



KONERU LAKSHMAIAH EDUCATION FOUNDATION(K L E F)

Research & Development(R & D)

List of web of science Publications

S.NO	Name of the Author/s	Article Title	Name of the Journal	Year	DOI	Web of Science Index	Link
1	Premalatha, V; Parveen, N	Adaptive fish school search optimized resnet for multi-view 3D objects reconstruction	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18530-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
2	Lakshmi, GS; Rao, KS	Design of capacitive pressure sensor for continuous glucose monitoring system	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-023-05589-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
3	Vali, PSNM; Murali, G	Battery Thermal Management System on Trapezoidal Battery Pack With Liquid Cooling System Utilizing Phase Change Material	ASME JOURNAL OF HEAT AND MASS TRANSFER	2024	10.1115/1.4063355	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
4	Vignesh, K; Srujana, T; Teja, VJNS; Reddy, CHV; Padmanaban, K	Recommendation System Enhanced by Big Data Analytics	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00108	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
5	Sivakrishna, K; Ratnam, DV	Analysis of differential code biases for GPS receivers over the Indian region	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2023-0047	Emerging Sources Citation Index (ESCI)	WOS Proof
6	Bhattad, A; Priyadarsan, P	Development of thermal conductivity model for alumina hybrid nanosuspensions using AI technique	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-13665-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
7	Patra, N; Ramesh, P	Investigating the role of solvents in modulating glass transition and dynamic mechanical characteristics of polystyrene film	COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS	2024	10.1016/j.colsurfa.2024.135230	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
8	Biswas, P; Haritha, D	Recognition of Hate Speech using Advanced Learning Model-based Multi-Layered Approach (MLA)	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
9	Kumar, PN; Maguluri, LP	Deep Learning-based Classification of MRI Images for Early Detection and Staging of Alzheimer's Disease	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
10	Yarrakula, M; Narayanaswamy, P	Exploring ionospheric dynamics: a comprehensive analysis of GNSS TEC estimations during the solar phases using linear function model	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2024-0019	Emerging Sources Citation Index (ESCI)	WOS Proof
11	Tejaswi, VSD; Rachapudi, V	Liver cancer classification via deep hybrid model from CT image with improved texture feature set and fuzzy clustering based segmentation	WEB INTELLIGENCE	2024	10.3233/WEB-230042	Emerging Sources Citation Index (ESCI)	WOS Proof
12	Kadam, MS; Burra, VLSP	S-adenosyl-l-methionine interaction signatures in methyltransferases	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2024	10.1080/07391102.2023.2217679	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
13	Ravinder, N; Mohammed, M	An extreme convolutional network model for brain disease prediction using smote and learning approaches	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2024	10.1142/S1793962324410083	Emerging Sources Citation Index (ESCI)	WOS Proof
14	Howldar, S; Balaji, B; Rao, KS	Gate Oxide Thickness and Drain Current Variation of Dual Gate Tunnel Field Effect Transistor	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.03c.09	Emerging Sources Citation Index (ESCI)	WOS Proof
15	Arvapalli, S; Areti, AR	Augmented bioavailability of maltodextrin-based Tenofovir proniosomes via inhibition of MDR1 mediated transport efflux	JOURNAL OF RESEARCH IN PHARMACY	2024	10.29228/jrp.814	Emerging Sources Citation Index (ESCI)	WOS Proof
16	Inayathulla, M; Karthikeyan, C	Image Caption Generation using Deep Learning For Video Summarization Applications	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024	10.14569/IJACSA.2024.0150155	Emerging Sources Citation Index (ESCI)	WOS Proof

17	Sreedevi, A; Srinivas, K	Deep Learning Methodologies Towards Leaf Disease Detection: A Review	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-43	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
