

3.4.5 Bibliometrics of the publications during the last Academic year based on average Citation index in Scopus/ Web of Science/ PubMed/ Indian Citation Index

Sr. No.	Title of the Paper	Name of the author(s)	Title of the Journal	Year of Publication	Citation Index
1	Speed Control of 6-Phase PMSM using Fuzzy Controllers	N.V., Ravikumar, N. V.A.; V., Manoj, Vasupalli; N., Kumar Yegireddy, Narendra	E3S Web of Conferences	Jun-24	0
2	Performance Investigation of SRM Based In-wheel Electrical Vehicle	V., Manoj, Vasupalli; H., Chappa, Hemanthakumar; N., Kumar Yegireddy, Narendra	E3S Web of Conferences	Jun-24	0
3	Fault Mitigation in Seven-Level Diode Clamped with Static Switch Based Fourth Leg Inverter Topology for Induction Motor	V., Manoj, Vasupalli; R.S.R., Krishnam Naidu, R. S.R.; M., Ramasekhara Reddy, M.	E3S Web of Conferences	Jun-24	0
4	Non Linear Modelling and Control of Unified Power Flow Controller	N.V., Ravikumar, N. V.A.; V., Manoj, Vasupalli; R.S.R., Krishnam Naidu, R. S.R.	E3S Web of Conferences	Jun-24	0
5	Shunt Active Power Filter with Three Level Inverter using Hysteresis Current Controllers	R., Raghutu, Ramakrishna; V., Manoj, Vasupalli; N., Kumar Yegireddy, Narendra	E3S Web of Conferences	Jun-24	1
6	Novel Control of Wind-PV-Battery based Standalone Supply System with LSTM Controllers	N.V., Ravikumar, N. V.A.; M., Ramasekhara Reddy, M.; V., Manoj, Vasupalli	E3S Web of Conferences	Jun-24	0
7	Novel MPPT of PV System with MIWO Algorithm for Water Pumping Application	R., Raghutu, Ramakrishna; V., Manoj, Vasupalli; N., Kumar Yegireddy, Narendra	E3S Web of Conferences	Jun-24	0
8	TS-Fuzzy Associated DTC of Three Phase Induction Motor Drive for Water Pumping from Single Phase Supply	R., Raghutu, Ramakrishna; V., Manoj, Vasupalli; N., Kumar Yegireddy, Narendra	E3S Web of Conferences	Jun-24	0
9	Axial compressive behavior of recycled aggregate concrete steel composite columns	C., Daniel, C.; C., Sah, Chandan; N., Manikanta, Nijampatnam; D.K., Mandal, Dharendra Kumar; A.K., Jha,	Research on Engineering Structures and Materials	Jun-24	1
10	COSMOLOGICAL DYNAMICS OF ANISOTROPIC KANIADAKIS HOLOGRAPHIC DARK ENERGY MODEL IN BRANS-DICKE	A., Vijaya Prasanthi, A.; G., Suryanarayana, G.; Y., Aditya, Y.; U.Y., Divya Prasanthi, U. Y.	East European Journal of Physics	Jun-24	3
11	A survey of train disasters and safety systems in Indian railways with a focus on signalling and telecommunications	D., Srinivasa Rao, D.	Disaster Advances	Jun-24	0
12	Effect of Multiaxiality on the Stress Rupture Properties of P92 Steel	L., Maddi, LakshmiPrasad; S.R., Gavinola, Srinivas R.; A.R., Ballal, Atul Ramesh	Iranian Journal of Materials Science and Engineering	Jun-24	0
13	A Deep Parallel Hybrid Fusion Model for disaster tweet classification on Twitter data	S.K., Dasari, Siva Krishna; G., Srinivas, Gorla; P.V., Prasad Reddy, P. V.G.D.	Decision Analytics Journal	Jun-24	13
14	Catalytic and structural insights into MoPO/TiO2-ZrO2 catalysts: optimizing esterification for ethyl levulinate production	S., Gadamsetti, Sailaja; S.R., Ginjaipalli, Srinivasa Rao; N.P., Rajan, N. Pethan; B., Viswanadham, Balaga; P., Balla,	Emergent Materials	Jun-24	1
15	Mechanistic insights into chromium ions-doped lithium zinc borate nanosheet photocatalysis for mineral pollutant removal	R., Naveen, Ramiseti; M.C., Rao, M. C.; K., Ravindranadh, Koutavarapu; M.R., Tamtam, Mohan Rao	Materials Science in Semiconductor Processing	Jun-24	4
16	Experimental Study on the Flow Boiling (Two-Phase) Heat Transfer of High-Density Micro-/Nano-Porous Copper-Alumina-	S.K., Gupta, Sanjay Kumar	Arabian Journal for Science and Engineering	Jun-24	2
17	Utilizing Visual Geometry Group (VGG16) and InceptionV3 convolutional Neural Network (CNN) models for accurate	M., Sravani, Meesala; M.K., Murthy, Meesala Krishna; S., Muppidi, Satish	Multimedia Tools and Applications	Jun-24	6
18	Optimization of cement, rice husk ash, and waste plastic additives for stabilizing expansive subgrade soil: a Grey-Taguchi	S.G.P., Suvvari, Siva Gowri Prasad; S., Kandru, Suresh; M., Chappa, Madhu	Journal of Building Pathology and Rehabilitation	Jun-24	3
19	Hydrophobicized cum amine-grafted robust cellulose-based aerogel for CO2 capture	G., Kumar, Gopal; T.K., Dora, Tapas Kumar; D.R., Srinivasa Reddy, Devarapu Reddy	Biomass Conversion and Biorefinery	Jun-24	10
20	Multivalued nonlinear dominated mappings on a closed ball and associated numerical illustrations with applications to nonlinear	T., Rasham, Tahair; S.K., Panda, Sumati Kumari; G.A., Basendwah, Ghada Ali; A., Hussain, Aftab	Heliyon	Jul-24	1
21	The Design of an efficient Bioinspired CNN Model for Automated Malaria Detection in Blood Smear Images	A.K., Choudhary, Ashutosh Kumar; I., Nausheen, Iram; N., Khan, Nariman; B.K., Singh, Brijendra Krishana; S., Purbey,	AIP Conference Proceedings	Jul-24	2
22	Design of an efficient VARMAx model to leverage In-Memory Computing for Faster Big Data Analytics	A.R., Kishore, A. Ravi; S., Purbey, Suniti; A.K., Choudhary, Ashutosh Kumar; B.K., Singh, Brijendra Krishana	AIP Conference Proceedings	Jul-24	0
