Journal of Science and Technology	8	15	5	0	0	0	0	0	5
2015	Inventory model with stock dependent demand and different holding cost functions	Tripathi R.P., Singh D.	17485037	International Journal of Industrial and Systems Engineering	21	1	7	1	0	0	1	0	8
2015	Azadirachtin, cardiofolioside, and kutkin can be vital phytochemicals for the modulation of secretase enzymes for the treatment of alzheimer's: An in-silico analysis	Anthwal P., Semwal P., Kapoor T., Thapliyal M., Thapliyal A.	9742441	Asian Journal of Pharmaceutical and Clinical Research	8	4	1	0	0	0	0	0	1
2015	EOQ model for decaying items with power demand, partial backlogging and inflation	Rajoria Y.K., Saini S., Singh S.R.	9734562	International Journal of Applied Engineering Research	10	9	2	3	1	1	5	0	7
2015	Economic order quantity with linearly time dependent demand rate and shortages	Tripathi R.P., Singh D., Mishra T.	15493644	Journal of Mathematics and Statistics	11	1	4	0	0	0	0	0	4
2015	Optimal order policy for deteriorating items with time-dependent demand in response to temporary price discount linked to order quantity	Tripathi R.P., Tomar S.S.	13128876	International Journal of Mathematical Analysis	9	21-24	14	2	2	0	4	0	18
2015	Modeling & simulation for transformation matrix, rotation matrix & remaining energy	Singh A., Kumar R., Tripathi R.P., Gaba S.P., Singh J.P.	9734562	International Journal of Applied Engineering Research	10	10	0	0	0	0	0	0	0
2015	Physico-chemical properties of Perilla frutescens seeds	Joshi A., Sharma A., Pandey D.P., Bachheti R.K.	0975413X	Der Pharma Chemica	7	5	7	1	1	0	2	0	9
2015	In silico prediction and validation of microRNAs from Japanese encephalitis virus (JEV)	Tufchi N., Pant K., Pant B., Waheed S.M.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	7	6	0	0	0	0	0	0	0
2015	A particle swarm algorithm for optimization of complex system reliability	Pant S., Anand D., Kishor A., Singh S.B.	9731318	International Journal of Performability Engineering	11	1	22	3	1	0	4	0	26
2015	Effect of hypoxia on in vitro adhesion, biofilm formation and antifungal susceptibility of Candida albicans	Gupta P., Meena R.C., Rai N., Kumar N.	0976044X	International Journal of Pharmaceutical Sciences Review and Research	32	1	2	0	0	0	0	0	2
2015	An EPQ model for deteriorating items with price sensitive demand and shortages	Sharma S., Singh S.R., Ram M.	17457645	International Journal of Operational Research	23	2	16	1	0	0	1	0	17
2015	An EPQ model for non-instantaneous deteriorating item with time dependent holding cost and exponential demand rate	Tayal S., Singh S.R., Sharma R., Singh A.P.	17457645	International Journal of Operational Research	23	2	30	6	6	0	12	0	42
2015	SONIC: Stability of nodes in cooperative caching for wireless network	Kumar V., Chaturvedi N., Kumar P.	21945357	Advances in Intelligent Systems and Computing	332		0	0	0	0	0	0	0
2015	Supply chain model with stock dependent demand, quadratic rate of deterioration with allowable shortage	Goel R., Singh A.P., Sharma R.	17575850	International Journal of Mathematics in Operational Research	7	2	13	1	0	0	1	0	14
2015	Analysis of hybrid temperature control for nonlinear continuous stirred tank reactor	Verma O.P., Kumar S., Manik G.	21945357	Advances in Intelligent Systems and Computing	336		12	3	3	0	6	0	18
2015	Sensitivity analysis for casting process under stochastic modelling	Kumar A., Varshney A.K., Ram M.	19232926	International Journal of Industrial Engineering Computations	6	3	12	6	1	0	7	0	19
2015	Robust abnormal event recognition via motion and shape analysis at ATM installations	Tripathi V., Gangodkar D., Latta V., Mittal A.	20900147	Journal of Electrical and Computer Engineering	2015		13	0	5	0	5	0	18
2015	Pressure corrections in the potential flow analysis of electrohydrodynamics Kelvin-Helmholtz instability of cylindrical interface through porous media	Dhiman N., Awasthi M.K., Chauhan S.	21471762	Gazi University Journal of Science	28	1	0	0	0	0	0	0	0
2015	A note on the inventory models for deteriorating items with Verhulst's model type demand rate	Chauhan A., Singh A.P.	17457645	International Journal of Operational Research	22	2	7	2	2	0	4	0	11
2015	The who's who of plant viruses: A cognitive approach	Lal A., Pant M., Rani A.	9742441	Asian Journal of Pharmaceutical and Clinical Research	8	1	2	0	1	0	1	0	3
2015	Comparative study of antibacterial and anti-proliferative potential of green tea from different geographical locations in India	Anand J., Gautam P., Rai N.	9742441	Asian Journal of Pharmaceutical and Clinical Research	8	1	4	0	0	0	0	0	4
2015	Anticancer drugs as potential inhibitors of acrAB-TolC of multidrug resistant Escherichia coli: An in silico molecular modeling and docking study	Gupta P., Rai N., Gautam P.	9742441	Asian Journal of Pharmaceutical and Clinical Research	8	1	2	0	1	0	1	0	3
2015	Specific absorption rate due to variation in frequency on human body tissues near radio broadcasting antenna	Kumar A., Kumar V., Pathak P.P.	9742441	Asian Journal of Pharmaceutical and Clinical Research	8	1	3	1	0	0	1	0	4
2015	Study of reliability measures of a local area network via copula linguistics approach	Rawal D.K., Ram M., Singh V.V.	0265671X	International Journal of Quality and Reliability Management	32	1	5	5	1	0	6	0	11
2015	Multiple hypotheses image segmentation and classification with application to dietary assessment	Zhu F., Bosch M., Khanna N., Boushey C.J., Delp E.J.	21682194	IEEE Journal of Biomedical and Health Informatics	19	1	103	11	9	1	21	0	124
2015	Isolation of plant hormone (indole-3-acetic acid) producing rhizobacteria and study on their effects on tomato (Lycopersicum esculentum) seedling	Sharma T., Rai N.	9744304	International Journal of PharmTech Research	7	1	6	0	0	0	0	0	6
2015	Docking studies of grayanotoxin as potential inhibitor for major virulent proteins of encephalitis virus	Tufchi N., Pant K., Pant B.	9744304	International Journal of PharmTech Research	7	1	3	0	0	0	0	0	3
2015	Sub-block features based image retrieval	Sajwan V., Goyal P.	21903018	Smart Innovation, Systems and Technologies	31		1	1	0	0	1	0	2
2015	Behavioural analysis of a hydroelectric production power plant under reworking scheme	Manglik M., Ram M.	207543	International Journal of Production Research	53	2	11	1	2	0	3	0	14
2015	Quantification of voltage unbalance conditions	Chauhan A., Thakur P., Raveendhra D.	18761100	Lecture Notes in Electrical Engineering	326		2	0	1	0	1	0	3
2015	Frequency regulation of isolated hybrid wind/diesel, Power generation with fuel cell system	Singh S., Singh M., Chanana S., Semwal S.	18761100	Lecture Notes in Electrical Engineering	326		12	0	0	1	1	0	13

2015	Residential load signature analysis for their segregation using wavelet—SVM	Singh M., Kumar S., Semwal S., Prasad R.S.	18761100	Lecture Notes in Electrical Engineering	326		13	6	0	0	6	0	19
2015	FPGA controlled power conditioning system for solar PV fed PMDC motor	Raveendhra D., Thakur P., Chauhan A.	18761100	Lecture Notes in Electrical Engineering	326		1	2	0	0	2	0	3
2015	Material-Based Vibration Characteristic Analysis of Heavy Vehicle Transmission Gearbox Casing Using Finite Element Analysis	Kumar A., Dwivedi A., Jaiswal H., Patil P.P.	21945357	Advances in Intelligent Systems and Computing	308	1	12	0	1	0	1	0	13
2015	Power Efficiency with Localization for Tracking and Scrutinizing the Aquatic Sensory Nodes	Verma P.R., Singh D.P., Goudar R.H.	21945357	Advances in Intelligent Systems and Computing	308	1	4	0	0	0	0	0	4
2015	Modal Analysis of Hand-Arm Vibration (Humerus Bone) for Biodynamic Response Using Varying Boundary Conditions Based on FEA	Kumar A., Mamgain D.P., Jaiswal H., Patil P.P.	21945357	Advances in Intelligent Systems and Computing	308	1	2	1	5	0	6	0	8
2014	Analysis of cherenkov phase matching in DAST for terahertz generation	Dixit N., Farooqui M., Mishra A., Kumar V., Kumar A., Gupta A.K.		International Conference on Fibre Optics and Photonics, 2014			0	0	0	0	0	0	0
2014	Design and analysis of noise margin, write ability and read stability of organic and hybrid 6-T SRAM cell	Kumar B., Kaushik B.K., Negi Y.S.	262714	Microelectronics Reliability	54	12	36	4	1	0	5	0	41
2014	A novel method for straightening curved text-lines in stylistic documents	Singh B.M., Mittal A., Ghosh D.	16875176	Eurasip Journal on Image and Video Processing	2014	1	0	1	0	0	1	0	1
2014	Identifying appliances using NIALM with minimum features	Semwal S., Prasad R.S., Juneja P.	20888708	International Journal of Electrical and Computer Engineering	4	6	6	1	2	0	3	0	9
2014	Stochastic behaviour analysis of a Markov model under multi-state failures	Ram M., Manglik M.	9756809	International Journal of System Assurance Engineering and Management	5	4	17	1	0	0	1	0	18
2014	Adaptive binarization of severely degraded and non-uniformly illuminated documents	Singh B.M., Sharma R., Ghosh D., Mittal A.	14332833	International Journal on Document Analysis and Recognition	17	4	24	4	1	0	5	0	29
2014	Impact of source and drain contact thickness on the performance of organic thin film transistors	Mittal P., Negi Y.S., Singh R.K.	16744926	Journal of Semiconductors	35	12	16	3	3	1	7	0	23
2014	Comparative effects of hypoxia and hypoxia mimetic cobalt chloride on in vitro adhesion, biofilm formation and susceptibility to amphotericin B of Candida glabrata	Gupta P., Nath S., Meena R.C., Kumar N.	11565233	Journal of Medical Mycology	24	4	11	1	2	0	3	0	14
2014	Effect of implementing different PID algorithms on controllers designed for SOPDT process	Chaturvedi M., Juneja P.K., Chauhaan P.		Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			13	0	1	0	1	0	14
2014	A fused features approach on Content-Based Image Retrieval based on Fuzzy rule-set	Raina N., Roshi N., Chauhan R., Goudar R.H.		Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			2	0	0	0	0	0	2
2014	Controller design and its performance analysis for a delayed process model	Chauhaan P., Juneja P.K., Chaturvedi M.		Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			12	0	1	0	1	0	13
2014	Comparative analysis of controllers designed for pure integral complex delayed process model	Jangwan R., Juneja P.K., Chaturvedi M., Sunori S., Singh P.		Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			7	1	0	0	1	0	8
2014	An integrated approach to Content Based Image Retrieval	Choudhary R., Raina N., Chaudhary N., Chauhan R., Goudar R.H.		Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			22	2	2	0	4	0	26
2014	Efficiently denoising SMS text for FAQ retrieval	Batra R., Sharma S., Shrivastav A., Goyal P.		2014 International Conference on Data Mining and Intelligent Computing, ICDMIC 2014			2	0	0	0	0	0	2
2014	Stability analysis of classifiers for leaf recognition using shape features	Bijalwan P., Mittal R., Choudhary S., Bajaj S., Khanna N.		International Conference on Communication and Signal Processing, ICCSP 2014 - Proceedings			3	0	0	0	0	0	3
2014	Cellphone identification using noise estimates from recorded audio	Aggarwal R., Singh S., Roul A.K., Khanna N.		International Conference on Communication and Signal Processing, ICCSP 2014 - Proceedings			24	4	6	1	11	0	35
2014	Forensic analysis of E-mail address spoofing	Gupta S., Pilli E.S., Mishra P., Pundir S., Joshi R.C.		Proceedings of the 5th International Conference on Confluence 2014: The Next Generation Information Technology Summit			8	1	2	0	3	0	11
2014	Performance of a Structure Consisting a 2-Out-of-3:F Substructure Under Human Failure	Ram M., Kumar A.	2193567X	Arabian Journal for Science and Engineering	39	11	13	2	0	0	2	0	15
2014	FPGA controlled high gain bi-directional DC-DC converter (BDC) for energy storage of solar power	Raveendhra D., Ul Zaman P.R., Govind K.		Proceedings of the 2014 IEEE 2nd International Conference on Electrical Energy Systems, ICEES 2014			3	0	1	0	1	0	4
2014	Performance investigation of FPGA controlled central three-level diode clamped inverter in two-stage solar photo voltaic (SPV) system	Raveendhra D., Kumar R., Singh S.		Proceedings of the 2014 IEEE 2nd International Conference on Electrical Energy Systems, ICEES 2014			1	0	0	0	0	0	1
2014	Phonetic matching and syntactic tree similarity based QA system for SMS queries	Mittal A., Bhatt P., Kumar P.		Proceeding of the IEEE International Conference on Green Computing, Communication and Electrical Engineering, ICGCCEE 2014			1	0	1	0	1	0	2
2014	Comparative analysis of PV FED DC-DC converters	Sharma V., Panwar C.		Proceeding of the IEEE International Conference on Green Computing, Communication and Electrical Engineering, ICGCCEE 2014			6	1	2	0	3	0	9