18	Gadde, SS; Kiran, KVD	Entropy-Based Feature Extraction Model for Fundus Images with Deep Learning Model	INTERNATIONAL JOURNAL OF IMAGE AND GRAPHICS	2024	10.1142/S0219467823400065	Emerging Sources Citation Index (ESCI)	WOS Proof
19	Bhimavarapu, U	Optimized automated detection of diabetic retinopathy severity: integrating improved multithresholding tunicate swarm algorithm and improved hybrid butterfly optimization	HEALTH INFORMATION SCIENCE AND SYSTEMS	2024	10.1007/s13755-024-00301-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
20	Rao, UM; Sastry, JKR	ENHANCED FEATURE-DRIVEN MULTI-OBJECTIVE LEARNING FOR OPTIMAL CLOUD RESOURCE ALLOCATION	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i3.2689	Emerging Sources Citation Index (ESCI)	WOS Proof
21	Ramani, G; Amarendra, K	An optimized energy management and load balancing system based on cluster head selection for the vehicular network communication	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18557-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
22	Mukiri, R; Burra, VB	A Novel Vision Transformer Model for Rumor Prediction in COVID-19 Data CT Images	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-236842	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
23	Sarkar, T	Level Ordering and Lexical Phonology of Bangla: A Stratal Optimality Theoretic Analysis	RUPKATHA JOURNAL ON INTERDISCIPLINARY STUDIES IN HUMANITIES	2024	10.21659/rupkatha.v16n2.24g	Emerging Sources Citation Index (ESCI)	WOS Proof
24	Koppireddy, CS; Rao, GSN	A fuzzified model for soft tissue prediction using a knowledge-based deep learning approach	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2024	10.1142/S1793962324410046	Emerging Sources Citation Index (ESCI)	WOS Proof
25	Patra, N; Ramesh, P; Ramanakumar, N	Oleic acid-induced changes in the dynamic viscoelastic behavior of poly (methyl methacrylate) polymer film	COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS	2024	10.1016/j.colsurfa.2024.134889	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
26	Najumunnisa, M; Sastry, ASCS; Madhav, BTP	LOCALIZATION OF DIELECTRIC ANOMALIES WITH MULTI-LEVEL OUTLIER DETECTION THROUGH MEMBERSHIP FUNCTION AND ENSEMBLE CLASSIFICATION FRAMEWORK	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i3.2713	Emerging Sources Citation Index (ESCI)	WOS Proof
27	Atiya, SU; Ramesh, NVK	Enhancing non-small cell lung cancer radiotherapy planning: A deep learning-based multi-modal fusion approach for accurate GTV segmentation	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.105987	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
28	Momin, A; Rohith, CS; Pranav, G; Sathwik, P; Gangashetty, S	Detection of Milk Quality Utilizing Fourier Transform Infrared Spectroscopy	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00129	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
29	Mounika, V	Fighting Patriarchy through Literature: An Analysis of the 21st Century Indian Mythological Fiction	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-13	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
30	Pravallika, B; Satyanarayana, KVV; Tumuluru, P	MALVERT-Detecting the Masked Foe on the Web	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-41	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
31	Somasundar, AVSS; Yedukondalu, G	Six DOF robot: inverse kinematics solution to path planning for intersecting pipes for welding operation and inverse Jacobian comparison	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01552-w	Emerging Sources Citation Index (ESCI)	WOS Proof
32	Arundathi, JVS; Satyanarayana, KVV	A Secure and Efficient Framework for Multi-User Encrypted Cloud Databases Supporting Single and Multiple Keyword Searches	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
33	Sireesha, K; Dubey, AK; Govind, D; Samudravijaya, K; Gangashetty, S	Variational mode decomposition based features for detection of hypernasality in cleft palate speech	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.106689	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

34	Ahmed, SOF; Gopi, A	A Hybrid MCDM Model for Service Composition in Cloud Manufacturing using O-TOPSIS	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024	10.14569/IJACSA.2024.0150436	Emerging Sources Citation Index (ESCI)	WOS Proof