23	Automatic white blood cells counting using OPENCV	T., Prabhakar, Telagarapu; B.P., Prasad Chapa, Babji Prasad; S.R., Pullanagari, Sahithi Reddy		Jul-24	0
24	Diagnosing Multiple Chest Diseases with Deep Learning: A Comprehensive Approach Using X-ray Images	Y., Nagamani, Yanda; G., Prathyusha, Gudla; J., Kand, Jayanthi; S.E., Kandregula, Sai Eswar	International Journal of Computer Information Systems and Industrial	Jul-24	0
25	Storage Solutions for Sustainable Future: Integrating Batteries, Supercapacitors, and Thermal Storage	V., Guntreddi, Venkataramana; V., Manoj, Vasupalli; M., Ramasekhara Reddy, M.; N., Kumar Yegireddy, Nendra; A.,	E3S Web of Conferences	Jul-24	1
26	Optimal Energy Management and Control Strategies for Electric Vehicles Considering Driving Conditions and Battery	V., Manoj, Vasupalli; V., Guntreddi, Venkataramana; P., Ramana, Pilla; B., Vineela Rathana, Bathula; M., Sasi Kowshik,	E3S Web of Conferences	Jul-24	0
27	Complex-Valued Suprametric Spaces, Related Fixed Point Results, and Their Applications to Barnsley Fern Fractal	S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; R.P., Agarwal, Ravi P.	Fractal and Fractional	Jul-24	6
28	Up-Conversion Behavior of Er3+/Yb3+-Activated Gd2O3 Phosphor for Magnetic Resonance Application	P.K., Yadaw, Praveen Kumar; J., Mitrić, Jelena; N.Ž., Romčević, Nebojša Ž.; V., Dubey, Vikas; N.K., Swamy, N.	Journal of Applied Spectroscopy	Jul-24	3
29	Synthesis and Luminescence Studies of Tb3+-Doped Li2CaSiO4 Phosphor for Optical Device Application	M.P.D., Parimala, Mocharla Purna Durga; M.C., Rao, M. C.; K., Ravindranadh, Koutavarapu; V., Dubey, Vikas	Journal of Applied Spectroscopy	Jul-24	1
30	Remote sensing and machine learning approach for zoning of wastewater drainage system	S., A, Saranya; A., Al Mazroa, Alanoud; M.S., Maashi, Mashael S.; N., T.m, Nithya; V., Priya, V.	Desalination and Water Treatment	Jul-24	3
31	Effect of Cr3+ substitution on the structural and magnetic properties of Co-Cu-Zn nano ferrites	B., Venkata Suresh, Bade; G.V., Seshagiri Rao, G. V.R.; E., Nirmala Devi, E.; G., Nandipati, Govind	Inorganic Chemistry Communications	Jul-24	1
32	Improved sand cat swarm optimization with deep learning based enhanced malicious activity recognition for cybersecurity	R., Devi, Roopa; N.M., Almakayee, Naif Mana; E., Laxmi Lydia, E.	Alexandria Engineering Journal	Jul-24	9
33	Design an image-based sentiment analysis system using a deep convolutional neural network and hyperparameter optimization	B., Anil Kumar, B.; N., Lakshmi, N.; K., Srividya, K.; A., Mary Sowjanya, A.	Multimedia Tools and Applications	Jul-24	2
34	An exact segmentation of affected part in breast cancer using spider monkey optimization and recurrent neural network	M.S., Naidu, M. S.R.; B., Anil Kumar, B.; D., Yugandhar, D.	Multimedia Tools and Applications	Jul-24	2
35	Enhancement of heat dissipation capacity with the application of nano fluids in an internal cooling system	P.L., Pavani, P. Lakshmi; P., Ronanki, Polarao; M.S., Gupta, M. Satyanarayana	International Journal on Interactive Design and Manufacturing	Jul-24	0
36	Post-COVID-19 era: An Enabler for the Implementation of Blended Learning in Compliance With the NEP 2020	V.S.S.S., Gummaturi, Venkata Surya Subrahmanya Sharma; L.P., Chilamkurti, Lvrsv Prasad; K.S., Santa Rao, K. S.	International Journal of Educational Reform	Jul-24	1
37	Co-Pyrolysis and Pyrolysis of Corn-Cob Biomass and Waste Plastic: Comprehensive Study Based on Kinetic and	A.K., Reddy, Anil Kumar; A., Ajay Raj, A.; U.V., Baburao, Upare Vishal; J., Amala, J.; M., Krishna Prasad, M.; S., Suranani,	ChemistrySelect	Aug-24	2
38	Quantum algorithms for network analysis in pathobiology with quantum network medicine	M., Rambabu, M.; S., Kavitha, S.; C., Suganthi, C.; S.B., Tilak Babu, S. B.G.; M.S., Ishi, Manoj S.; M.H., Kulkarni, Mrunalini	ICI Global Scientific Publishing	Aug-24	0
39	Cosmographic analysis of anisotropic Kaniadakis holographic dark energy model	K., Murali, K.; Y., Aditya, Y.; S., Kalesha Vali, Shaik	Modern Physics Letters A	Aug-24	2
40	Study on environmental and social impacts through electric vehicles	T., Surulivel Rajan, T.; C.R., Edwin Selva Rex, C. R.; D.S., Shastri, Dhresh S.; G.B., Naidu, G. B.S.R.; C.S., Kumar, C.	ICI Global Scientific Publishing	Aug-24	13
41	Renewable energy sources for a sustainable worldwide prospective: Forecasting future multi-sector sustainable	S., Katre, Shweta; K., Jayasri, Kotti; N., Joshi, Namra; N., Pawar, Nagorao; S., Pramanik, Sabyasachi; A., Gupta, Ankur	ICI Global Scientific Publishing	Aug-24	0
42	Design of an efficient VARMA GRU LSTM based predictive Trust Model for high-performance Blockchain networks	A.R., Kishore, A. Ravi; A.K., Choudhary, Ashutosh Kumar; B.K., Singh, Brijendra Krishana; S., Purbey, Suniti	Journal of Integrated Science and Technology	Aug-24	3
43	Bioluminescent Imaging For In Vivo Tracking Of Transplanted Stem Cells In Regenerative Medicine	J.R., Ganapa, Jhansi Rani; D., Kuna, Dasanaidu; S., Choudari, Sudheer	Journal of Applied Bioanalysis	Aug-24	1