2014	Effective clustering technique for selecting cluster heads and super cluster head in MANET	Katal A., Wazid M., Sachan R.S., Singh D.P., Goudar R.H.		Proceedings - 2013 International Conference on Machine Intelligence Research and Advancement, ICMIRA 2013			3	0	0	0	0	0	3
2014	FEA based study of loose transmission gearbox housing	Kumar A., Jaiswal H., Patil P.P.	21561680	International Journal of Manufacturing, Materials, and Mechanical Engineering	4	4	1	1	0	0	1	0	2
2014	FEM simulation based computation of natural frequencies and mode shapes of loose transmission gearbox casing	Kumar A., Jaiswal H., Patil P.P.	19749821	International Review on Modelling and Simulations	7	5	4	2	0	0	2	0	6
2014	Two warehouse inventory model with stock-level dependent demand rate and time varying holding cost under shortages	Rajoria Y.K., Saini S., Singh S.R.		International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2014			0	0	0	0	0	0	0
2014	Cellular mechanisms of cadmium-induced toxicity: A review	Rani A., Kumar A., Lal A., Pant M.	9603123	International Journal of Environmental Health Research	24	4	331	81	96	13	190	0	521
2014	Biosorption and reuse potential of a blue green alga for the removal of hazardous reactive dyes from aqueous solutions	Gupta V.K., Bhushan R., Nayak A., Singh P., Bhushan B.	10889868	Bioremediation Journal	18	3	32	4	3	1	8	0	40
2014	GLCM-Based Multiclass Iris Recognition Using FKNN and KNN	Kulkarni S.B., Kulkarni R.B., Kulkarni U.P., Hegadi R.S.	2194678	International Journal of Image and Graphics	14	3	5	1	0	0	1	0	6
2014	Automated process for assessment of learners programming assignments	Choudhury P.R., Wats N., Jaiswal R., Goudar R.H.		2014 IEEE 8th International Conference on Intelligent Systems and Control: Green Challenges and Smart Solutions, ISCO 2014 - Proceedings			0	0	0	0	0	0	0
2014	Herbal extract as potential modulator and drug for synaptic plasticity and neurodegenerative disorders	Semwal P., Kapoor T., Anthwal P., Sati B., Thapliyal A.	0976044X	International Journal of Pharmaceutical Sciences Review and Research	25	1	8	1	2	0	3	0	11
2014	Do stable isotopes in carbonate cement of Mio-Pleistocene Himalayan sediments record paleoecological and paleoclimatic changes?	Singh S., Parkash B., Awasthi A.K., Kumar S.	310182	Palaeogeography, Palaeoclimatology, Palaeoecology	399		5	0	0	0	0	0	5
2014	Improved intrusion detection in DDoS applying feature selection using Rank & Score of attributes in KDD-99 Data Set	Harbola A., Harbola J., Vaisla K.S.		Proceedings - 2014 6th International Conference on Computational Intelligence and Communication Networks, CICN 2014			10	1	1	0	2	0	12
2014	Evaluation of IQM's effectiveness for cell phone identification using captured videos and images	Goyal K., Panwar R., Khanna N.		2014 International Conference on Power, Control and Embedded Systems, ICPCES 2014			2	0	0	0	0	0	2
2014	An online feedback system for anonymous and credible feedback identification	Manchanda D., Goyal P., Khanna N.		2014 International Conference on Power, Control and Embedded Systems, ICPCES 2014			0	0	0	0	0	0	0
2014	Imaging system for classification of local flora of Uttarakhand region	Panwar R., Goyal K., Pandey N., Khanna N.		2014 International Conference on Power, Control and Embedded Systems, ICPCES 2014			3	1	0	0	1	0	4
2014	A mobile phone user interface for image-based dietary assessment	Ahmad Z., Khanna N., Kerr D.A., Boushey C.J., Delp E.J.	0277786X	Proceedings of SPIE - The International Society for Optical Engineering	9030		13	1	2	0	3	0	16
2014	Influence of macro-scale environmental variables on diversity and distribution pattern of lichens in Badrinath valley, Western Himalaya	Gupta S., Khare R., Rai H., Upreti D.K., Gupta R.K., Sharma P.K., Srivastava K., Bhattacharya P.	20777000	Mycosphere	5	1	3	1	0	0	1	0	4
2014	Multi point sensing (MPS): A solution for resolving complexity in NIALM applications for Indian domestic consumers	Prasad R.S., Semwal S.		2014 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2014			1	0	1	0	1	0	2
2014	Identification residential appliance using NIALM	Semwal S., Shah G., Prasad R.S.		2014 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2014			8	0	1	0	1	0	9
2014	Analysis of food images: Features and classification	He Y., Xu C., Khanna N., Boushey C.J., Delp E.J.		2014 IEEE International Conference on Image Processing, ICIP 2014			51	7	7	0	14	0	65
2014	Texture-based medical image retrieval in compressed domain using compressive sensing	Yadav K., Srivastava A., Mittal A., Ansari M.A.	17445485	International Journal of Bioinformatics Research and Applications	10	2	9	1	0	0	1	0	10
2014	Inventory model for deteriorating items with inventory dependent demand rate under trade credits	Tripathi R.P., Mishra S.M.	19306792	Journal of Applied Probability and Statistics	9	2	1	0	0	0	0	0	1
2014	Whole-genome sequence of a classical swine fever virus isolated from the Uttarakhand state of India	Kumar R., Rajak K.K., Chandra T., Thapliyal A., Muthuchelvan D., Sudhakar S.B., Sharma K., Saxena A., Raut S.D., Singh V.K., Ahmad Z., Kumar A., Chaudhary D., Singh R.K., Pandey A.B.	21698287	Genome Announcements	2	3	9	1	0	0	1	0	10
2014	The INSTAQUAL scale: An instrument for measuring service quality of management institutions	Kumar S., Dash M.K.	17530822	International Journal of Services, Economics and Management	6	4	4	0	2	0	2	0	6
2014	Walking based wearable mobile phone charger and lightening system	Pandey H., Khan I., Gupta A.		2014 International Conference on Medical Imaging, m-Health and Emerging Communication Systems, MedCom 2014			5	1	0	0	1	0	6
2014	Development of a multi-component CAD model of human elbow structure	Mehta S., Vishnoi A., Gupta A.		2014 International Conference on Medical Imaging, m-Health and Emerging Communication Systems, MedCom 2014			1	0	0	0	0	0	1
2014	Load frequency control of a hybrid renewable power system with fuel cell system	Rawat S., Singh S., Gaur K.		Proceedings of 6th IEEE Power India International Conference, PIICON 2014			13	1	2	0	3	0	16

2014	Analysis of Cherenkov phase matching in DAST for terahertz generation	Dixit N., Farooqui M., Mishra A., Kumar V., Kumar A., Gupta A.K.		Proceedings 12th International Conference on Fiber Optics and Photonics, Photonics 2014			0	0	0	0	0	0	0
2014	An approach to analyze the flow characteristics of sharp-crested triangular planform contracted weirs	Gupta K.K., Kumar S., Ahmad Z.	18184952	World Applied Sciences Journal	32	7	6	0	1	0	1	0	7
2014	Improved technique for data confidentiality in cloud environment	Ranjan P., Mishra P., Rawat J.S., Pilli E.S., Joshi R.C.	18761100	Lecture Notes in Electrical Engineering	284		1	0	1	0	1	0	2
2014	Performance evaluation of a computer workstation under ring topology	Nagiya K., Ram M.	18234690	Journal of Engineering Science and Technology	9		1	0	0	0	0	0	1
2014	Stochastic modeling of a multi-state manufacturing system under three types of failures with perfect fault coverage	Manglik M., Ram M.	18234690	Journal of Engineering Science and Technology	9		5	1	0	0	1	0	6
2014	Biomedical image processing for human elbow	Vishnoi A., Mehta S., Gupta A.		2014 International Conference on Devices, Circuits and Communications, ICDCCom 2014 - Proceedings			1	0	0	0	0	0	1
2014	Environmental impacts of green tea (Camellia sinensis) cultivation and its preventive measures: A review	Anand J., Rai N.	0971765X	Ecology, Environment and Conservation	20		0	0	0	0	0	0	0
2014	Fuzzy reliability modeling in the system failure rates merit context	Chandna R., Ram M.	9756809	International Journal of System Assurance Engineering and Management	5	3	13	0	4	0	4	0	17
2014	Vibration analysis of femur bone using Elmer	Gupta A., Tse K.M.	18234690	Journal of Engineering Science and Technology	9		5	0	0	0	0	0	5
2014	Numerical solution of BBM-Burger equation with quartic B-spline collocation method	Arora G., Mittal R.C., Singh B.K.	18234690	Journal of Engineering Science and Technology	9		18	5	8	0	13	0	31
2014	A novel concept for mining negative and positive rule through association based k-map	Kotiyal B., Kumar A., Pant B., Goudar R.H.	18234690	Journal of Engineering Science and Technology	9		0	0	0	0	0	0	0
2014	Roche-coordinates and metric coefficients for differentially rotating polytropic stars	Singh K.K., Saini S., Kumar S.	18234690	Journal of Engineering Science and Technology	9		0	0	0	0	0	0	0
2014	"Eco-computation": A step towards more friendly green computing	Joshi A., Tewari K., Pant B., Goudar R.H.	21945357	Advances in Intelligent Systems and Computing	236		0	0	0	0	0	0	0
2014	Efficient protocol prediction algorithm for MANET multimedia transmission under JF periodic dropping attack	Katal A., Wazid M., Goudar R.H.	21945357	Advances in Intelligent Systems and Computing	236		0	0	0	0	0	0	0
2014	Semantic search in E-tourism services: Making data compilation easier	Agarwal J., Sharma N., Kumar P., Parshav V., Srivastava A., Rathore R., Goudar R.H.	21945357	Advances in Intelligent Systems and Computing	236		0	0	0	0	0	0	0
2014	Classification technique for improving user access on web log data	Kotiyal B., Kumar A., Pant B., Goudar R.H.	21945357	Advances in Intelligent Systems and Computing	243		1	2	0	0	2	0	3
2014	Effective ontology alignment: An approach for resolving the ontology heterogeneity problem for semantic information retrieval	Kandpal A., Goudar R.H., Chauhan R., Garg S., Joshi K.	21945357	Advances in Intelligent Systems and Computing	243		2	0	0	0	0	0	2
2014	Comparative analysis and research issues in classification techniques for intrusion detection	Chauhan H., Kumar V., Pundir S., Pilli E.S.	21945357	Advances in Intelligent Systems and Computing	243		4	0	1	0	1	0	5
2014	Enhanced single-pass algorithm for efficient indexing using hashing in map reduce paradigm	Sinha P.K., Joshi P., Pundir P., Negi M., Goudar R.H.	21945357	Advances in Intelligent Systems and Computing	243		0	1	0	0	1	0	1
2014	Inventory model with inventory-dependent demand for deteriorating items in a single warehouse system	Tripathi R.P., Mishra S.M.	22916822	Uncertain Supply Chain Management	2	4	3	0	2	0	2	0	5
2014	Learner's perspective on video-viewing features offered by MOOC providers: Coursera and edX	Mamgain N., Sharma A., Goyal P.		Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			20	6	4	0	10	0	30
2014	Use of randomized algorithms for enhancing learning ability in algorithms course	Goyal P., Dwivedi M., Awais M.		Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			0	0	0	0	0	0	0
2014	Positive impact of plagiarism awareness seminars: A case study	Goyal P., Kaur M., Pandey A.		Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			1	0	0	0	0	0	1
2014	Enhancing education for IT literacy using spoken tutorials	Kohli G.S., Dandriyal A., Goyal P.		Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			0	0	0	0	0	0	0
2014	A bio-inspired trusted clustering for mobile pervasive environment	Gaur M.S., Pant B.	21945357	Advances in Intelligent Systems and Computing	259		3	1	0	0	1	0	4
2014	Free vibration and material mechanical properties influence based frequency and mode shape analysis of transmission gearbox casing	Kumar A., Jaiswal H., Jain R., Patil P.P.	18777058	Procedia Engineering	97		26	0	4	0	4	0	30
2014	Dynamic vibration characteristics analysis of truck transmission gearbox casing with fixed constraint of vehicle frame based on FEA	Kumar A., Jaiswal H., Ahmad F., Patil P.P.	18777058	Procedia Engineering	97		7	3	1	0	4	0	11
2014	Study of Phase Matching Schemes in PPLN for THz Generation	Farooqui M., Mishra A., Dixit N., Gupta A.K.	18635520	Environmental Science and Engineering			2	0	0	0	0	0	2
2014	Design and implementation of TCP friendly, end-to-end, layered solution for mobile ad hoc networks (MANET)	Dobhal D.C., Dimri S.C.	9734562	International Journal of Applied Engineering Research	9	21	2	0	0	0	0	0	2
2014	Hippophae salicifolia d don-a plant with multifarious benefits	Pant M., Lal A., Rani A.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	6	11	7	1	3	0	4	0	11
2014	Assessment of optimum thermal humidity index for crossbred dairy cows in Dehradun district, Uttarakhand, India	Kohli S., Atheya U.K., Thapliyal A.	9728988	Veterinary World	7	11	17	2	4	0	6	0	23
2014	Online traffic density estimation and vehicle classification management system	Singh A., Kumar A., Goudar R.H.	9746846	Indian Journal of Science and Technology	7	4	17	1	1	0	2	0	19
2014	A multi item inventory model for deteriorating items with expiration date and allowable shortages	Tayal S., Singh S.R., Sharma R.	9746846	Indian Journal of Science and Technology	7	4	31	2	4	0	6	0	37
2014	An inventory model with time dependent demand under inflation and trade credits	Rajoria Y.K., Saini S., Singh S.R.	21945357	Advances in Intelligent Systems and Computing	259		3	1	0	0	1	0	4