35	Joshi, RM; Rao, DS	AlexDarkNet: Hybrid CNN architecture for real-time Traffic monitoring with unprecedented reliability	NEURAL COMPUTING & APPLICATIONS	2024	10.1007/s00521-024-09450-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
36	Swanthana, K; Aravinth, SS	An intelligent homomorphic blockchain approach for securing stock market data	SOFT COMPUTING	2024	10.1007/s00500-023-09554-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
37	Burande, C; Padhi, SN	Addressing Global Disparities in Prosthetic Mobility: An Experimental Evaluation of Ankle-Foot Orthosis for Sustainable and Efficient Integration with Vehicle Structures and Systems	JOURNAL OF POLYMER & COMPOSITES	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
38	Sivamanikanta, M; Ravinder, N	Machine Learning-Driven Integration of Genetic and Textual Data for Enhanced Genetic Variation Classification	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
39	Bhimavarapu, U	Analysing student performance for online education using the computational models	UNIVERSAL ACCESS IN THE INFORMATION SOCIETY	2024	10.1007/s10209-023-01033-7	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof
40	Gajula, S; Rajesh,	An MRI brain tumour detection using logistic regression-based machine learning model	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-022-01680-8	Emerging Sources Citation Index (ESCI)	WOS Proof
41	Howldar, S; Balaji, B; Rao, KS	Investigation and Analysis of Dual Metal Gate Overlap on Drain Side Tunneling Field Effect Transistor with Spacer in 10nm Node	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.05 b.07	Emerging Sources Citation Index (ESCI)	WOS Proof
42	Budaraju, RR; Jammalamadaka, SKR	Mining Negative Associations from Medical Databases Considering Frequent, Regular, Closed and Maximal Patterns	COMPUTERS	2024	10.3390/computers13010018	Emerging Sources Citation Index (ESCI)	WOS Proof
43	Gudepu, SK; Burugari, VK	Automatic Plant Disease Detection System Using Advanced Convolutional Neural Network-Based Algorithm	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
44	Natha, P; Rajarajeswari, P	Advancing Skin Cancer Prediction Using Ensemble Models	COMPUTERS	2024	10.3390/computers13070157	Emerging Sources Citation Index (ESCI)	WOS Proof
45	Swetha, D; Mohiddin, DSK	Quantum-Enhanced Security Advances for Cloud Computing Environments	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
46	Inkollu, UMR; Sastry, JKR	AI-driven reinforced optimal cloud resource allocation (ROCRA) for high-speed satellite imagery data processing	EARTH SCIENCE INFORMATICS	2024	10.1007/s12145-024-01242-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
47	Sanugomula, M; Naik, KK	A Compact High Gain Circular Shaped Two-Port MIMO Antenna with Fractal DGS for Downlink Satellite Communication	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2024	10.2528/PIERM24012903	Emerging Sources Citation Index (ESCI)	WOS Proof
48	Srikanth, G	Unearthing Human Values and Ethics: Profound Insights from Ancient Scriptures	DIVERSITY, EQUITY, AND INCLUSION	2024		Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
49	Chandu, S; Varkolu, M	An efficient One-Pot synthesis of NaOCl mediated pyrazolopyrimidine derivatives	RESULTS IN CHEMISTRY	2024	10.1016/j.rechem.2024.101759	Emerging Sources Citation Index (ESCI)	WOS Proof
50	Krishnaveni, PR; Suman, M	Prompt Multi-level Segmentation with Denoising Model with Fragile Correlated Feature Subset for Brain Tumor Classification	CURRENT MEDICAL IMAGING	2024	10.2174/0115734056321223240809091842	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
51	Mallesham, D; Chandrashekar, B	Mother Tongue Influence on English Language Learning	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-17	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
52	Oruganti, KP	Shifting Paradigms in English Language Teaching: An Analysis of the 'Innovations	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-24	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof

53	Kosanam, S; Pasupula, R	Effect of Methyl Glycoside on Apoptosis and Oxidative Stress in Hypoxia Induced-Reoxygenated H9C2 Cell Lines	CELL BIOCHEMISTRY AND BIOPHYSICS	2024	10.1007/s12013-024-01539-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