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44	Retraction Note: Histo-Quartic Graph and Stack Entropy-Based Deep Neural Network Method for Brain and Tumor Segmentation	K., Srividya, K.; B., Anil Kumar, B.; A., Mary Sowjanya, A.	Neural Processing Letters	Aug-24	0
45	Tree-Based Machine Learning and Nelder–Mead Optimization for Optimized Cr(VI) Removal with Indian Gooseberry Seed	K., Lakshmana Rao, K.; D., Krishna, Darapureddi; U.K., Potnuru, Upendra Kumar; M., Mishra, Manohar; S.S.,	Water (Switzerland)	Aug-24	3
46	Design and analysis of Minkowski fractal shaped metasurface absorber with broadband and polarization-insensitive	V.S.D., Rekha, Vutukuri Sarvani Dut; N., Prasad, Nagandla; T.P.M., Boddapati, Taraka Phani Madhav; M.A., Alathbah,	Physica Scripta	Aug-24	1
47	SHUFFLED SHEPHERD SOCIAL POLITICAL OPTIMIZED DEEP LEARNING for RICE LEAF DISEASE CLASSIFICATION and	M., Geetha, M.; R., Velumani, R.; K., Suresh Kumar, K.; T., Daniya, T.	Biomedical Engineering - Applications, Basis and Communications	Aug-24	0
48	Integrating machine learning techniques for Air Quality Index forecasting and insights from pollutant-meteorological	K., Karthick, K.; S.K., Aruna, S. K.; D., R, Dharmaparakash; R., Gokulan, Ravindiran	Earth Science Informatics	Aug-24	7
49	Design of fractal shaped antenna with MBBA LC material dispersed with ZnO nanoparticles for bandwidth improvement	N., Prasad, Nagandla; P.S., Pokkunuri, Pardha Saradhi; T.P.M., Boddapati, Taraka Phani Madhav; G.V., Ganesh, G.	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences	Aug-24	1
50	Efficiency and mechanistic insights of photocatalytic decomposition of tetracycline and rhodamine B utilizing Z-	R., Boddepalli, Ramu; T.R., Gurugubelli, Thirumala Rao; S.V., Pammi, S. V.N.; V.S.B., Netheti, Venkata Surya Bhagavan; S.,	Environmental Research	Aug-24	19
51	A new approach for active and reactive power management in renewable based hybrid microgrid considering storage devices	K., Anjaiah, Kanche; P.K., Dash, Pradiptaishore Kishore; R., Bisoi, Ranjeeta; S., Dhar, Snehamoy; S.P., Mishra, Sthita	Applied Energy	Aug-24	14
52	Coastline and geomorphological deviations using DSAS techniques over the past 5 decades (1972–2022) in Tirunelveli	D., Ambika, D.; S., Vivek, S.; V., Sampathkumar, V.; A., Subbaiyan, Anandakumar	Environment, Development and Sustainability	Aug-24	0
53	Adam golden search optimization enabled DCNN for classification of breast cancer using histopathological image	N., Suganthi, N.; K., Srividya, K.; D.R., Thirupurasundari, Dasarada Rajagopalan; S., Vimala, S.	Biomedical Signal Processing and Control	Aug-24	7
54	Exploring Microstructural, Textural, and Mechanical Properties in Bulk-Area Stir Zone Fabrication Through Overlapping Friction	M.V., Satyanarayana, M. V.N.V.; M., Srinivasnaik, Mukuloth; B.M., Reddy, B. Madhusudhana; G., Janardhan, Gorti; D.V.,	Arabian Journal for Science and Engineering	Aug-24	6
55	Study of rip cosmological models in f(T, B) gravity	V.S., Rao, V. Sreenivasa; V., Ganesh, V.; D., Kuna, Dasunaidu	Indian Journal of Physics	Aug-24	1
56	Extended state observer-based primary load frequency controller for power systems with ultra-high wind-energy	T.S., Ayyarao, Tummala S.L.V.; R.S., Nuvvula, Ramakrishna S.S.; P.P., P Kumar, Polamarasetty Prasanna; I., Çolak,	Wind Engineering	Aug-24	5
57	Fast Charging Electrical Vehicle Using PSCAD	B., Pragathi, B.; M.I., Mosaad, Mohamed I.; M., Ramasekhara Reddy, M.; V., Manoj, Vasupalli; A., Swathi, Aakula; S.,	E3S Web of Conferences	Sep-24	1
58	Integrated DC-DC Converter with Single Input and Dual Output for Electric Vehicles	M., Rambabu, M.; G.N., Nooka Raju, G. Nooka; V., Manoj, Vasupalli; P.A., Mohanarao, P. A.	E3S Web of Conferences	Sep-24	0
59	A Perspective on the Evolution of Solar Cell and Solar Panel Materials	V., Guntreddi, Venkataramana; P., Suresh, Pala; V., Manoj, Vasupalli; R.B., Damala, Rajesh Babu; A., Swathi, Aakula;	E3S Web of Conferences	Sep-24	0
60	PV-Wind-Diesel based Grid Connected Water Pumping System Driven by Induction Motor	M.I., Mosaad, Mohamed I.; V., Manoj, Vasupalli; B., Pragathi, B.; V., Guntreddi, Venkataramana; R.B., Damala, Rajesh	E3S Web of Conferences	Sep-24	0
61	Machine Learning Models for Predicting and Managing Electric Vehicle Load in Smart Grids	V., Manoj, Vasupalli; M., Ramasekhara Reddy, M.; G.N., Nooka Raju, G. Nooka; R., Raghutu, Ramakrishna; P.A.,	E3S Web of Conferences	Sep-24	3
62	ERRATUM: COSMOLOGICAL DYNAMICS OF ANISOTROPIC KANIADAKIS HOLOGRAPHIC DARK ENERGY MODEL IN BRANS-	A.V., Prasanthi, A. Vijaya; G., Suryanarayana, G.; Y., Aditya, Y.; U.Y., Divya Prasanthi, U. Y.	East European Journal of Physics	Sep-24	0
63	Approximate Controllability of Hilfer Fractional Stochastic Evolution Inclusions of Order $1 < q < 2$	A., Shukla, Anurag; S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; K., Kumar, Kamalendra; K.,	Fractal and Fractional	Sep-24	6