2014	LevelSync: A hierarchical time synchronization mechanism for wireless sensor networks	Rathore D.S., Bordoloi D., Pilli E.S., Govil M.C.		2014 7th International Conference on Contemporary Computing, IC3 2014			0	0	0	0	0	0	0
2014	Dynamic vibration analysis of heavy vehicle truck transmission gearbox housing using FEA	Kumar A., Patil P.P.	17912377	Journal of Engineering Science and Technology Review	7	4	3	0	1	0	1	0	4
2014	Static and dynamic characteristics of dual gate organic TFT based NAND and NOR circuits	Kumar B., Kaushik B.K., Negi Y.S.	15698025	Journal of Computational Electronics	13	3	31	4	1	0	5	0	36
2014	Modelling of structure based T-Cell epitopes of bunyaviridae viruses, as a genus of california encephalitis virus [CEV]	Tufchi N., Pant K., Pant B.	9758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	5	5	0	0	0	0	0	0	0
2014	Processing, microstructure and properties of ultrasonically processed in situ MgO-Al2O3-MgAl2O4 dispersed magnesium alloy composites	Bhingole P.P., Chaudhari G.P., Nath S.K.	1359835X	Composites Part A: Applied Science and Manufacturing	66		27	9	10	1	20	0	47
2014	The Attack Back Mechanism: An Efficient Back-Hacking Technique	Joshi A., Goudar R.H.	21903018	Smart Innovation, Systems and Technologies	28	2	0	0	0	0	0	0	0
2014	Minimum mutable checkpoint-based coordinated checkpointing protocol for mobile distributed systems	Awasthi L.K., Misra M., Joshi R.C.	17543916	International Journal of Communication Networks and Distributed Systems	12	4	6	0	0	0	0	0	6
2014	The effects of electromagnetic radiation (954 KHZ) on the people's health, living near the high power radio broadcasting antenna	Kumar A., Kumar V., Pathak P.P.	9756299	International Journal of Pharma and Bio Sciences	5	3	0	0	1	0	1	0	1
2014	Optimal replenishment and ordering policy for time dependent demand and deterioration with discounted cash flow analysis	Chauhan A., Singh A.P.	17575850	International Journal of Mathematics in Operational Research	6	4	16	2	0	0	2	0	18
2014	A text based drug query system for mobile phones	Langer A., Banga R., Mittal A., Subramaniam L.V., Sondhi P.	1470949X	International Journal of Mobile Communications	12	4	7	0	0	0	0	0	7
2014	To develop the electroless NiP-ZnO coating on glass substrate by electroless technique	Sharma S., Saini C.K., Sharma S.	20282508	Journal of Materials and Environmental Science	5	5	1	0	0	0	0	0	1
2014	EOQ model with cash flow oriented and quantity dependent under trade credits	Tripathi R.P., Kumar Uniyal A.	17281431	International Journal of Engineering, Transactions A: Basics	27	7	2	0	0	0	0	0	2
2014	Comparative analysis of tunable terahertz generation in DAST and BNA using difference frequency mixing	Farooqui M., Dixit N., Mishra A., Kumar V., Kaul A.N., Gupta A.K.	9728821	Journal of Optics (India)	43	2	2	0	0	0	0	0	2
2014	Variants of R-weakly commuting mappings and common fixed point theorems in intuitionistic fuzzy metric spaces	Chauhan S., Kutukcu S., Dhiman N., Kumar S.	23074116	Kuwait Journal of Science	41	2	3	0	0	0	0	0	3
2014	Accurate steady-state performance assessment of three-phase induction motor using NEMA definition	Singh S.B., Singh A.K., Thakur P.	15406008	Proceedings of International Conference on Harmonics and Quality of Power, ICHQP			3	2	0	0	2	0	5
2014	Shortfalls of existing methods for characterization of voltage sags from recorded waveform	Thakur P., Singh A.K., Singh S.B.	15406008	Proceedings of International Conference on Harmonics and Quality of Power, ICHQP			7	0	0	1	1	0	8
2014	Accurate performance assessment of im with approximate current unbalance factor for NEMA definition	Singh S.B., Singh A.K., Thakur P.	15406008	Proceedings of International Conference on Harmonics and Quality of Power, ICHQP			11	3	0	0	3	0	14
2014	Evaluation of antioxidant potential and phytochemicals of Morina longifolia	Yousuf S., Bachheti R.K., Joshi A., Mathur A.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	6	6	1	1	0	0	1	0	2
2014	Designing compatible hardware platform for implementation of NIALM	Semwal S., Prasad R.S., Singh M.		2014 International Conference on Computing for Sustainable Global Development, INDIACom 2014			3	0	0	0	0	0	3
2014	Impact of superconducting magnetic energy storage on frequency stability of an isolated hybrid power system	Singh S., Joshi H., Chanana S., Verma R.K.		2014 International Conference on Computing for Sustainable Global Development, INDIACom 2014			10	1	2	0	3	0	13
2014	Harmonic analysis of CSI-fed induction motor drive	Sharma V., Mendiratta G.		2014 International Conference on Computing for Sustainable Global Development, INDIACom 2014			4	1	0	0	1	0	5
2014	Screening of viola patrinii for antioxidant potential and presence of phytochemicals	Bachheti R.K., Yousuf S., Sharama R.G., Joshi A., Mathur A.	9744290	International Journal of ChemTech Research	6	4	3	0	1	0	1	0	4
2014	Two echelon supply chain model for deteriorating items with effective investment in preservation technology	Tayal S., Singh S.R., Sharma R., Chauhan A.	17575850	International Journal of Mathematics in Operational Research	6	1	47	8	1	0	9	0	56
2014	A new model for deteriorating items with inflation under permissible delay in payments	Tripathia R.P., Kumarb M.	19232926	International Journal of Industrial Engineering Computations	5	3	9	1	0	0	1	0	10
2014	An efficient algorithm for conflict free address auto configuration in self configurable networks	Chand M., Mandoria H.L., Joshi R.C.	20407459	Research Journal of Applied Sciences, Engineering and Technology	7	18	0	0	0	0	0	0	0
2014	Detecting explosives using cell phones: An approach to save the humanity	Juyal C., Goudar R.H.	9734562	International Journal of Applied Engineering Research	9	14	0	0	0	0	0	0	0
2014	Retinal vessel extraction and vessel path prediction by active contouring	Chauhan R., Manocha P., Chandwani G.	18286003	International Review on Computers and Software	9	3	2	0	0	0	0	0	2
2014	Frequency regulation of an isolated hybrid power system with Battery energy storage system	Singh S., Singh S.K., Chanana S., Singh Y.P.		2014 Power and Energy Systems Conference: Towards Sustainable Energy, PESTSE 2014			17	1	0	0	1	0	18
2014	Transformer less FPGA Controlled 2-Stage isolated grid connected PV system	Raveendhra D., Faruqui S., Saini P.		2014 Power and Energy Systems Conference: Towards Sustainable Energy, PESTSE 2014			5	0	0	0	0	0	5
2014	Performance and control system design for FPGA based CVMPPT boost converter for remote SPV water pumping system applications	Raveendhra D., Joshi P., Verma R.K.		2014 Power and Energy Systems Conference: Towards Sustainable Energy, PESTSE 2014			8	0	0	0	0	0	8
2014	Cell-phone identification from audio recordings using PSD of speech-free regions	Pandey V., Verma V.K., Khanna N.		2014 IEEE Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2014			10	2	0	1	3	0	13
2014	Viscous potential flow analysis of electrohydrodynamic Rayleigh-Taylor instability	Awasthi M.K., Yadav D., Agrawal G.S.	17353572	Journal of Applied Fluid Mechanics	7	2	5	0	1	0	1	0	6

2014	Mechanical response of femur bone to bending load using finite element method	Bhardwaj A., Gupta A., Tse K.M.		2014 Recent Advances in Engineering and Computational Sciences, RAECS 2014			3	0	1	0	1	0	4
2014	Imaging techniques for secure photography using dual camera	Jain R., Rawat A., Chaudhary V., Sharma J., Khanna N.		2014 Recent Advances in Engineering and Computational Sciences, RAECS 2014			1	0	0	0	0	0	1
2014	Binding pattern of 125Iodine thyroxine and tri-iodothyronine in skin and liver tissues of spotted munia, Lonchura punctulata: Co-relation to seasonal cycles of breeding and molting	Thapliyal A., Chandola-Saklani A., Bhatt D., Anthwal P.	195189	Indian Journal of Experimental Biology	52	5	1	0	0	0	0	0	1
2014	Modeling and availability analysis of internet data center with various maintenance policies	Rawal D.K., Ram M., Singh V.V.	17281431	International Journal of Engineering, Transactions A: Basics	27	4	16	3	1	0	4	0	20
2014	Prevalence of theileriosis in cross-bred cattle: Its detection through blood smear examination and polymerase chain reaction in Dehradun district, Uttarakhand, India	Kohli S., Atheya U.K., Thapliya A.	9728988	Veterinary World	7	3	28	6	5	0	11	0	39
2014	Automated first aid and medication system for burn victims	Pande V., Ali S.M., Kumar S., Goyal P.		Souvenir of the 2014 IEEE International Advance Computing Conference, IACC 2014			2	0	0	0	0	0	2
2014	Evaluation of anticandidal potential of some folklore plants	Mundepi U., Kumar V., Gupta S., Bisht G.S., Garg F.C., Gupta V.K.	3698211	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	84	2	2	0	0	0	0	0	2
2014	Role of active components of medicinal plants in neurodegenerative disorders and synaptic plasticity	Semwal P., Kapoor T., Thapliyal A.	9744290	International Journal of ChemTech Research	6	2	2	0	0	0	0	0	2
2014	Performance analysis of femtocell network in macrocell environment	Madhwal E., Mahapatra R.		International Conference on Electronics, Communication and Instrumentation 2014, ICECI 2014			3	0	0	0	0	0	3
2014	Equilibrium Structure of Rotationally and Tidally Distorted Prasad Model Including the Effect of Mass Variation Inside the Star	Saini S., Lal A.K., Kumar S.	5717256	Astrophysics	57	1	2	0	0	0	0	0	2
2014	Small G proteins dexras1 and RHES and their role in pathophysiological processes	Thapliyal A., Verma R., Kumar N.	16878876	International Journal of Cell Biology			13	3	1	0	4	0	17
2014	A review on sonic crystal, its applications and numerical analysis techniques	Gupta A.	10637710	Acoustical Physics	60	2	22	4	11	1	16	0	38
2014	One-dimensional coupled Burgers' equation and its numerical solution by an implicit logarithmic finite-difference method	Srivastava V.K., Tamsir M., Awasthi M.K., Singh S.	21583226	AIP Advances	4	3	31	6	5	0	11	0	42
2014	Antioxidant activity of different extracts of Valeriana hardwickii	Yousuf S., Bachheti R.K., Joshi A., Mathur A.	0976044X	International Journal of Pharmaceutical Sciences Review and Research	24	2	0	0	0	0	0	0	0
2014	Purification and physicochemical characterization of a trypsin inhibitor from cassia absus linn	Patel G.K., Gupta A.K., Gupta A., Mishra M., Singh P.K., Saxena A.K., Sharma A.K.	9298665	Protein and Peptide Letters	21	2	3	0	0	0	0	0	3
2014	Assessing uncertainty dimensions in land-use change models: Using swap and multiplicative error models for injecting attribute and positional errors in spatial data	Tayyebi A.H., Tayyebi A., Khanna N.	1431161	International Journal of Remote Sensing	35	1	32	4	3	0	7	0	39
2013	Image segmentation for image-based dietary assessment: A comparative study	He Y., Khanna N., Boushey C.J., Delp E.J.		ISSCS 2013 - International Symposium on Signals, Circuits and Systems			10	1	0	0	1	0	11
2013	Methods of cell lysis and effect of detergents for the recovery of nitrile metabolizing enzyme from Amycolatopsis sp. IITR215	Babu V., Choudhury B.	1687157X	Journal of Genetic Engineering and Biotechnology	11	2	5	1	0	0	1	0	6
2013	Image retrieval using ontology and low level features in medical domain	Singh P., Goudar R.H., Rathore R., Srivastava A.	18184952	World Applied Sciences Journal	28	12	0	0	0	0	0	0	0
2013	An EOQ model for deteriorating items with weibull time - Dependent demand rate under trade credits	Tripathi R.P., Pandey H.S.	10171819	International Journal of Information and Management Sciences	24	4	13	2	1	0	3	0	16
2013	Operation and control of a hybrid wind-diesel-battery energy system connected to micro-grid	Singh S., Singh M., Chanana S., Raveendhra D.		CARE 2013 - 2013 IEEE International Conference on Control, Automation, Robotics and Embedded Systems, Proceedings			10	0	2	0	2	0	12
2013	An efficient framework for resource allocation in cloud computing	Kumar A., Pilli E.S., Joshi R.C.		2013 4th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2013			10	0	0	0	0	0	10
2013	Artificial neural network-based forest fire detection system using wireless sensor network	Chauhan A., Semwal S., Chawhan R.		2013 Annual IEEE India Conference, INDICON 2013			13	2	1	0	3	0	16
2013	Analysis and retrieval of soil parameters with specular scattering data at different incidence angle	Prakash R., Singh D., Singh K.P.		International Geoscience and Remote Sensing Symposium (IGARSS)			1	0	0	0	0	0	1
2013	Text retrieval using SMS queries: Datasets and overview of FIRE 2011 track on SMS-based FAQ retrieval	Contractor D., Subramaniam L.V., Deepak P., Mittal A.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	7536		2	0	0	0	0	0	2
2013	Molecular biology of nitrile metabolizing enzymes	Saxena K., Gupta A.D., Patel G.K., Babu V.		Molecular Biology of Bacteria			0	0	0	0	0	0	0
2013	Effect of dead time approximation on controller performance designed for a second order delayed model	Chaturvedi M., Juneja P.		Proceedings of the 2013 International Conference on Advanced Electronic Systems, ICAES 2013			16	0	0	0	0	0	16
2013	Robustness analysis using prediction based control strategy for an industrial process	Juneja P.K., Ray A.		2013 IEEE International Conference on Signal Processing, Computing and Control, ISPCC 2013			3	0	1	0	1	0	4
2013	Intelligent plagiarism detection mechanism using semantic technology: A different approach	Agarwal J., Goudar R.H., Kumar P., Sharma N., Parshav V., Sharma R., Srivastava A., Rao S.		Proceedings of the 2013 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2013			5	0	0	0	0	0	5