64	MSCAC: A Multi-Scale Swin–CNN Framework for Progressive Remote Sensing Scene Classification	A.S., A, Arun Solomon; S., Akila Agnes, S.	Geographies	Sep-24	2
65	Photoluminescence and Thermoluminescence Glow Curve Analysis of Calcite Collected From Meghalaya Basin	R.M.P., Lamare, Rocky Maxmillian Pohlong; V., Dubey, Vikas; M.C., Rao, M. C.; K., Ravindranadh, Koutavarapu; J., Shim,	Russian Physics Journal	Sep-24	0
66	An ultra-low power QCA based vedic multiplier for digital radar application	R., Daggula, Rajender; V., Bevara, Vasudeva	e-Prime - Advances in Electrical Engineering, Electronics and Energy	Sep-24	3
67	Analysis of volumetric and geomorphological changes mapping using remote sensing and GIS approaches	A., C, Angalaparameswari; I., N, Ilavarasan; S., Vivek, S.; P., V, Priya	Journal of South American Earth Sciences	Sep-24	3
68	A Blue Light-Emitting Cu2+-Doped SrZn2(PO4)2 Nanophosphor: Synthesis, Characterization, Structure, Site Symmetry, and	V., Khidhirbrahmendra, V.; T.R., Gurugubelli, Thirumala Rao; R.V., Ravikumar, R. V.S.S.N.; M.R., Tamtam, Mohan Rao; K.,	Journal of Electronic Materials	Sep-24	1
69	Identification of lung cancer using archimedes flow regime optimization enabled deep belief network	V., Gampala, Veerraju; V., Ramya, Vaggi; B., Maram, Balajee; S.R., Pappu, Sasibhushana Rao	Multimedia Tools and Applications	Sep-24	1
70	ShNFN: Shepard Neuro-Fuzzy Network for Intrusion Detection in Fog Computing	R., Ganeshan, R.; M., Sravani, Meesala; A., Kalidindi, Archana; G.G., Om Prakash P, G. Gnanaprakasam	International Journal of Pattern Recognition and Artificial Intelligence	Oct-24	0
71	Emergency Vehicle Classification Using Combined Temporal and Spectral Audio Features with Machine Learning Algorithms	D., Jayakumar, Dontabhaktuni; M., Krishnaiah, Modugu; S., Kollem, Sreedhar; S., Peddakrishna, Samineni; N.,	Electronics (Switzerland)	Oct-24	1
72	Spatiotemporal variation of water quality in the context of suspended particulate matter in Laguna Mar Chiquita Lake,	S., Vivek, S.; V., Kannan, Vaidhegi; U., Raghu Babu, Uppara; B., Sasivarman, B.; N.P., Srinivasan, N. P.; V., Priya, V.	Desalination and Water Treatment	Oct-24	7
73	An innovative word embedded and optimization based hybrid artificial intelligence approach for aspect-based sentiment	N., Lakshmidevi, N.; B., Anil Kumar, B.; A., Mary Sowjanya, A.; K., Srividya, K.	Multimedia Tools and Applications	Oct-24	5
74	Postdigital concerns relating to teaching and learning of machine drawing	V.S.S.S., Gummaluri, Venkata Surya Subrahmanya Sharma	International Journal of Mechanical Engineering Education	Oct-24	3
75	Engineering properties of SBS and crumb-rubber modified bitumen – a design of experiment approach	G., Ganesh Prabhu, G.; T.C., Haupt, Theo Conrad; Pandimani	Journal of Engineering, Design and Technology	Nov-24	0
76	Geo-environmental monitoring of coastal and land resources for Coatzacoalcos coastal region	A., Devarajan, Ambika; S., Vivek, S.; V., Sampathkumar, V.; M., Panneerselvam, Mukesh	Journal of South American Earth Sciences	Nov-24	3
77	Wireless Fast Charging Solutions for Electric Vehicles: Future Trends and Technological Challenges	V., Mokshayini, V.; P., Sindhuri, P.; K., Vivek, K.; P.A., Mohanarao, P. A.; A., Swathi, Aakula; V., Manoj, Vasupalli	E3S Web of Conferences	Nov-24	0
78	Exploring Electromagnetic Engine Propulsion: Design of a Next-Gen Engine	G., Sai Tharun, G.; K., Anasuya Samhitha, K.; D., Honey, D.; C.H., Harika, C. H.; B., Mohith, Behara; K., Nithin, K.; V.,	E3S Web of Conferences	Nov-24	0
79	Renewable Energy Integration in Modern Power Systems: Challenges and Opportunities	M., Bala Prasad, M.; P., Ganesh, P.; K., Vinay Kumar, Kohir; P.A., Mohanarao, P. A.; A., Swathi, Aakula; V., Manoj,	E3S Web of Conferences	Nov-24	4
80	IoT Based Remote Patient Health Monitoring System	S., Ravi Kumar, S.; T., Chandra Sekhar Rao, T.; J.V., Venkata Suman, Jami Venkata; B., Usha Rani, Birlangi	E3S Web of Conferences	Nov-24	0
81	Effect of N-Doped Carbon on the Morphology and Oxygen Reduction Reaction (ORR) Activity of a Xerogel-Derived Mn(II)O	S.G., Gouse Peera, S. Gouse; K., Ravindranadh, Koutavarapu; P.S., Prasada Reddy, P. Siva; K., Ganesh,	Catalysts	Nov-24	7
82	TPAAS: Trustworthy privacy-preserving anonymous authentication scheme for online trading environment	A.S., Rajasekaran, Arun Sekar; M., Azees, Maria; J., Lloret, Jaime; D., Suresh, D.	PLOS ONE	Nov-24	0
83	Influence of Sodium Lauryl Sulfate Anionic Micelles on the Complex Equilibria of Divalent Metal Ions with Isoleucine Amino	M., Sudha, M.; V.D., Rao, Vaddi Dhilleswara; P.S., Kilaru, Padma Suhasini; S., Lakshman, Shaik; M., Ramanaiah, Malla	Research Journal of Chemistry and Environment	Nov-24	1
84	Synthesis, characterization, and novel reactivity of nano CeO2 catalyst for solvent-free Knoevenagel condensation	B., Viswanadham, Balaga; S.B., Jonnalagadda, Sreekantha B.	Journal of the Indian Chemical Society	Nov-24	2
85	Phishing website detection using novel integration of BERT and XLNet with deep learning sequential models	K., Srinivasa Rao, K.; D., Valluru, Dinesh; S.K., Patnala, Satish Kumar; R.B., Devareddi, Ravi Babu; S.T., Rama Krishna, Siva	Indonesian Journal of Electrical Engineering and Computer Science	Nov-24	1
86	Applications of tunable-Q factor wavelet transform and AdaBoost classier for identification of high impedance faults:	S.R.K., Joga, S. Ramana Kumar; P., Sinha, Pampa; V., Manoj, Vasupalli; S.R., Sura, Srinivasa Rao; V.N., Pudi, Vasudeva	Energy Exploration and Exploitation	Nov-24	30
87	Harvesting Energy Via Water Movement and Surface Ionics in Microfibrous Ceramic Wools	M., Kaur, Manpreet; A., Alagumalai, Avinash; O., Mahian, Omid; S.M., Osman, Sameh M.; T., Nagao, Tadaaki; Z.L.,	Energy and Environmental Materials	Nov-24	1

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88	Low Power and Wide Bandwidth CMOS Active Phase Shifter for X/Ku/K-Band Phased Array Systems	R., Daggula, Rajender; B., Vasudeva, Bevara; R., Ganapati, Reddi; B., Sudhakar, Busi	Journal of Integrated Circuits and Systems	Dec-24	0
89	The role of oxidants in the activation of methane to methanol over a Ni-Mo/Al2O3 catalyst	B., Viswanadham, Balaga; V.D., Dasireddy, Venkata D.B.C.; B.Ž., Likožar, Blaž Ž.; J.K., Valand, Jignesh K.	Catalysis Science and Technology	Dec-24	1
90	STRUCTURAL, DIELECTRIC AND MAGNETIC PROPERTIES OF EPITAXIAL GROWN YMn0.5Cr0.5O3 THIN FILMS	A., Rambabu, Angalakurthi; G.J., Mounika, G. Jeevana; K., Jayadev, K.; B., Sridhar, Balasubramanian	East European Journal of Physics	Dec-24	0
91	Optimizing Solar and Wind Energy Integration in Grid-Connected EV Fast Charging Systems using Fuzzy Logic Control for	J., Srinu Naick, J.; G., Chandra Sekhar, G.; N.C., Kotaiah, N. C.; M., Anitha, M.; B.G.R., Naik, B. Gopi Raja	SSRG International Journal of Electrical and Electronics Engineering	Dec-24	1
92	PSR-LeafNet: A Deep Learning Framework for Identifying Medicinal Plant Leaves Using Support Vector Machines	P.K., Sekharamantray, Praveen Kumar; M.S., Rao, Marada Srinivasa; Y., Srinivas, Y.; A., Uriti, Archana	Big Data and Cognitive Computing	Dec-24	13
93	Optimized Fault Classification in Electric Vehicle Drive Motors Using Advanced Machine Learning and Data Transformation	S., Thirunavukkarasu, S.; K., Karthick, K.; S.K., Aruna, S. K.; R., Manikandan, R.; M.S., Safran, Mejd S.	Processes	Dec-24	3
94	A TOPSIS based multi-objective optimal deployment of solar PV and BESS units in power distribution system electric vehicles	V.K., Thunuguntla, Vinod Kumar; V., Maineni, Vijayasanthi; S.K., Injeti, Satish Kumar; P.P., P Kumar, Polamarasetty	Scientific Reports	Dec-24	6
95	Sustainability and Environmental Impact of Mining and Maintaining Cryptocurrencies: A Review	D., Srinivasa Rao, D.; C., Rajasekhar, Chukka; P.M., Prasad, P. M.K.; G.B., Naidu, G. B.S.R.	Nature Environment and Pollution Technology	Dec-24	0
96	Some strong coupled coincidence and coupled best proximity results on complete metric spaces	D., Eshi, Dakjum; B., Hazarika, Bipan; N., Saikia, Nipen; S., Aljohani, Sarah; S.K., Panda, Sumati Kumari; A., Aloqaily,	Journal of Inequalities and Applications	Dec-24	1
97	Study on the structure, DC electrical resistivity and magnetic properties of Co0.7Cu0.2Zn0.1Fe2-xCrxO4 nano ferrites	B., Venkata Suresh, Bade; G.V., Seshagiri Rao, G. V.R.; G., Nandipati, Govind; Y., Shireesha, Yegireddi	Applied Physics A: Materials Science and Processing	Dec-24	0
98	CFD analysis of an inertance pulse tube refrigerator: exploring the influence of tapered pulse tube and regenerator design	P., Kumar, Pankaj	Journal of the Brazilian Society of Mechanical Sciences and Engineering	Dec-24	0
99	M-Net based stacked autoencoder for ransomware detection using blockchain data	U.D.G., Nathan, Uma Devi Gurumuni; P., Balashanmuga Vadivu, P.; B., Maram, Balajee; G.K.D., Gopisetty, Guru	Applied Soft Computing	Dec-24	2
100	Enhancing load frequency control and automatic voltage regulation in Interconnected power systems using the Walrus	A., Dev, Ark; K., Bhatt, Kunalkumar; B., Mondal, Bappa; V., Kumar, Vineet; M., Bajaj, Mohit; M.B., Tuka, Milkias Berhanu	Scientific Reports	Dec-24	12
101	Effect of Ultrasonic Shot Peening on Surface Mechanical and Wear Behavior of Aluminum 7075-T651 Alloy	S., Behera, Sudhir; I.A., Alnaser, Ibrahim A.; G., Janardhan, Gorti; P.K., Dwivedi, Pushpendra Kumar; J., Murugesan,	Journal of Materials Engineering and Performance	Dec-24	0
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103	A metamaterial broadband absorber by tuning single graphene material for various terahertz domain applications	N., Prasad, Nagandla; T.P.M., Boddapati, Taraka Phani Madhav; N.A., Murugan, Neelaveni Ammal; S., Das, Sudipta;	Diamond and Related Materials	Dec-24	7
104	Retraction Note: Cardiac arrhythmia detection using dual-tree wavelet transform and convolutional neural network (Soft	K., Reddy Madhavi, K.; P., Kora, Padmavathi; L., Venkateswara Reddy, Lakkireddy; J., Avanija, J.; K.L.,	Soft Computing	Dec-24	0