2013	Cost effective dynamic packaging systems in E-tourism using semantic web	Agarwal J., Goudar R.H., Sharma N., Kumar P., Parshav V., Sharma R., Rao S.		Proceedings of the 2013 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2013			3	0	0	0	0	0	3
2013	IT-initiatives for empowering difficult geographies: A review	Ghanshala K.K., Pant D.	13301012	Proceedings of the International Conference on Information Technology Interfaces, ITI			0	0	0	0	0	0	0
2013	An implicit finite-difference solution to one-dimensional coupled burgers' equations	Srivastava V.K., Awasthi M.K., Tamsir M., Singh S.	17935571	Asian-European Journal of Mathematics	6	4	7	1	2	0	3	0	10
2013	Variation in oil content and physico-chemical properties of Jatropha curcus seed collected from different areas of Garwhal, Uttarakhand India	Joshi A., Singhal P.K., Bachheti R.K.	9744290	International Journal of ChemTech Research	5	6	3	0	0	0	0	0	3
2013	Design and performance of hybrid constructed wetland systems for high-content wastewater treatment in the cold climate of Hokkaido, northern Japan	Kato K., Inoue T., Ietsugu H., Sasaki H., Harada J., Kitagawa K., Sharma P.K.	2731223	Water Science and Technology	68	7	16	2	2	0	4	0	20
2013	Stochastic analysis of a standby system with waiting repair strategy	Ram M., Singh S.B., Singh V.V.	10834427	IEEE Transactions on Systems, Man, and Cybernetics Part A:Systems and Humans	43	3	71	18	4	1	23	0	94
2013	Cross-correlation evaluated muscle co-ordination for speech production	Joshi D., Bhatia D.	3091902	Journal of Medical Engineering and Technology	37	8	0	1	0	0	1	0	1
2013	Antioxidant capacity and total phenolic content of Swertia chirayita (Roxb. ex Fleming) H. Karst. in Uttarakhand	Sharma N., Varshney V.K., Prasad Kala R., Bisht B., Sharma M.	0976044X	International Journal of Pharmaceutical Sciences Review and Research	23	1	4	0	3	0	3	0	7
2013	Artificial proprioception for myoelectric control	Pistohl T., Jackson A., Gowrishankar G., Joshi D., Nazarpour K.	1557170X	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS			1	0	0	0	0	0	1
2013	Big data: Issues, challenges, tools and Good practices	Katal A., Wazid M., Goudar R.H.		2013 6th International Conference on Contemporary Computing, IC3 2013			523	55	47	4	106	0	629
2013	Food image analysis: Segmentation, identification and weight estimation	He Y., Xu C., Khanna N., Boushey C.J., Delp E.J.	19457871	Proceedings - IEEE International Conference on Multimedia and Expo			53	8	11	0	19	0	72
2013	Chemical composition, mineral and nutritional value of wild bischofia javanica seed	Indra R., Bachheti R.K., Archana J.	19854668	International Food Research Journal	20	4	5	1	2	0	3	0	8
2013	Chemical composition, mineral and nutritional value of Datura Metel seed	Rai I., Bachheti R.K., Joshi A.	9756299	International Journal of Pharma and Bio Sciences	4	4	3	0	0	0	0	0	3
2013	A review on Ipomoea Carnea	Sharma A., Bachheti R.K.	9756299	International Journal of Pharma and Bio Sciences	4	4	16	0	1	0	1	0	17
2013	Preface	Babu V., Thapliyal A., Patel G.K.		Biofuels Production			1	0	0	0	0	0	1
2013	Biomethane Production	Goyal R., Babu V., Patel G.K.		Biofuels Production			1	0	0	0	0	0	1
2013	Introduction to Biofuels	Kumar P., Babu V.		Biofuels Production			0	0	0	0	0	0	0
2013	Bio-Hydrogen Production: Current Scenarios and Future Prospects	Srivastav S., Anthwal P., Chandra T., Thapliyal A.		Biofuels Production			0	0	0	0	0	0	0
2013	Biofuels Production	Babu V., Thapliyal A., Patel G.K.		Biofuels Production			11	1	1	0	2	0	13
2013	An inventory model for decaying items, considering multi variate consumption rate with partial backlogging	Sharma S., Singh S.R.	9746846	Indian Journal of Science and Technology	6	7	11	2	2	1	5	0	16
2013	Detection and prevention mechanism for Blackhole attack in Wireless Sensor Network	Wazid M., Katal A., Singh Sachan R., Goudar R.H., Singh D.P.		International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings			42	5	8	0	13	0	55
2013	TBESP algorithm for Wireless Sensor Network under Blackhole attack	Wazid M., Katal A., Goudar R.H.		International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings			3	0	0	0	0	0	3
2013	A cluster based intrusion detection and prevention technique for misdirection attack inside WSN	Sachan R.S., Wazid M., Singh D.P., Goudar R.H.		International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings			10	1	1	0	2	0	12
2013	Partial sharpness index for classifying digital camera and scanned images	Mettripun N., Khanna N., Amornraksa T., Delp E.J.		2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON 2013			0	0	0	0	0	0	0
2013	Sound propagation in two-dimensional waveguide with circular wavefront	Gupta A., Lim K.-M., Heng C.C.	10637710	Acoustical Physics	59	5	5	0	0	0	0	0	5
2013	Comparative in situ remediation potential of Pseudomonas putida 710A and Commamonas aquatica 710B using plant (Vigna radiata (L.) wilczek) assay	Rani A., Souche Y., Goel R.	15904261	Annals of Microbiology	63	3	10	3	3	0	6	0	16
2013	Effect of inversion layer and oxide layer thickness on the performance of PX-Si TFT devices	Joshi D.P., Sharma K., Gill F.S.	195596	Indian Journal of Pure and Applied Physics	51	9	0	0	0	0	0	0	0
2013	A simplified new procedure for identification of appliances in smart meter applications	Prasad R.S., Semwal S.		SysCon 2013 - 7th Annual IEEE International Systems Conference, Proceedings			18	0	1	0	1	0	19
2013	E-TCP for efficient performance of MANET under JF delay variance attack	Wazid M., Katal A., Sachan R.S., Goudar R.H.		2013 IEEE Conference on Information and Communication Technologies, ICT 2013			9	1	0	0	1	0	10
2013	Hacktivism trends, digital forensic tools and challenges: A survey	Wazid M., Katal A., Goudar R.H., Rao S.		2013 IEEE Conference on Information and Communication Technologies, ICT 2013			21	2	3	0	5	0	26
2013	A cluster based detection and prevention mechanism against novel datagram chunk dropping attack in MANET multimedia transmission	Katal A., Wazid M., Goudar R.H., Singh D.P.		2013 IEEE Conference on Information and Communication Technologies, ICT 2013			9	0	1	0	1	0	10
2013	Stability analysis of FPGA based perturb and observe method MPPT charge controller for solar PV system	Saini T., Raveendhra D., Thakur P.		2013 Students Conference on Engineering and Systems, SCES 2013			7	0	1	0	1	0	8

2013	Indian language identification using k-means clustering and support vector machine (SVM)	Verma V.K., Khanna N.		2013 Students Conference on Engineering and Systems, SCES 2013			16	0	1	0	1	0	17
2013	Assessment of induction motor performance under supply voltage unbalance: A review	Chauhan A., Thakur P., Raveendhra D.		2013 Students Conference on Engineering and Systems, SCES 2013			5	1	1	0	2	0	7
2013	Two-warehouse production policy for different demands under volume flexibility	Sharma S., Singh S.R., Dem H.	19232926	International Journal of Industrial Engineering Computations	4	4	1	0	1	0	1	0	2
2013	AWES: Adaptive web exploration system based on similar user behavior and multiperspective thinking	Koul A., Bahuguna A., Singh A., Pandita A., Pattanshetti M.K., Goudar R.		2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			0	0	0	0	0	0	0
2013	Design of FPGA based open circuit voltage MPPT charge controller for solar PV system	Raveendhra D., Kumar B., Mishra D., Mankotia M.		Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2013			12	2	2	0	4	0	16
2013	Efficient searching, presentation, organization and retrieval of images from personal video/photo collections	Arora G., Kumar N., Gurung P., Agarwal P., Goudar R.H.		2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			0	0	0	0	0	0	0
2013	Coverage life time improvement in wireless sensor networks by novel deployment technique	Gupta N., Wazid M., Sharma S., Singh D.P., Goudar R.H.		2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			1	0	1	0	1	0	2
2013	Design and small signal analysis of solar PV fed FPGA based closed loop control Bi-Directional DC-DC converter	Raveendhra D., Thakur P., Narasimha Raju B.L.		Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2013			3	2	1	0	3	0	6
2013	Data recovery with energy efficient task allocation in Wireless Sensor Networks	Sharma S., Wazid M., Gupta N., Singh D.P., Goudar R.H.		2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			5	0	0	0	0	0	5
2013	Simulation based analysis of FPGA controlled Cascaded H-Bridge Multilevel inverter fed solar PV system	Raveendhra D., Prakash P., Saini P.		2013 International Conference on Energy Efficient Technologies for Sustainability, ICEETS 2013			5	0	0	0	0	0	5
2013	FPGA based 2-stage power conditioning system for PV power generation	Raveendhra D., Guruswamy K.P., Thakur P.		Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			3	0	1	0	1	0	4
2013	Non-Technical Losses in power system: A review	Chauhan A., Rajvanshi S.		Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			25	3	2	0	5	0	30
2013	The practicability of ICA in home appliances load profile separation using current signature: A preliminary study	Semwal S., Joshi D., Prasad R.S., Raveendhra D.		Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			13	2	1	0	3	0	16
2013	A review on optimal location of FACTS devices in AC transmission system	Rawat N., Bhatt A., Aswal P.		Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			14	0	1	0	1	0	15
2013	Single machine scheduling in a batch delivery system with fixed delivery dates	Tyagi N., Abedi M., Varshney R.G.	23198613	International Journal of Engineering and Technology	5	4	2	0	0	0	0	0	2
2013	Complementary Sierpinski gasket fractal antenna for dual-band WiMAX/WLAN (3.5/5.8 GHz) applications	Malik J., Kalaria P.C., Kartikeyan M.V.	17590787	International Journal of Microwave and Wireless Technologies	5	4	14	0	2	0	2	0	16
2013	An optimal ordering policy for inventory model with non-instantaneous deteriorating items and stock-dependent demand	Kaur J., Sharma R., Singh A.P.	1312885X	Applied Mathematical Sciences	7	81-84	3	0	0	1	1	0	4
2013	Novel way for classification and type detection of voltage sag	Thakur P., Singh A.K., Bansal R.C.	17518687	IET Generation, Transmission and Distribution	7	4	36	3	2	1	6	0	42
2013	Effects of load fluctuations on treatment potential of a hybrid sub-surface flow constructed wetland treating milking parlor waste water	Sharma P.K., Takashi I., Kato K., Ietsugu H., Tomita K., Nagasawa T.	9258574	Ecological Engineering	57		20	4	3	0	7	0	27
2013	Domain ontology based semantic search for efficient information retrieval through automatic query expansion	Chauhan R., Goudar R., Sharma R., Chauhan A.		2013 International Conference on Intelligent Systems and Signal Processing, ISSP 2013			28	1	0	1	2	0	30
2013	Cost analysis of an engineering system involving subsystems in series configuration	Singh V.V., Ram M., Rawal D.K.	15455955	IEEE Transactions on Automation Science and Engineering	10	4	26	7	1	0	8	0	34
2013	Tumbling multilevel channel conflicts in mobile ad hoc networks	Abd Elhamid Abbas M., Shahnawaz H.		Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			1	1	0	0	1	0	2
2013	Viscous corrections for the viscous potential flowanalysis of magnetohydrodynamic kelvin-helmholtz instability through porous media	Awasthi M.K., Tamsir M.	1091028X	Journal of Porous Media	16	7	4	1	0	1	2	0	6
2013	A survey on energy and power consumption models for Greener Cloud	Priya B., Pilli E.S., Joshi R.C.		Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			36	1	3	0	4	0	40
2013	Energy efficient analysis of heterogeneous wireless network	Singh A., Mahapatra R.		Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			3	0	0	0	0	0	3
2013	Averting man in the browser attack using user-specific personal images	Goyal P., Bansal N., Gupta N.		Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			4	0	1	0	1	0	5