105	Plastic debris detection along coastal waters using Sentinel-2 satellite data and machine learning techniques	V., Nivedita, V.; S.B., S. Sabarunisha Begum; G.N., Aldehim, Ghadah Nasser; A.M., Alashjaee, Abdullah Mujawib; M.A.,	Marine Pollution Bulletin	Dec-24	5
106	Experimental Investigation and Machine Learning Prediction of Mechanical Properties of Rubberized Concrete for Sustainable	T., Senthil Vadivel, T.; A., Suseelan, Ardra; K., Karthick, K.; M.S., Safran, Mejd S.; S., Alfarhood, Sultan	Scientific Reports	Dec-24	4
107	Author Correction: Design and implementation of single DC-link based three-phase multilevel inverter with CB-PWM techniques	M.V., Varaprasad, Madisa V.G.; R.S., Nuvvula, Ramakrishna S.S.; P.P., P Kumar, Polamarasetty Prasanna; N., Radwan,	Scientific Reports	Dec-24	7
108	Multiobjective optimal TCSC placement using multiobjective grey wolf optimizer for power losses reduction	T.R., Nartu, Tejeswara Rao; K., Kiran Kumar, Kalyana; P.P., P Kumar, Polamarasetty Prasanna; R.S., Nuvvula,	Scientific Reports	Dec-24	4
109	Physical Visualization for the Well-Being of the Hearing Impaired – A DMAIC Methodical Approach	V.S.S.S., Gummaluri, Venkata Surya Subrahmanya Sharma; M., Srinivasa Rao, Meesala; L.P., Chilamkurti, Lrvsv Prasad;	International Journal of Community Well-Being	Dec-24	1
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111	Performance analysis of joint transmission in TDD-based mm-wave networks with BS heights	P.V., MuraliKrishna, P. V.; T., VenkataRamana, T.	e-Prime - Advances in Electrical Engineering, Electronics and Energy	Dec-24	0
112	CO-Free Fuel Processing of Water Gas Shift Feedstocks: Effect of Support on CuMn Spinel Performance	V.D., Dasireddy, Venkata D.B.C.; B., Viswanadham, Balaga; B.Ž., Likožar, Blaž Ž.; J.K., Valand, Jignesh K.	Catalysis Letters	Dec-24	0
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114	Design and implementation of single DC-link based three-phase multilevel inverter with CB-PWM techniques	M.V., Varaprasad, Madisa V.G.; R.S., Nuvvula, Ramakrishna S.S.; P.P., P Kumar, Polamarasetty Prasanna; N., Radwan,	Scientific Reports	Dec-24	5
115	SPF-Net: Solar panel fault detection using U-Net based deep learning image classification	R.A.M., Rudro, Rifat Al Mamun; K.M., Nur, Kamruddin Md; M.F.A., Al Sohan, Md Faruk Abdullah; M.F., Mridha, M. F.; S.,	Energy Reports	Dec-24	15
116	Production and modifications of biochar to engineered materials and its application for environmental sustainability: a review	R., Gokulan, Ravindiran; R., Sivarethinamohan, R.; G., Janardhan, Gorti; G., Hayder, Gasim; A., Alagumalai,	Biochar	Dec-24	61
117	Teaching learning optimization-based sliding mode control for frequency regulation in microgrid	A., Dev, Ark; B., Mondal, Bappa; V.K., Verma, Vikash Kumar; V., Kumar, Vineet	Electrical Engineering	Dec-24	7
118	Computation and convergence of fixed-point with an RLC-electric circuit model in an extended b-suprametric space	S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; I., Khan, Ilyas; S., Niaza, Shafiullah	Scientific Reports	Dec-24	7
119	Correction to: Augmented weighted K-means grey wolf optimizer: An enhanced metaheuristic algorithm for data	P., Manoharan, Premkumar; G., Sinha, Garima; M.D., Ramasamy, Manjula Devi; S., Sahu, Santhoshini; C.B.,	Scientific Reports	Dec-24	0
120	Autism spectrum disorder based on squeezeNet with fractional tasmanian rat swarm optimization	S., Muppidi, Satish; G., Anuradha, G.; V., K, Valarmathi	Multimedia Tools and Applications	Dec-24	0
121	Aspect-oriented extraction and sentiment analysis using optimized hybrid deep learning approaches	K., Srividya, K.; A., Mary Sowjanya, A.; B., Anil Kumar, B.; N., Lakshmi Devi, N.	Multimedia Tools and Applications	Dec-24	4
122	Fuzzy Logic-based Power Optimizer for Solar Photovoltaic Power Systems	R.S., Rajaram, Revathy Subbiah; P.K., Babu, Padaga Kumar; V., Kirubakaran, V.; R., Kandasamy, Raja; P., Ganeshan, P.;	Pertanika Journal of Science and Technology	Dec-24	1
123	Enhancing automatic and optimal control systems through graphical structures	S.K., Panda, Sumati Kumari; I., Khan, Ilyas; V., Vijayakumar, Velusamy; S., Niaza, Shafiullah	Scientific Reports	Dec-24	4
124	Augmented weighted K-means grey wolf optimizer: An enhanced metaheuristic algorithm for data clustering problems	P., Manoharan, Premkumar; G., Sinha, Garima; R., Manjula Devi, R.; S., Sahu, Santhoshini; C.B., Subramanyam,	Scientific Reports	Dec-24	41
125	On uniform stability and numerical simulations of complex valued neural networks involving generalized Caputo fractional	S.K., Panda, Sumati Kumari; T., Abdeljawad (Maraaba) T., Thabet; A.M., Nagy, A. M.	Scientific Reports	Dec-24	6
126	Silicon-free PSMA-modified aerogel derived from waste fruit peels for efficient oil recovery	S., Chaudhary, Sapna; T.K., Dora, Tapas Kumar; S.K., Porwal, Suheel Kumar	Biomass Conversion and Biorefinery	Dec-24	2
127	Analysis on implantable IoT sensors	C.H., Gangadhar, Ch H.; K., Ramakrishna, Kolikipogu; K.S., Santa Rao, K. S.; B., Christopher, Benita; M.S., Nidhya, M. S.	Revolutionizing Data Science and Analytics for Industry Transformation	Jan-25	0