2013	Effective Searching Methodology for finding relevant Paths between nodes using Qualified Bi-Directional BFS algorithm on Graph database	Goel R., Srivastava N., Chandola H., Rohilla B., Srivastava S., Goudar R.H.		Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			0	0	0	0	0	0	0
2013	Live virtual machine migration techniques: Survey and research challenges	Kapil D., Pilli E.S., Joshi R.C.		Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			66	7	6	1	14	0	80
2013	A novel approach to implement green wave system and detection of stolen vehicles	Mittal A.K., Bhandari D.		Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			41	4	2	0	6	0	47
2013	A multi-language CLIR with classification by rational agents	Joshi A., Tewari K., Kumar A., Pant B.		Proceedings of the 2013 International Conference on Information Systems and Computer Networks, ISCON 2013			0	0	0	0	0	0	0
2013	Fuzzy logic-based MPPT controllers for three-phase grid-connected inverters	Ansari M.F., Chatterji S., Iqbal A.	14786451	International Journal of Sustainable Energy	32	3	20	1	0	0	1	0	21
2013	Viscous corrections for the viscous potential flow analysis of rayleigh-taylor instability with heat and mass transfer	Awasthi M.K.	221481	Journal of Heat Transfer	135	7	12	1	1	0	2	0	14
2013	Chemistry, antioxidant and antimicrobial potential of nutmeg (Myristica fragrans Houtt)	Gupta A.D., Bansal V.K., Babu V., Maithil N.	1687157X	Journal of Genetic Engineering and Biotechnology	11	1	99	21	17	0	38	0	137
2013	Performance improvement of a parallel redundant system with coverage factor	Ram M., Singh S.B., Varshney R.G.	18234690	Journal of Engineering Science and Technology	8	3	9	1	0	0	1	0	10
2013	Expression of human erythropoietin gene in hela cells	Tiwari U., Agarwal K., Rai A., Rai N., Pal P.	9756299	International Journal of Pharma and Bio Sciences	4	2	0	1	0	0	1	0	1
2013	Inventory model with different demand rate and different holding cost	Tripathi R.P.	19232926	International Journal of Industrial Engineering Computations	4	3	21	1	1	0	2	0	23
2013	Elaeocarpus sphaericus: A tree with curative powers: An overview	Pant M., Lal A., Bisht P., Rani A.	18193455	Research Journal of Medicinal Plant	7	1	5	4	4	1	9	0	14
2013	Study of photoluminescence behaviour of porous silicon samples prepared at 20mA current density	Gill F.S., Gupta H., Purohit L.P., Pal P.K., Sharma K., Dhiman N., Kumar R., Mehra R.M.	20776772	Journal of Nano- and Electronic Physics	5	1	2	0	0	0	0	0	2
2013	Misdirection attack in WSN: Topological analysis and an algorithm for delay and throughput prediction	Sachan R.S., Wazid M., Singh D.P., Katal A., Goudar R.H.		7th International Conference on Intelligent Systems and Control, ISCO 2013			6	0	0	0	0	0	6
2013	Intelligent search in E-Tourism services using Recommendation System: Perfect guide for tourist	Agarwal J., Sharma N., Kumar P., Parshav V., Srivastava A., Goudar R.H.		7th International Conference on Intelligent Systems and Control, ISCO 2013			7	0	1	0	1	0	8
2013	Authentication and authorization: Domain specific Role Based Access Control using Ontology	Katal A., Gupta P., Wazid M., Goudar R.H., Mittal A., Panwar S., Joshi S.		7th International Conference on Intelligent Systems and Control, ISCO 2013			1	0	0	0	0	0	1
2013	User behavior analysis in web log through comparative study of Eclat and Apriori	Kotiyal B., Kumar A., Pant B., Goudar R.H., Chauhan S., Junee S.		7th International Conference on Intelligent Systems and Control, ISCO 2013			8	0	1	0	1	0	9
2013	Domain ontology based efficient image retrieval	Singh P., Goudar R.H., Rathore R., Srivastav A., Rao S.		7th International Conference on Intelligent Systems and Control, ISCO 2013			2	0	0	0	0	0	2
2013	A framework for detection and prevention of novel keylogger spyware attacks	Wazid M., Katal A., Goudar R.H., Singh D.P., Tyagi A., Sharma R., Bhakuni P.		7th International Conference on Intelligent Systems and Control, ISCO 2013			11	2	3	0	5	0	16
2013	A resilient platform for safe execution of software inside a dynamic environment	Tewari K., Joshi A., Garg S., Goudar R.H., Bordoloi D.		7th International Conference on Intelligent Systems and Control, ISCO 2013			0	0	0	0	0	0	0
2013	Future predictions in Indian stock market through linguistic-temporal approach	Saxena P., Pant B., Goudar R.H., Srivastav S., Garg V., Pareek S.		7th International Conference on Intelligent Systems and Control, ISCO 2013			6	0	0	0	0	0	6
2013	Web page indexing through page ranking for effective semantic search	Sharma R., Kandpal A., Bhakuni P., Chauhan R., Goudar R.H., Tyagi A.		7th International Conference on Intelligent Systems and Control, ISCO 2013			5	0	0	0	0	0	5
2013	Analysis of milk quality, adulteration and mastitis in milk samples collected from different regions of Dehradun	Nirwal S., Pant R., Rai N.	9744304	International Journal of PharmTech Research	5	2	12	2	4	0	6	0	18
2013	Prevalence of antibiotic resistant bacteria and analysis of microbial quality of raw milk samples collected from different regions of Dehradun	Pant R., Nirwal S., Rai N.	9744304	International Journal of PharmTech Research	5	2	12	2	1	0	3	0	15
2013	Screening of extracts of Valeriana hardwickii for their antibacterial activity	Yousuf S., Bachheti R.K., Joshi A.	9744304	International Journal of PharmTech Research	5	2	3	0	0	0	0	0	3
2013	An appraisal of the compressive force path concept	Singh B., Jangir N.K.	1747650X	Proceedings of Institution of Civil Engineers: Construction Materials	166	2	2	0	0	0	0	0	2
2013	High performance control of Stewart platform manipulator using sliding mode control with synchronization error	Shiferaw D., Jain A., Mitra R.		Advanced Engineering and Computational Methodologies for Intelligent Mechatronics and Robotics			0	0	0	0	0	0	0
2013	Structural and magnetic properties of La2NiMnO6 thin films on LaAlO3 substrate with varying thickness	Kumar D., Kaur D.	9258388	Journal of Alloys and Compounds	554		13	0	2	0	2	0	15
2013	In plant test for corrosion investigations in digester of a paper mill	Sharma A., Sharma S., Sharma S.	20282508	Journal of Materials and Environmental Science	4	3	7	0	0	0	0	0	7
2013	MN rule in a-Si:H alloys	Gupta H., Purohit L.P., Gill F.S., Kumar R.	0094243X	AIP Conference Proceedings	1512		0	0	0	0	0	0	0
2013	Brahma kamal-the spiritually revered, scientifically ignored medicinal plant	Pant M., Semwal P.	113891	Current Science	104	6	5	2	3	0	5	0	10
2013	RDTM solution of Caputo time fractional-order hyperbolic telegraph equation	Srivastava V.K., Awasthi M.K., Tamsir M.	21583226	AIP Advances	3	3	33	7	8	0	15	0	48
2013	Feasibility of facial EMG in gender classification during speech production	Godiyal A.K., Sharma R., Joshi D., Bhatia D.	3091902	Journal of Medical Engineering and Technology	37	2	1	1	0	0	1	0	2
2013	Performance study of vibration based copper omega type electromechanical mass flow sensor	Patil P.P., Sharma S.C.	1546198X	Sensor Letters	11	2	0	0	0	0	0	0	0
2013	Performance of six multi-stage hybrid wetland systems for treating high-content wastewater in the cold climate of Hokkaido, Japan	Kato K., Inoue T., Ietsugu H., Koba T., Sasaki H., Miyaji N., Kitagawa K., Sharma P.K., Nagasawa T.	9258574	Ecological Engineering	51		30	3	2	2	7	0	37

2013	Analytical modeling and parameter extraction of organic thin film transistor: Effect of contact resistance, doping concentration and field dependent mobility	Mittal P., Negi Y.S., Singh R.K.	10226680	Advanced Materials Research	622		4	1	1	0	2	0	6
2013	Emotion recognition using speech features	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			2	0	0	0	0	0	2
2013	Emotion Recognition Using Excitation Source Information	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			0	0	0	0	0	0	0
2013	Summary and Conclusions	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			0	0	0	0	0	0	0
2013	Speech Emotion Recognition: A Review	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			8	1	2	0	3	0	11
2013	Emotion Recognition Using Prosodic Information	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			2	0	1	0	1	0	3
2013	Preface	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			0	0	0	0	0	0	0
2013	Introduction	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			0	0	0	0	0	0	0
2013	Enhancing quality of management education in the average Indian business school through shared responsibility	Bohra N.S.	9752854	Prabandhan: Indian Journal of Management	6	2	6	0	0	0	0	0	6
2013	EOQ model with stock level dependent demand rate and inflation under trade credits	Tripathi R.P.	17509653	International Journal of Management Science and Engineering Management	8	2	6	0	1	0	1	0	7
2013	Advanced advertising technique in Indian public transport system: A better way to disseminate information using electronic display	Dwivedi S., Gairola R., Lavania P., Mittal L., Goudar R.H.		2013 International Conference on Human Computer Interactions, ICHCI 2013			0	0	0	0	0	0	0
2013	Using technology to make farming easier and better: Simplified E-Farming Support (SEFS)	Dwivedi S., Parshav V., Sharma N., Kumar P., Chhabra S., Goudar R.H.		2013 International Conference on Human Computer Interactions, ICHCI 2013			1	0	1	1	2	0	3
2013	Big data: Mining of log file through Hadoop	Kotiyal B., Kumar A., Pant B., Goudar R.H.		2013 International Conference on Human Computer Interactions, ICHCI 2013			10	3	1	0	4	0	14
2013	Emotion Recognition Using Vocal Tract Information	Krothapalli S.R., Koolagudi S.G.	2191737X	SpringerBriefs in Speech Technology			8	0	2	0	2	0	10
2013	Implementation and Embellishment of Prevention of Keylogger Spyware Attacks	Wazid M., Sharma R., Katal A., Goudar R.H., Bhakuni P., Tyagi A.	18650929	Communications in Computer and Information Science	377		5	1	0	0	1	0	6
2013	Virtual machine portability - A novel approach	Tyagi P., Kapil D., Joshi R.C., Pilli E.S.		Proceedings - 2013 International Conference on Cloud Computing and Big Data, CLOUDCOM-ASIA 2013			0	0	0	0	0	0	0
2013	Ontology and specification-based intrusion detection and prevention system	Garg S., Garg A., Kandpal A., Joshi K., Chauhan R., Goudar R.H.		IET Conference Publications	2013	647	0	0	1	0	1	0	1
2013	Estimating torque-speed characteristic of three-phase induction motor operating under unbalance supply	Nautiyal S., Thakur P., Chauhan A., Govind K.		2013 Nirma University International Conference on Engineering, NUiCONE 2013			2	1	0	0	1	0	3
2013	Model-based food volume estimation using 3D pose	Xu C., He Y., Khanna N., Boushey C.J., Delp E.J.		2013 IEEE International Conference on Image Processing, ICIP 2013 - Proceedings			27	3	7	0	10	0	37
2013	Context based food image analysis	He Y., Xu C., Khanna N., Boushey C.J., Delp E.J.		2013 IEEE International Conference on Image Processing, ICIP 2013 - Proceedings			10	3	0	0	3	0	13
2013	A comparative study of classification techniques for intrusion detection	Chauhan H., Kumar V., Pundir S., Pilli E.S.		Proceedings - 2013 International Symposium on Computational and Business Intelligence, ISCBI 2013			57	2	9	2	13	0	70
2013	Bridging the digital gap in rural India VIVEKDISHA: A novel experience	Goswami P., Mahapatra R., Divyasukananda S.	15503607	2013 National Conference on Communications, NCC 2013			4	0	1	0	1	0	5
2013	Adaptive self-tuning techniques for performance tuning of database systems: A Fuzzy-based approach	Rodd S.F., Kulkarni U.P.		Proceedings - 2nd International Conference on Advanced Computing, Networking and Security, ADCONS 2013			3	0	0	0	0	0	3
2013	Age approximation from speech using Gaussian mixture models	Mittal T., Barthwal A., Koolagudi S.G.		Proceedings - 2nd International Conference on Advanced Computing, Networking and Security, ADCONS 2013			4	0	0	0	0	0	4
2013	Reliability characteristics of a satellite communication system including earth station and terrestrial system	Nagiya K., Mangey R.A.M.	9731318	International Journal of Performability Engineering	9	6	7	3	2	0	5	0	12
2013	A volume flexible inventory model with trapezoidal demand under inflation	Mehrotra K., Dem H., Singh S.R., Sharma R.	18162711	Pakistan Journal of Statistics and Operation Research	9	4	3	0	1	0	1	0	4
2013	Hiding the sink location from the passive attack in WSN	Singh D.P., Goudar R.H., Wazid M.	18777058	Procedia Engineering	64		3	0	0	0	0	0	3
2013	Ranking of searched documents using semantic technology	Agrawal J., Sharma N., Kumar P., Parshav V., Goudar R.H.	18777058	Procedia Engineering	64		6	1	0	0	1	0	7
2013	Low cost pointing device for handwriting task and other hand controlled natural events	Banerjee A., Goudar R.H.	18777058	Procedia Engineering	64		0	0	0	0	0	0	0
2013	Inventory model with cash flow oriented and time-dependent holding cost under permissible delay in payments	Tripathi R.P.	3540243	Yugoslav Journal of Operations Research	23	3	1	0	0	0	0	0	1
2013	Image-based food volume estimation	Xu C., He Y., Parra A., Delp E., Khanna N., Boushey C.		CEA 2013 - Proceedings of the 5th International Workshop on Multimedia for Cooking and Eating Activities			35	6	5	0	11	0	46
2013	Availability, MTTF and cost analysis of a system having two units in series configuration with controller	Singh V.V., Singh S.B., Mangey R., Goel C.K.	9756809	International Journal of System Assurance Engineering and Management	4	4	25	8	5	0	13	0	38
2013	The telegraph equation and its solution by reduced differential transform method	Srivastava V.K., Awasthi M.K., Chaurasia R.K., Tamsir M.	16875591	Modelling and Simulation in Engineering	2013		26	7	6	1	14	0	40