128	Core-shell Mn@AL-MOF: A multidimensional hierarchical advanced electrode material for high-performance	M.R., Tamtam, Mohan Rao; R., Wang, Rui; K., Ravindranadh, Koutavarapu; G.S., Choi, Gyu Sang; J., Shim, Jasesool	Journal of Alloys and Compounds	Jan-25	5
129	A new exploration on the approximate controllability results for Hilfer fractional differential inclusions of order 1<μ<2 with	J., Pradeesh, Jayaprakash; S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy	Mathematical Methods in the Applied Sciences	Jan-25	1
130	Solvability and controllability of Sobolev-type nonlocal Hilfer fractional stochastic evolution inclusions of order 1<μ<2	J., Pradeesh, Jayaprakash; S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; K., Jothimani, Kasthurisamy; N.,	International Journal of Dynamics and Control	Jan-25	1
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133	Design of a mmWave Reconfigurable Intelligent Surface for Futuristic Wireless Communications	B.A., Babu, B. Anil; T.P.M., Boddapati, Taraka Phani Madhav; R., Palla, Ravikumar; T.A., Kumar, T. Anil	Microwave Devices and Circuits for Advanced Wireless Communication	Jan-25	0
134	Corrigendum to “Remote sensing and machine learning approach for zoning of wastewater drainage system” [Desalin	A., Saranya, A.; A., Al Mazroa, Alanoud; M.S., Maashi, Mashael S.; T.M., Nithya, T. M.; V., Priya, V.	Desalination and Water Treatment	Jan-25	0
135	A novel Zero Back Power Flow (ZBPF) controlled DAB for DC bus stability and energy storage integrations in hybrid DC/AC off-grid	G.I., Kishore, G. Indira; C.S., Nalamati, Chandra Sekhar; A., Agrawal, Alok	Journal of Energy Storage	Jan-25	0
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139	Edge-Enhanced Feature Pyramid SwinUNet: Advanced Segmentation of Lung Nodules in CT Images	S., Akila Agnes, S.; A.S., A, Arun Solomon; K., Karthick, K.; M.S., Safran, MejdL S.; S., Alfarhood, Sultan	IET Image Processing	Jan-25	0
140	A comparative study on the synthesis strategies and electrochemical features of bimetallic Cu/Co-MOFs	M.R., Tamtam, Mohan Rao; R., Wang, Rui; K., Ravindranadh, Koutavarapu; G.S., Choi, Gyu Sang; J., Shim, Jasesool; N.T.,	Nanoscale Advances	Feb-25	0
141	Ensemble stacking of machine learning models for air quality prediction for Hyderabad city in India	R., Gokulan, Ravindiran; K., Karthick, K.; R., Sivarethinamohan, R.; D., Datta, Deepshikha; B., Das, Bimal;	iScience	Feb-25	3
142	Influence of Infill Design in Fabrication of 3D-printed PLA Parts Using FDM	T., Tamilanban, T.; P., Kumar, Pankaj; D.B., Samuel Dhanasekaran, Dhanesh Babu; G.B., Loganathan, Ganesh	Medziagotyra	Feb-25	0
143	Advanced skin lesion diagnosis with efficientnet-b7 feature extraction and SVM classification	V., Manjula, V.; P.P., Ratnam, Pala Pooja; G.P., Priya, Golagani Prasanna; G., Dharmaraju, Gangur; R., Suneetha,	International Journal of Basic and Applied Sciences	Feb-25	0
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146	Optimal Feedback Control Results for Hilfer Fractional Neutral Dynamical Systems with History-Dependent Operators	S., Vivek, S.; S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy	Journal of Optimization Theory and Applications	Feb-25	3
147	Performance Evaluation of Roller Compacted Concrete Containing Ferrochrome Slag Aggregates and Red Mud	B.A., Ram Kumar, B. A.V.; G., Ramakrishna, G.; C.H., Ajay, C. H.	Iranian Journal of Science and Technology - Transactions of Civil Engineering	Feb-25	0
148	A study on the effects of El Nino and global warming in India: Climatic changes, issues and challenges	D., Srinivasa Rao, D.; B.P., Prasad Chapa, Babji Prasad	Disaster Advances	Feb-25	0
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150	Europium activated bismuth containing double perovskite catalyzed synthesis of coumarin derivatives and its cytotoxicity	D., Tejeswararao, D.; D., Datta, Deepshikha; N.N., Bonnada, Nagamani Naidu; B., Das, Bimal	Journal of the Iranian Chemical Society	Feb-25	0
151	Real-Time Communication System Using Canonical Cortical Graph Neural Network With High-Level Target Navigation Pigeon-	G.S., Uthayakumar, Gadyam Somasundaram; M.S.G., Prasad, M. Siva Guru; K., Padmanaban, K.; G.B., Naidu, G.	International Journal of Communication Systems	Feb-25	0
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153	IoT based healthcare system using fractional dung beetle optimization enabled deep learning for breast cancer	V.R., Vaddadi, Vasudha Rani; G., Vasavi, G.; P.M., Paul, P. Mano; K., Sandhya Rani, K.	Computational Biology and Chemistry	Feb-25	2
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156	Investigation of Vibratory-Assisted TIG Welding on Al6063 Alloy: Microstructural Behavior, Mechanical Properties, and Machine	M., Vykunta Rao, M.; K.V., Reddy, Koppula Venkateswara; B., Venkata Suresh, Bade; V.B., Chintada, Vinodbabu Babu;	Journal of The Institution of Engineers (India): Series C	Feb-25	0