2013	Electrohydrodynamic Kelvin - Helmholtz instability of cylindrical interface through porous media	Dhiman N., Awasthi M.K., Singh M.P.	21525102	International Journal of Fluid Mechanics Research	40	5	1	0	0	0	0	0	1
2013	Viscous potential flow analysis of electroaerodynamic instability of a liquid sheet sprayed with an air stream	Awasthi M.K., Srivastava V.K., Tamsir M.	16875591	Modelling and Simulation in Engineering	2013		3	0	1	0	1	0	4
2013	GPU parallel implementation of B-spline non-rigid grid registration using free-form deformations	Yadav K., Srivastava A., Mittal A., Ansari M.A.	17526418	International Journal of Biomedical Engineering and Technology	11	2	2	0	0	0	0	0	2
2013	On system reliability approaches: A brief survey	Ram M.	9756809	International Journal of System Assurance Engineering and Management	4	2	70	6	11	0	17	0	87
2013	Optimal order policy for time-dependent deteriorating items in response to temporary price discount linked to order quantity	Tripathi R.P., Tomar S.S.	1312885X	Applied Mathematical Sciences	7	57-60	3	0	0	0	0	0	3
2013	Mechanisms involved in hepatoprotection of different herbal products: A Review	Kumar A., Rai N., Kumar N., Gautam P., Kumar J.S.	9757538	International Journal of Research in Pharmaceutical Sciences	4	2	5	0	0	0	0	0	5
2013	GSTT1 null genotype distribution in the kumaun region of Northern India	Bag A., Upadhyay S., Jeena L.M., Pundir P., Jyala N.S.	15137368	Asian Pacific Journal of Cancer Prevention	14	1	2	0	0	0	0	0	2
2013	Effect of diet on feeding and casting activities of earthworms (Drawida nepalensis) and response of crop growth	Dabral M., Joshi N., Maikhuri R.K., Joshi A., Dabral S.P.	5643295	Tropical Ecology	54	3	4	0	1	0	1	0	5
2013	Component based software development in distributed systems	Kumar T.U., Lata N., Chandra D.S., Ashish P.	18650929	Communications in Computer and Information Science	296		0	0	0	0	0	0	0
2013	Performance comparison of on-demand routing protocols for varying traffic	Singh S.	18650929	Communications in Computer and Information Science	296		0	0	0	0	0	0	0
2013	Physicochemical properties and elemental analysis of some non cultivated seed oils collected from Garhwal region, Uttarakhand (India)	Rai I., Bachheti R.K., Joshi A., Pandey D.P.	9744290	International Journal of ChemTech Research	5	1	5	1	5	1	7	0	12
2013	Clustered-dot halftoning with direct binary search	Goyal P., Gupta M., Staelin C., Fischer M., Shacham O., Allebach J.P.	10577149	IEEE Transactions on Image Processing	22	2	28	4	2	0	6	0	34
2013	Viscous potential flow analysis of capillary instability with heat and mass transfer through porous media	Awasthi M.K., Asthana R.	7351933	International Communications in Heat and Mass Transfer	40	1	25	1	3	0	4	0	29
2012	Issues on machine learning for prediction of classes among molecular sequences of plants and animals	Stehlik M., Pant B., Pant K., Pardasani K.R.	0094243X	AIP Conference Proceedings	1479	1	1	0	0	0	0	0	1
2012	Analysis of variation of THz emission angle in periodically poled lithium niobate	Farooqui M., Dixit N., Kumar V., Kaul A.N., Gupta A.K.		2012 International Conference on Fiber Optics and Photonics, PHOTONICS 2012			0	0	0	0	0	0	0
2012	Analysis of top and bottom contact organic transistor performance for different technology nodes	Mittal P., Negi Y.S., Singh R.K.		Proceedings - 2012 International Symposium on Electronic System Design, ISED 2012			1	0	0	0	0	0	1
2012	A new automated procedure for estimation of evapotranspiration for universal acceptance	Prasad R.S.		Proceedings - 2012 7th International Conference on System of Systems Engineering, SoSE 2012			1	0	0	0	0	0	1
2012	Behavior of steels against corrosion in peroxide solutions	Sharma A., Kumar V.	20282508	Journal of Materials and Environmental Science	3	1	9	1	0	0	1	0	10
2012	Cluster and super cluster based intrusion detection and prevention techniques for JellyFish Reorder Attack	Wazid M., Katal A., Goudar R.H.		Proceedings of 2012 2nd IEEE International Conference on Parallel, Distributed and Grid Computing, PDGC 2012			9	0	1	0	1	0	10
2012	Comparative performance analysis of routing protocols in mobile ad hoc networks under JellyFish attack	Wazid M., Kumar V., Goudar R.H.		Proceedings of 2012 2nd IEEE International Conference on Parallel, Distributed and Grid Computing, PDGC 2012			6	0	0	0	0	0	6
2012	Design of adaptive question bank development and management system	Purohit V.K., Kumar A., Jabeen A., Srivastava S., Goudar R.H., Shivanagowda, Rao S.		Proceedings of 2012 2nd IEEE International Conference on Parallel, Distributed and Grid Computing, PDGC 2012			9	2	3	0	5	0	14
2012	Modeling evapotranspiration: Some issues resolved	Prasad R.S.		2012 Annual IEEE India Conference, INDICON 2012			0	0	0	0	0	0	0
2012	Identification of climate data in ANN applications for estimation of evapotranspiration	Prasad R.S.		2012 Annual IEEE India Conference, INDICON 2012			2	0	0	0	0	0	2
2012	Design of detection engine for wormhole attack in Adhoc network environment	Shahnawaz H., Joshi R.C., Gupta S.C.	9754024	International Journal of Engineering and Technology	4	6	4	0	0	0	0	0	4
2012	CCCDBA based implementation of sixth order band pass filter	Vishal R., Saurabh M., Singh R.K., Chauhan D.S.	18678211	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering	108		0	0	0	0	0	0	0
2012	CCCDBA based implementation of voltage mode third order filters	Vishal R., Saurabh M., Singh R.K., Chauhan D.S.	18678211	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering	108		1	1	0	0	1	0	2
2012	Oil content variation and physico-chemical properties of Jatropha curcus seed oil collected from Kumaun region of Uttarakhand, India	Joshi A., Singhal P.K., Bachheti R.K.	0972768X	International Journal of Chemical Sciences	10	4	3	1	0	0	1	0	4
2012	Forensic analysis of E-mail date and time spoofing	Mishra P., Pilli E.S., Joshi R.C.		Proceedings of the 2012 3rd International Conference on Computer and Communication Technology, ICCCT 2012			6	0	2	0	2	0	8
2012	Assessment of phytochemical and biological potentials of Bauhinia Variegata L.	Singh R., Bachheti R.K., Saraswat S., Singh S.K.	9752366	International Journal of Pharmaceutical Research	4	1	2	0	0	0	0	0	2
2012	Lp-approximation by bézier variant of certain summation-integral type operators	Gairola A.R., Dobhal G.	16860209	Thai Journal of Mathematics	10	3	0	0	0	0	0	0	0
2012	Genetic algorithm solution for a convex hydro-thermal generation scheduling	Bisht V.S., Shah G., Kushwaha N., Gupta V.		Proceedings - 4th International Conference on Computational Intelligence and Communication Networks, CICN 2012			4	0	0	0	0	0	4
2012	Channel length variation effect on performance parameters of organic field effect transistors	Mittal P., Kumar B., Negi Y.S., Kaushik B.K., Singh R.K.	262692	Microelectronics Journal	43	12	70	7	8	2	17	0	87

2012	Corrosion investigations due to increased sulfidity in digester house of paper mill	Sharma A., Sulaxna, Singh A.K.	20282508	Journal of Materials and Environmental Science	3	6	4	0	0	0	0	0	4
2012	Performance of a LAN under different Ethernet wiring standards	Wazid M., Singh Sachan R., Goudar R.H.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0
2012	Improving network security and design using honeypots	Tiwari R., Jain A.		ACM International Conference Proceeding Series			8	0	0	0	0	0	8
2012	Voice conversion using linear prediction coefficients and artificial neural network	Bharti S.K., Koolagudi S.G., Rao K.S., Choudhary A., Kumar B.		ACM International Conference Proceeding Series			2	0	0	0	0	0	2
2012	Speaker recognition in the case of emotional environment using transformation of speech features	Koolagudi S.G., Fatima S.E., Sreenivasa Rao K.		ACM International Conference Proceeding Series			5	1	3	0	4	0	9
2012	Electrochemical studies of stainless steel corrosion in peroxide solutions	Singh A.K., Chaudhary V., Sharmac A.	8721904	Portugaliae Electrochimica Acta	30	2	12	1	0	0	1	0	13
2012	Real life emotion classification from speech using gaussian mixture models	Koolagudi S.G., Barthwal A., Devliyal S., Sreenivasa Rao K.	18650929	Communications in Computer and Information Science	306		5	0	0	0	0	0	5
2012	Spoken language identification using spectral features	Koolagudi S.G., Rastogi D., Rao K.S.	18650929	Communications in Computer and Information Science	306		7	1	0	0	1	0	8
2012	Emotion recognition from semi natural speech using artificial neural networks and excitation source features	Koolagudi S.G., Devliyal S., Barthwal A., Sreenivasa Rao K.	18650929	Communications in Computer and Information Science	306		6	0	0	0	0	0	6
2012	Telephonic vowel recognition in the case of english vowels	Thakur S.N., Singh M.K., Barthwal A.	18650929	Communications in Computer and Information Science	306		0	0	0	0	0	0	0
2012	Viscous potential flow analysis of nonlinear rayleigh-taylor instability with heat and mass transfer	Awasthi M.K., Asthana R., Agrawal G.S.	9380108	Microgravity Science and Technology	24	5	10	0	1	0	1	0	11
2012	A more multifactor secure authentication scheme based on graphical authentication	Joshi A., Kumar S., Goudar R.H.		Proceedings - 2012 International Conference on Advances in Computing and Communications, ICACC 2012			7	1	0	0	1	0	8
2012	Regional variability of rain drop size distribution model in India	Vidyarthi A., Jassal B.S., Gowri R., Shukla A.K.	19376480	Progress in Electromagnetics Research Letters	34		17	0	0	0	0	0	17
2012	Black hole attack in AODV & friend features1unique extraction to design detection engine for intrusion detection system in mobile adhoc network	Shahnawaz H., Gupta S.C.	18234690	Journal of Engineering Science and Technology	7	5	1	0	0	0	0	0	1
2012	A comparative study of numerical techniques and homotopy perturbation method for solving parabolic equation and nonlinear equations	Grover D., Kumar V., Sharma D.	15502287	International Journal for Computational Methods in Engineering Science and Mechanics	13	6	5	1	0	0	1	0	6
2012	Secret information display based authentication technique towards preventing phishing attacks	Varshney G., Sardana A., Joshi R.C.		ACM International Conference Proceeding Series			6	0	1	0	1	0	7
2012	Physico-chemical and elemental analysis of ash of some medicinal plants from Garhwal region, Uttarakhand, India by atomic absorption spectrophotometer (AAS)	Bachheti R.K., Rai I., Joshi A., Pandey D.P., Sharma A.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	4	4	4	0	0	0	0	0	4
2012	Effects of grain boundaries on the performance of polycrystalline silicon solar cells	Joshi D.P., Sharma K.	195596	Indian Journal of Pure and Applied Physics	50	9	8	2	1	1	4	0	12
2012	Ontology based retrieval for medical images using low level feature extraction	Singh P., Rathore R., Chauhan R., Goudar R., Rao S.	18650929	Communications in Computer and Information Science	305		2	0	1	0	1	0	3
2012	MotherOnt: A global grid environment for interconnecting the ontologies semantically to enable the effective semantic search	Rathore R., Goudar R., Rao S., Singh P., Chauhan R.	18650929	Communications in Computer and Information Science	305		0	0	0	0	0	0	0
2012	Vowel recognition from telephonic speech using MFCCs and Gaussian mixture models	Koolagudi S.G., Thakur S.N., Barthwal A., Singh M.K., Rawat R., Sreenivasa Rao K.	18650929	Communications in Computer and Information Science	305		2	1	1	0	2	0	4
2012	Speaker recognition in emotional environment	Koolagudi S.G., Sharma K., Sreenivasa Rao K.	18650929	Communications in Computer and Information Science	305		15	0	2	1	3	0	18
2012	Ontology based automatic query expansion for semantic information retrieval in sports domain	Chauhan R., Goudar R., Rathore R., Singh P., Rao S.	18650929	Communications in Computer and Information Science	305		6	0	1	0	1	0	7
2012	Prospects and limitations of Organic Thin Film Transistors (OTFTs)	Kaushik B.K., Kumar B., Negi Y.S., Mittal P.	18675662	Advances in Intelligent and Soft Computing	167	2	11	3	3	0	6	0	17
2012	Comparative analysis of in vitro antibacterial activity of extracts of Viola patrinii on pathogenic microorganisms	Yousuf S., Bachheti R.K., Joshi A., Mehraj-ud-din Bhat	9757538	International Journal of Research in Pharmaceutical Sciences	3	3	5	1	0	0	1	0	6
2012	Robust segmentation of moving vehicles under complex outdoor conditions	Gangodkar D., Kumar P., Mittal A.	15249050	IEEE Transactions on Intelligent Transportation Systems	13	4	19	3	0	0	3	0	22
2012	Development and characterization of microwave composite cladding	Gupta D., Bhovi P.M., Sharma A.K., Dutta S.	15266125	Journal of Manufacturing Processes	14	3	46	9	15	3	27	0	73
2012	Creating Silicon Valley in Europe: Public Policy Towards New Technology Industries	Sharma M., Joshi S.	3068293	International Journal of Social Economics	39	9	0	0	0	0	0	0	0
2012	Analytical modeling and staggered-planar structural analysis for organic field effect transistor	Kumar B., Mittal P., Saxena S., Kaushik B.K., Negi Y.S., Varma G.D.		2012 IEEE International Conference on Signal Processing, Computing and Control, ISPCC 2012			0	0	0	0	0	0	0
2012	A system for mobile assisted living	Aggarwal A., Joshi R.C.		Proceedings of 2012 9th IEEE International Conference on Networking, Sensing and Control, ICNSC 2012			4	0	0	0	0	0	4
2012	Fatty acid composition and elemental analysis of seed oil of tectona grandis collected from Dehradun, Uttarakhand, India	Bachheti R.K., Sharma A., Rai I., Joshi A., Mamgain R.	9744290	International Journal of ChemTech Research	4	3	1	1	0	0	1	0	2
2012	Linear three dimensional thermal stability of a viscous fluid in rotating cubical cavity	Dhiman N., Singh M.P., Chauhan S., Gill F.S.	9734686	Advances and Applications in Fluid Mechanics	12	1	0	0	0	0	0	0	0
2012	Modeling and structural analysis of organic field effect transistor	Kumar B., Mittal P., Saxena S., Kaushik B.K., Negi Y.S., Varma G.D.		Proceedings - International Conference on Communication Systems and Network Technologies, CSNT 2012			2	0	0	0	0	0	2
2012	Performance of AODV routing protocol with increasing the MANET nodes and its effects on QoS of mobile ad hoc networks	Bagwari A., Jee R., Joshi P., Bisht S.		Proceedings - International Conference on Communication Systems and Network Technologies, CSNT 2012			20	0	32	0	32	0	52
2012	Ecosecurity energy harvesting using piezoelectric crystal	Govind K., Pahwa A., Aggarwal N., Balodhi V.		2012 Students Conference on Engineering and Systems, SCES 2012			0	0	0	0	0	0	0