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159	Effect of shot peening on microstructural features, residual stress behavior, and hardness of aluminum alloy 2014	V.K., Reddy, Venkateswara K.; V., Rambabu, V.; G., Mrudula, G.; P., Prakash, Putta; D.J., Venkatesh, Durga Janaki; R.,	Engineering Research Express	Mar-25	2
160	On the approximate controllability for neutral fractional stochastic differential hemivariational inequalities with history-	S., Vivek, S.; S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; T., Radhika, Thirunavukkarasu; A., Chandrasekar,	Journal of Differential Equations	Mar-25	5
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162	Cobalt–copper MOF: A high-performance and ecofriendly electrode material for symmetric and asymmetric	M.R., Tamtam, Mohan Rao; K., Ravindranadh, Koutavarapu; R., Wang, Rui; G.S., Choi, Gyu Sang; J., Shim, Jasesool	Materials Science in Semiconductor Processing	Mar-25	7
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165	Drought assessment in Coimbatore South region, Tamil Nadu, India, using remote sensing and meteorological data	E., Murugesan, Ezhilarasi; S., Shanmugamoorthy, Senthilkumar; S., Veerasamy, Senthilkumar; S., Vivek, S.	Journal of Earth System Science	Mar-25	3
166	Distended pixel replacement method for enhancing visual quality of low-light images	G., Sekar, G.; A.S., Rajasekaran, Arun Sekar; S., Kollem, Sreedhar; B.P., Prasad Chapa, Babji Prasad	Signal, Image and Video Processing	Mar-25	0
167	Identification of multiple power quality disturbances in hybrid microgrid using deep stacked auto-encoder based bi-directional	R.K., Jalli, Ravi Kumar; L., Priyadarshini, Lipsa; P.K., Dash, Pradiptaishore Kishore; R., Bisoi, Ranjeeta	e-Prime - Advances in Electrical Engineering, Electronics and Energy	Mar-25	0
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169	Heart abnormality classification using ECG and PCG recordings with novel PJM-DJRNN	N., Chandrasekhar, Nadikattla; S., Canavoy Narahari, Sujatha; S., Kollem, Sreedhar; S., Peddakrishna, Samineni;	Results in Engineering	Mar-25	1
170	Common fixed point theorems in complete partial metric space	R., Arab, Reza; B., Hazarika, Bipan; T., Abdeljawad (Maraaba) T., Thabet; S.K., Panda, Sumati Kumari	Afrika Matematika	Mar-25	0
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178	Intelligent diagnosis of diabetic retinopathy: Leveraging machine and deep learning	B., Maram, Balajee; S.A., Joe Babulo, S. Arun; B., Manivannan, B.; S.K., Balan, Santhosh Kumar; T., Daniya, T.;		Apr-25	0
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181	A hybrid EfficientNet-DbneAlexnet for brain tumor detection using MRI images	G., Vasavi, G.; V.R., Vaddadi, Vasudha Rani; S., Ponnada, Sreenu; J., S, Jyothi	Computational Biology and Chemistry	Apr-25	5
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185	Adam energy valley optimization-based routing and RF-Spinalnet enabled medical data classification in IoT	S., Purbey, Suniti; N., Khan, Nariman; B.K., Singh, Brijendra Krishna; S.K., Balan, Santhosh Kumar	International Journal of Machine Learning and Cybernetics	Apr-25	0
186	Results on controllability of Sobolev-type nonlocal neutral functional integrodifferential evolution hemivariational	J., Pradeesh, Jayaprakash; S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; T., Radhika, Thirunavukkarasu; A.,	Journal of Applied Mathematics and Computing	Apr-25	2
187	A note concerning the optimal control results for Hilfer fractional stochastic differential equations of order $1 < \mu < 2$	J., Pradeesh, Jayaprakash; S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; Y., Ma, Yong-ki	Journal of Applied Mathematics and Computing	Apr-25	3
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189	Computational study of hydrothermal characteristics in straight microchannels with base triangular and wavy profile designs for	R.K., Valaparla, Ranjith Kumar; K., Balasubramanian, Karthik; K.K., Kupireddi, Kiran Kumar; K.S., Prasad, Kattela Siva	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of	Apr-25	0
190	Quartz Substrate-Based Super Absorber Using Graphene Material with 18 Absorption Bands for Terahertz Applications	N., Prasad, Nagandla; P.S., Pokkunuri, Pardha Saradhi; T.P.M., Boddapati, Taraka Phani Madhav; J., Lakshmi	Plasmonics	Apr-25	2
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192	Drought Vulnerability Assessment Using GIS and Remote Sensing Techniques: A Case Study in Part of Coimbatore, Tamil	S., Krishnakumar, S.; V., Sreevidhya, V.; S., Vivek, S.; V., Priya, Vishnu	Journal of the Indian Society of Remote Sensing	Apr-25	3
193	Short-term forecasting of electricity price using ensemble deep kernel based random vector functional link network	S., Perla, Someswari; R., Bisoi, Ranjeeta; P.K., Dash, Pradiptaishore Kishore; A.K., Rout, Ajit Kumar	Applied Soft Computing	Apr-25	1
194	Review of global sustainable solar energy policies: Significance and impact	T.S., Kishore, T. S.; U.K., Potnuru, Upendra Kumar; V., Ippili, Vidyabharati	Innovation and Green Development	Apr-25	7
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