2012	Information storage on the cloud: A survey of effective storage management system	Katal A., Gupta N., Sharma S., Goudar R.H.		2012 Students Conference on Engineering and Systems, SCES 2012			6	1	0	0	1	0	7
2012	Homologous Recombination is Activated at Early Time Points Following Exposure to Cobalt Chloride Induced Hypoxic Conditions in Saccharomyces cerevisiae	Meena R.C., Kumar N., Nath S., Chakrabarti A.	468991	Indian Journal of Microbiology	52	2	7	1	0	0	1	0	8
2012	Top and bottom gate polymeric thin film transistor analysis through two dimensional numerical device simulation	Kumar B., Mittal P., Negi Y.S., Kaushik B.K.	18675662	Advances in Intelligent and Soft Computing	131	2	0	0	0	0	0	0	0
2012	A robust thinning algorithm for straightening of curved text line	Singh B., Goswami S., Goyal P., Mittal A.	18675662	Advances in Intelligent and Soft Computing	131	2	1	0	0	0	0	0	1
2012	Determining most visited locations based on temporal grouping of GPS data	Srivastava S., Ahuja S., Mittal A.	18675662	Advances in Intelligent and Soft Computing	131	2	2	0	0	0	0	0	2
2012	A comparative study of different approaches of noise removal for document images	Singh B., Mridula, Chand V., Mittal A., Ghosh D.	18675662	Advances in Intelligent and Soft Computing	130	1	2	0	0	0	0	0	2
2012	Efficient variable size template matching using fast normalized cross correlation on multicore processors	Gangodkar D., Gupta S., Gill G.S., Kumar P., Mittal A.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	7135		3	0	2	0	2	0	5
2012	Performance evaluation of a copper omega type Coriolis mass flow sensor with an aid of ANFIS tool	Patil P.P., Sharma S.C., Jain S.C.	9574174	Expert Systems with Applications	39	5	6	0	1	0	1	0	7
2012	Physico-chemical study of seed oil of Prunus armeniaca L. grown in Garhwal region (India) and its comparison with some conventional food oils	Bachheti R.K., Rai I., Joshi A., Rana V.	19854668	International Food Research Journal	19	2	26	2	3	1	6	0	32
2012	ANN based scheme to predict number of zombies in a DDoS attack	Gupta B.B., Joshi R.C., Misra M.	1816353X	International Journal of Network Security	14	2	41	3	1	0	4	0	45
2012	Response surface modeling of vibrating omega tube (Copper) electromechanical Coriolis mass flow sensor	Patil P.P., Sharma S.C., Jain S.C.	9574174	Expert Systems with Applications	39	4	6	0	1	0	1	0	7
2012	An appraisal of compressive force path concept	Singh B., Jangir N.K.	9700137	Journal of Structural Engineering (Madras)	38	6	0	0	0	0	0	0	0
2012	An efficient coordinated checkpointing approach for distributed computing systems with reliable channels	Awasthi L.K., Misra M., Joshi R.C.	1206212X	International Journal of Computers and Applications	34	1	3	0	0	0	0	0	3
2012	Analysis of Variation of THz Emission Angle in Periodically Poled Lithium Niobate	Farooqui M., Dixit N., Kumar V., Kaul A.N., Gupta A.K.	21622701	Optics InfoBase Conference Papers			0	0	0	0	0	0	0
2012	An inventory model with shortage and exponential demand rate under permissible delay in payments	Tripathi R.P.	17509653	International Journal of Management Science and Engineering Management	7	2	9	0	0	1	1	0	10
2012	Recognition of emotions from speech using excitation source features	Koolagudi S.G., Devliyal S., Chawla B., Barthwaf A., Rao K.S.	18777058	Procedia Engineering	38		7	1	1	0	2	0	9
2012	Real life emotion classification using spectral features and gaussian mixture models	Koolagudi S.G., Barthwal A., Devliyal S., Rao K.S.	18777058	Procedia Engineering	38		4	0	1	0	1	0	5
2012	Identification of language using mel-frequency cepstral coefficients (MFCC)	Koolagudi S.G., Rastogi D., Rao K.S.	18777058	Procedia Engineering	38		44	6	9	0	15	0	59
2012	University wide M-learning using cloud environment	Kumar A., Pilli E.S.		Proceedings - 2012 International Symposium on Cloud and Services Computing, ISCOS 2012			2	0	0	0	0	0	2
2012	Cloud forensics: State-of-the-art and research challenges	Mishra A.K., Matta P., Pilli E.S., Joshi R.C.		Proceedings - 2012 International Symposium on Cloud and Services Computing, ISCOS 2012			13	1	1	0	2	0	15
2012	Investigation on microstructural characterization of microwave cladding	Gupta D., Sharma A.K., Link G., Thumm M.	10421122	Ceramic Transactions	234		1	0	0	0	0	0	1
2012	Mathematical model and computer simulation of three dimensional thin film elliptic interface problems	Joshi P., Kumar M.	8981221	Computers and Mathematics with Applications	63	1	4	0	0	0	0	0	4
2012	SVM model for prediction and classification of Drosophila based on nucleotide composition	Singh A., Joshi K., Pant B.	10226680	Advanced Materials Research	403-408		0	0	0	0	0	0	0
2011	QoS by multiple cluster head gateway approach in mobile ad hoc network	Anzar A., Shahnwaz H., Gupta S.C.		Proceedings - 2011 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery, CyberC 2011			2	0	0	0	0	0	2
2011	Estimating strength of a DDoS attack in real time using ANN based scheme	Agrawal P.K., Gupta B.B., Jain S., Pattanshetti M.K.	18650929	Communications in Computer and Information Science	157		1	1	4	0	5	0	6
2011	Vertical organic thin film transistor to achieve sub ten micron channel length devices	Khan A.R., Yadav S.C., Chauhan S.S., Kumar B., Kaushik B.K., Negi Y.S., Iyer S.S.K.		2011 2nd International Conference on Computer and Communication Technology, ICCCT-2011			3	0	0	0	0	0	3
2011	Denial of Service attack in AODV & friend features extraction to design detection engine for intrusion detection system in Mobile Adhoc Network	Shahnawaz H., Gupta S.C., Mukesh C.		2011 2nd International Conference on Computer and Communication Technology, ICCCT-2011			8	0	0	0	0	0	8
2011	Pressure monitoring in wireless sensor network using Zigbee transceiver module	Singh R., Mishra S., Joshi P.		2011 2nd International Conference on Computer and Communication Technology, ICCCT-2011			7	0	0	0	0	0	7
2011	Various PSK modulation schemes for wireless communication	Kumar M., Tripathi S., Vidyarathi A., Mohanty S., Gowri R.		2011 2nd International Conference on Computer and Communication Technology, ICCCT-2011			1	0	1	0	1	0	2
2011	An architecture for integrating mobile ad hoc network and the Internet using cluster head gateway mechanism	Bagwari A., Quamar D., Singh S.		2011 2nd International Conference on Computer and Communication Technology, ICCCT-2011			0	0	0	0	0	0	0
2011	Policy decisions for a price dependent demand rate inventory model with progressive payments scheme	Kumar M., Kumar R.	15493644	Journal of Mathematics and Statistics	8	1	2	0	0	0	0	0	2
2011	Medicinal uses of chlorophyll: A critical overview	Mishra V.K., Bacheti R.K., Husen A.		Chlorophyll: Structure, Production and Medicinal Uses			23	5	13	1	19	0	42
2011	Free surface undulation and air entrainment in a rectangular tank	Prajapati Y.K., Gupta P.K., Kumar A.	9734562	International Journal of Applied Engineering Research	6	4	0	0	0	0	0	0	0

2011	Miniaturized Wilkinson power divider with harmonic suppression with stubs	Gowri R., Mohanty S., Vidyarthi A.		2011 IEEE Applied Electromagnetics Conference, AEMC 2011			3	0	0	0	0	0	3
2011	Modeling of rain drop size distribution for a tropical hot semi-arid site in India	Jassal B.S., Vidyarthi A., Gowri R., Shukla A.K.	3678393	Indian Journal of Radio and Space Physics	40	6	14	0	0	0	0	0	14
2011	Multiclass SVM model for prediction and classification of ribonucleases	Pant B., Pant K., Pardasani K.R.	9738363	International Journal of Integrative Biology	12	1	2	0	0	0	0	0	2
2011	Comparative study of directional antenna gain for MANET nodes and cluster head gateway in integrated mobile Adhoc network	Bagwari A., Jee R., Tiwari R., Kumar A.		ICIIP 2011 - Proceedings: 2011 International Conference on Image Information Processing			0	0	0	0	0	0	0
2011	Comparison between empirical lognormal and gamma rain drop-size distribution models for Indian region	Vidyarthi A., Jassal B.S., Gowri R., Shukla A.K.		Asia-Pacific Microwave Conference Proceedings, APMC			7	0	2	0	2	0	9
2011	On a general sequence of Durrmeyer operators	Gairola A.R., Dobhal G.	12236934	Annals of the University of Craiova, Mathematics and Computer Science Series	38	4	0	0	0	0	0	0	0
2011	Near optimum detection of TCM signals in coloured noise	Singh P., Vasudevan K.		2011 IEEE 5th International Conference on Internet Multimedia Systems Architecture and Application, IMSAA 2011 - Conference Proceedings			0	0	0	0	0	0	0
2011	An algorithm for estimation of optimal 'k' in ridge regression applied in modeling evapotranspiration	Prasad R.S.		Proceedings - 2011 Annual IEEE India Conference: Engineering Sustainable Solutions, INDICON-2011			2	0	0	0	0	0	2
2011	Antimicrobial activity of medicinal plants-Azadirachta indica A. Juss, Allium cepa L. and Aloe vera L	Grover A., Bhandari B.S., Rai N.	9744304	International Journal of PharmTech Research	3	2	12	2	0	0	2	0	14
2011	Evaluation of phytochemical and antibacterial activity of hot and cold methanolic extract of leaves and whole plant of Andrographis paniculata	Sharma M., Sharma R.G., Rawat R.D., Sharma N.	0972768X	International Journal of Chemical Sciences	9	3	0	0	0	0	0	0	0
2011	Enhancing the MANET nodes of hierarchical architecture for communication between mobile ad hoc network and internet using cluster head gateway	Bagwari A., Jee R.		Proceedings - 2011 International Conference on Computational Intelligence and Communication Systems, CICN 2011			1	0	0	0	0	0	1
2011	Cluster head gateway approach using in integrated mobile ad hoc network	Bagwari A., Bisht S.		2011 IEEE Recent Advances in Intelligent Computational Systems, RAICS 2011			2	0	0	0	0	0	2
2011	Organic thin film transistors characteristics parameters, structures and their applications	Kumar B., Kaushik B.K., Negi Y.S., Mittal P., Mandal A.		2011 IEEE Recent Advances in Intelligent Computational Systems, RAICS 2011			10	3	5	0	8	0	18
2011	SVM based scheme for predicting number of zombies in a DDoS attack	Agrawal P.K., Gupta B.B., Jain S.		Proceedings - 2011 European Intelligence and Security Informatics Conference, EISIC 2011			11	3	3	1	7	0	18
2011	A comparative study of distributed denial of service attacks, intrusion tolerance and mitigation techniques	Mishra A., Gupta B.B., Joshi R.C.		Proceedings - 2011 European Intelligence and Security Informatics Conference, EISIC 2011			34	3	8	0	11	0	45
2011	Study the effect of substrate thickness and permittivity on patch antenna	Rathi V., Rawat S., Pokhariya H.S.		2011 IEEE International Conference on Signal Processing, Communications and Computing, ICSPCC 2011			3	0	0	0	0	0	3
2011	A recent survey on DDoS attacks and defense mechanisms	Srivastava A., Gupta B.B., Tyagi A., Sharma A., Mishra A.	18650929	Communications in Computer and Information Science	203		50	8	10	2	20	0	70
2011	High performance control of Stewart platform manipulator using sliding mode control with synchronization error	Shiferaw D., Jain A., Mitra R.	21561664	International Journal of Intelligent Mechatronics and Robotics	1	4	3	0	0	0	0	0	3
2011	Mining Genomic Patterns in Mycobacterium tuberculosis H37Rv Using a Web Server Tuber-Gene	Rishishwar L., Pant B., Pant K., Pardasani K.R.	16720229	Genomics, Proteomics and Bioinformatics	9	4-5	2	0	0	0	0	0	2
2011	In vitro antibacterial screening of different extracts of Morina Longifolia on pathogenic microorganisms	Yousuf S., Bachheti R.K., Joshi A., Bhat M.	9751491	International Journal of Pharmacy and Pharmaceutical Sciences	3	4	12	0	0	0	0	0	12
2011	A study of service quality and customer satisfaction across various service providers in the telecom sector	Joshi S.	9738703	Indian Journal of Marketing	41	9	9	0	0	0	0	0	9
2011	Phytochemistry, ethnobotany and pharmacology of Swertia chirata	Kweera B., Sharma N.	9754261	Medicinal Plants	3	3	2	0	0	0	0	0	2
2011	Model Predictive Control of Important Parameters in a Paper Machine Headbox	Juneja P.K., Ray A.K., Mitra R.	194506	Indian Chemical Engineer	53	3	7	0	0	0	0	0	7
2011	Organic Thin Film Transistor architecture, parameters and their applications	Mittal P., Kumar B., Negi Y.S., Kaushik B.K., Singh R.K.		Proceedings - 2011 International Conference on Communication Systems and Network Technologies, CSNT 2011			24	0	1	0	1	0	25
2011	A hierarchical architecture for Mobile ad hoc Network with internet using cluster head gateway	Gowri R., Bagwari A.		Proceedings - 2011 International Conference on Communication Systems and Network Technologies, CSNT 2011			3	0	0	0	0	0	3
2011	On estimating strength of a DDoS attack using polynomial regression model	Gupta B.B., Agrawal P.K., Mishra A., Pattanshetti M.K.	18650929	Communications in Computer and Information Science	193	4	2	0	0	0	0	0	2
2011	Equilibrium structure of differentially rotating and tidally distorted polytropic gaseous spheres	Kumar S., Lal A.K., Singh V.P., Saini S.	17467233	World Journal of Modelling and Simulation	7	3	4	2	0	0	2	0	6
2011	Key authentication for MANET security	Kumar V., Sharma R., Kush A.	18650929	Communications in Computer and Information Science	169		1	0	0	0	0	0	1
2011	Characterization of various coplanar waveguide discontinuities	Gowri R., Mohanty S., Vidyarthi A., Tripati S.		ICMTCE2011 - Proceedings 2011 IEEE International Conference on Microwave Technology and Computational Electromagnetics			2	0	0	0	0	0	2

2011	Modeling of rain drop-size distribution for Indian region	Vidyarthi A., Jassal B.S., Gowri R.		ICMTCE2011 - Proceedings 2011 IEEE International Conference on Microwave Technology and Computational Electromagnetics			7	0	0	0	0	0	7
2011	Phytochemical analysis of aerial parts of ixora paviflora	Bachheti R.K., Pandey D.P., Joshi A., Rana V., Rai I.	9744290	International Journal of ChemTech Research	3	3	5	0	0	0	0	0	5
2011	Effect of Lovastatin on lipoprotein lipid peroxidation and antioxidant status in inflammation induced hyperlipidemic rats	Chhetri S., Khan A., Rathore N.S., Ishaq F., Chandel A.S., Malhotra D.	9757384	Journal of Chemical and Pharmaceutical Research	3	3	7	0	0	0	0	0	7
2011	Characteristics and applications of Polymeric Thin Film Transistor: Prospects and challenges	Kumar B., Kaushik B.K., Negi Y.S., Mittal P.		2011 International Conference on Emerging Trends in Electrical and Computer Technology, ICETECT 2011			13	3	1	0	4	0	17
2011	Comparision of joint space and task space integral sliding mode controller implementations for a 6dof parallel robot	Shiferaw D., Jain A.		11th WSEAS International Conference on Robotics, Control and Manufacturing Technology, ROCOM'11, 11th WSEAS International Conference on Multimedia Systems and Signal Processing, MUSP'11			4	2	0	0	2	0	6
2011	Analysis of delay & throughput in MANET for DSR protocol	Manoj K., Kumar R., Arti K.	2010376X	World Academy of Science, Engineering and Technology	77		1	0	0	0	0	0	1
2011	Foreign institutional investment in Indian capital market: A study of last one Decade	Bohra N.S., Dutt A.	14502887	International Research Journal of Finance and Economics	68		2	0	0	0	0	0	2
2011	Predicting number of zombies in a DDoS attack using ANN based scheme	Gupta B.B., Joshi R.C., Misra M., Jain A., Juyal S., Prabhakar R., Singh A.K.	18650929	Communications in Computer and Information Science	147		2	1	0	0	1	0	3
2011	A model for detection, classification and identification of spam mails using decision tree algorithm	Pandey H., Pant B., Pant K.	18650929	Communications in Computer and Information Science	147		1	0	0	0	0	0	1
2011	Comparative Study Of Phytochemical And Antibacterial Activity Of Andrographis Paniculata At Two Different Stages Of Life Cycle Of Crop	Sharma M., Rawat R.D., Sharma R.G., Mahmood Z.	9725075	Biochemical and Cellular Archives	11	1	0	0	0	0	0	0	0
2011	Development of strategy of wet end retention control through simulation of classical PID and artificial neural network models	Kumar R., Juneja P., Ray A.K.	3795462	IPPTA: Quarterly Journal of Indian Pulp and Paper Technical Association	23	2	0	0	0	0	0	0	0
2011	Phytochemical analysis of abutilon Indicum	Pandey D.P., Rather M.A., Nautiyal D.P., Bachheti R.K.	9744290	International Journal of ChemTech Research	3	2	10	0	1	0	1	0	11
2011	Oil content variation and antimicrobial activity of eucalyptus leaves oils of three different species of dehradun, Uttarakhand, India	Bachheti R.K., Joshi A., Singh A.	9744290	International Journal of ChemTech Research	3	2	11	3	3	0	6	0	17
2011	Analysis of the reliability of a three-omponent system with two repairmen	Singh S.B., Ram M., Chaube S.	17281431	International Journal of Engineering, Transactions A: Basics	24	4	11	1	0	0	1	0	12
2011	An efficient partial domain enriched element-free Galerkin method criterion for cracks in nonconvex domains	Singh I.V., Mishra B.K., Pant M.	17939623	International Journal of Modeling, Simulation, and Scientific Computing	2	3	3	0	0	0	0	0	3
2011	Performance optimization of aluminium (U) type vibration based electromechanical Coriolis mass flow sensor using response surface methodology	Patil P.P., Sharma S.C., Mishra R.	13921207	Mechanika	17	3	1	0	0	0	0	0	1
2011	A new arylnaphthalide lignan from justicia prostrata gamble	Pandey D.P., Nautiyal D.P., Rather M.A., Bachheti R.K.	9707077	Asian Journal of Chemistry	23	5	3	0	0	0	0	0	3
2011	Chemical Analysis of Aerial Parts of Justicia gendarussa	Bachheti R.K., Pandey D.P., Joshi A., Rana V.	9744290	International Journal of ChemTech Research	3	1	8	1	0	0	1	0	9
2010	A proposed model for intrusion detection system for mobile adhoc network	Shahnawaz H., Gupta S.C., Mukesh C., Mandoria H.L.		2010 International Conference on Computer and Communication Technology, ICCCT-2010			11	0	0	0	0	0	11
2010	Harmful effects of mobile phone waves on blood tissues of the human body	Kumar V., Ahmad M., Sharma A.K.	13010883	Eastern Journal of Medicine	15	3	4	3	3	0	6	0	10
2010	ASSR Fair Load Distribution Using Efficiency Division Factor with Greedy Booster Approach for MANET	Anzaar A., Shahnawaz H., Mukesh C., Gupta S.C., Gowri R.	18650929	Communications in Computer and Information Science	101		0	0	0	0	0	0	0
2010	"Simulation study for performance comparison of routing protocols in mobile Adhoc network"	Anzaar A., Shahnawaz H., Mukesh C., Gupta S.C., Gowri R., Mandoria H.L.	2010376X	World Academy of Science, Engineering and Technology	46		0	0	0	0	0	0	0
2010	Analysis of technique to extract data from the web for improved performance	Gupta N., Singh M.	0094243X	AIP Conference Proceedings	1324		0	0	0	0	0	0	0
2010	Design of level control loop for bleach plant using freelance-2000 controller	Rajesh K., Ray A.K.		AIChE Annual Meeting, Conference Proceedings			0	0	0	0	0	0	0
2010	Phytochemical analysis of Tamrix Gallica	Pandey D.P., Karnatak K.B., Singh R.P., Rather M.A., Bachheti R.K., Chand S.	9744304	International Journal of PharmTech Research	2	4	1	0	0	0	0	0	1
2010	Innovative atmosphere relating to success factors of entrepreneurial managers in the organization agility-an empirical study	Dubey R., Ghai S.	17572223	International Journal of Innovation Science	2	3	2	1	0	0	1	0	3
2010	A fuzzy logic control scheme for a solar photovoltaic system for a maximum power point tracker	Ansari M.F., Chatterji S., Iqbal A.	14786451	International Journal of Sustainable Energy	29	4	34	3	1	0	4	0	38
2010	Availability, MTTF and cost analysis of complex system under preemptive-repeat repair discipline using Gumbel-Hougaard family copula	Ram M., Singh S.B.	0265671X	International Journal of Quality and Reliability Management	27	5	38	1	3	0	4	0	42
2010	Analysis of a complex system with common cause failure and two types of repair facilities with different distributions in failure	Ram M., Singh S.B.	1479389X	International Journal of Reliability and Safety	4	4	28	6	0	1	7	0	35
2010	Automatic maximum power point tracker for solar PV modules using dSPACE software	Ansari M.F., Chatterji S., Iqbal A.	14786451	International Journal of Sustainable Energy	29	3	7	0	0	0	0	0	7
2009	A study to investigate the reasons for bank frauds and the implementation of preventive security controls in indian banking industry	Khanna A., Arora B.	17530296	International Journal of Business Science and Applied Management	4	3	17	1	5	0	6	0	23
2009	A model of electrical conduction across the grain boundaries in polycrystalline-silicon thin film transistors and metal oxide semiconductor field effect transistors	Sharma K., Joshi D.P.	218979	Journal of Applied Physics	106	2	9	1	0	0	1	0	10

2009	Grain boundary recombination and efficiency of polycrystalline silicon solar cells	Sharma K., Joshi D.P., Bhatt D.P.		2009 International Conference on Emerging Trends in Electronic and Photonic Devices and Systems, ELECTRO '09			0	0	0	0	0	0	0
2009	Investigation of fiber-modified bituminous mixes	Kumar P., Mehndiratta H.C., Immadi S.	3611981	Transportation Research Record		2126	4	2	1	0	3	0	7
2008	C-band single diode mixer with ultra high LO/RF and LO/IF isolation	Gowri R., Raghavan S.		2008 International Conference of Recent Advances in Microwave Theory and Applications, MICROWAVE 2008			1	0	0	0	0	0	1
2006	On the mobility, turn-on characteristics and activation energy of polycrystalline silicon thin-film transistors	Gupta N., Tyagi B.P.	406090	Thin Solid Films	504	1-2	3	0	0	0	0	0	3
2005	Effect of inversion layer thickness on the activation energy and turn-on characteristics of polysilicon thin-film transistors	Gupta N., Tyagi B.P.	2179792	International Journal of Modern Physics B	19	4	3	0	0	0	0	0	3
2005	On-current modeling of polycrystalline silicon thin-film transistors	Gupta N., Tyagi B.P.	318949	Physica Scripta	72	4	12	2	0	0	2	0	14
2005	An analytical model of the influence of grain size on the mobility and transfer characteristics of polysilicon Thin-Film Transistors (TFTs)	Gupta N., Tyagi B.P.	318949	Physica Scripta	71	2	13	3	3	0	6	0	19
2004	Mobility model of polysilicon thin-film transistor (poly-Si TFT)	Gupta N., Tyagi B.P.		International Conference on Solid-State and Integrated Circuits Technology Proceedings, ICSICT	2		1	0	0	0	0	0	1
2004	Effect of grain size on the mobility and transfer characteristics of polysilicon thin-film transistors	Gupta N., Tyagi B.P.	195596	Indian Journal of Pure and Applied Physics	42	7	17	0	0	1	1	0	18