54	Swetha, D; Mohiddin, SK	Advancing Quantum Cryptography Algorithms for Secure Data Storage and Processing in Cloud Computing: Enhancing Robustness Against Emerging Cyber Threats	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
55	Sagar, D; Saidireddy, M	A novel secured authentication model for LTE network system using BD-POA-HECC, HD-MAC, and PD-3WHP techniques	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.124967	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
56	Lalitha, VL; Anguraj, DK	Modeling a Novel Approach for Emotion Recognition Using Learning and Natural Language Processing	ACM TRANSACTIONS ON ASIAN AND LOW-RESOURCE LANGUAGE INFORMATION PROCESSING	2024	10.1145/3641851	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
57	Koushik, A; Varshitha, R; Poojitha, PS; Lokesh, C; Sabitha, C; Swathi, K	ICA based Noise Reduction in Mobile Phone Speech Communication	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00167	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
58	Reddy, AM; Rao, MMSR	A Lightweight Symmetric Cryptography based User Authentication Protocol for IoT based Applications	PRZEGLAD ELEKTROTECHNICZNY	2024	10.15199/48.2024.01.35	Emerging Sources Citation Index (ESCI)	WOS Proof
59	Sridevi, S; Kumar, KK	Optimised hybrid classification approach for rice leaf disease prediction with proposed texture features	JOURNAL OF CONTROL AND DECISION	2024	10.1080/23307706.2022.2141359	Emerging Sources Citation Index (ESCI)	WOS Proof
60	Patra, N	Integrated process for eco-friendly synthesis and coating of ZrB2 onto carbon fiber substrates	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2024	10.1016/j.colsurfa.2024.135310	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
61	Tamilselvan, SN; Shanmugan, S	Towards sustainable solar cells: unveiling the latest developments in bio-nano materials for enhanced DSSC efficiency	CLEAN ENERGY	2024	10.1093/ce/zkae031	Emerging Sources Citation Index (ESCI)	WOS Proof
62	Kundu, TK; Anguraj, DK; Bhattacharyya, D	Utilizing Image Analysis with Machine Learning and Deep Learning to Identify Malaria Parasites in Conventional Microscopic Blood Smear Images	TRAITEMENT DU SIGNAL	2024	10.18280/ts.410129	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
63	Pranitha, K; Vurukonda, N	FEATURE EXTRACTION AND CLASSIFICATION OF GRAY-SCALE IMAGES OF BRAIN TUMOR USING DEEP LEARNING	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i2.2456	Emerging Sources Citation Index (ESCI)	WOS Proof
64	Roshini, A; Kiran, KVD	A lightweight DPT-MAC protocol to increase the network lifetime in wireless body area networks	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2024	10.1142/S1793962324410113	Emerging Sources Citation Index (ESCI)	WOS Proof
65	Karimunnisa, S; Pachipala, Y	Deep Learning-Driven Workload Prediction and Optimization for Load Balancing in Cloud Computing Environment	CYBERNETICS AND INFORMATION TECHNOLOGIES	2024	10.2478/cait-2024-0023	Emerging Sources Citation Index (ESCI)	WOS Proof
66	Reddy, AM; Rao, MK	Enhancing Security in IoT Networks: Advancements in Key Exchange, User Authentication, and Data Integrity Mechanisms	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
67	Harita, U; Mohammed, M	Analyzing threat flow over network using ensemble-based dense network model	SOFT COMPUTING	2024	10.1007/s00500-024-09645-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
68	Bhimavarapu, U	Enhanced convolution neural network and improved SVM to detect and classify diabetic retinopathy	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18406-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
69	Kasulanati, VCS	Collective Slip Results on Mhd Unstable Flow on Porous Stretching Sheet	INTERNATIONAL JOURNAL OF HEAT AND TECHNOLOGY	2024	10.18280/ijht.420132	Emerging Sources Citation Index (ESCI)	WOS Proof
70	Priyanka, JH; Parveen, N	An efficient resume skill extraction using deep feature-based AGT optimized K means clustering	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18220-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
71	Roshan, RAK; Chakrapani, M; Krishna, CV; Datta, K; Reddy, A; Akella, PL	Smart Agriculture and Automatic Irrigation System Using IoT	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-40	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof

72	Vaishnavi, AVSSPL; Raghavendra, GKG; Jilan, M; Chowdary, AP; Singh, R; Karthikeyan, C	Exploring House Price Forecasting through Machine Learning and Data Preprocessing	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00055	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
73	Praveena, M; Rao, MK	Hybrid Segmentation Approach for Tumors Detection in Brain Using Machine Learning Algorithms	INTERNATIONAL JOURNAL OF IMAGE AND GRAPHICS	2024	10.1142/S0219467823400089	Emerging Sources Citation Index (ESCI)	WOS Proof
74	Shareef, SM; Rao, MVG	Separation of overlapping non-stationary signals and compressive sensing-based reconstruction using instantaneous frequency estimation	DIGITAL SIGNAL PROCESSING	2024	10.1016/j.dsp.2024.104737	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
75	Prasuna, RG; Potturu, SR	Deep reinforcement learning in mobile robotics - a concise review	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18152-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
76	Phaneendra, CN; Naik, KK	Inset-Fed Octagonal-Shaped Quad-Port MIMO Patch Antenna for UWB Applications	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11561-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
77	Naik, KK; Sailaja, BVS	RF-MEMS Switch for Reconfigurable With Half-Moon Slots on Elliptical-Shaped Patch Antenna for 5G Applications	IEEE OPEN JOURNAL OF ANTENNAS AND PROPAGATION	2024	10.1109/OJAP.2024.3384397	Emerging Sources Citation Index (ESCI)	WOS Proof
78	Krishna, HV; Sekhar, KR	Enhancing security in IIoT applications through efficient quantum key exchange and advanced encryption standard	SOFT COMPUTING	2024	10.1007/s00500-023-09585-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
79	Bulusu, A; Rao, DS	Exploiting Inherent Linguistic Information to Detect Aspects and Associated Sentiments of Online Course Reviews	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-48	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
80	Aluri, S; Imambi, SS	Brain tumour classification using MRI images based on lenet with golden teacher learning optimization	NETWORK-COMPUTATION IN NEURAL SYSTEMS	2024	10.1080/0954898X.2023.2275720	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
81	Shelar, MD; Rao, SS	Enhanced capsule network-based executable files malware detection and classification-deep learning approach	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	2024	10.1002/cpe.7928	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
82	Goud, H; Anitha, R	PA FUZZY-NOISE REMOVAL IN WIRELESS SENSORS NETWORKS	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i5.3065	Emerging Sources Citation Index (ESCI)	WOS Proof
83	Babu, BK	Personalized Medicine and Advancements in Pharmacology: Shaping the Future of Healthcare	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.2.41	Emerging Sources Citation Index (ESCI)	WOS Proof
84	Priyanka, U; Paul, A; Mondal, T	Vibronic coupling and ultrafast relaxation dynamics in the first five excited singlet electronic states of bithiophene	JOURNAL OF CHEMICAL PHYSICS	2024	10.1063/5.0196565	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
85	Lakshmi, CR; Rao, GVS	Inter-domain learning for signal de-generation and validation on S-glass composite in performance estimation	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-022-01697-z	Emerging Sources Citation Index (ESCI)	WOS Proof
86	Sreedevi, A; Manike, C	A Smart Solution for Tomato Leaf Disease Classification by Modified Recurrent Neural Network with Severity Computation	CYBERNETICS AND SYSTEMS	2024	10.1080/01969722.2022.2122004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
87	Soujanya, P; Deb, D	Interface defect state induced spin injection in organic magnetic tunnel junctions	JOURNAL OF APPLIED PHYSICS	2024	10.1063/5.0232653	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
88	Tejaswi, VSD; Rachapudi, V	Liver Cancer Diagnosis: Enhanced Deep Maxout Model with Improved Feature Set	CANCER INVESTIGATION	2024	10.1080/07357907.2024.2391359	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
89	Cheruvu, R; Rao, BK	Enhanced Concrete Performance and Sustainability with Fly Ash and Ground Granulated Blast Furnace Slag - A Comprehensive Experimental Study	ADVANCES IN SCIENCE AND TECHNOLOGY-RESEARCH JOURNAL	2024	10.12913/22998624/186192	Emerging Sources Citation Index (ESCI)	WOS Proof
90	Phaneendra, CN; Naik, KK	Design of Dual Band MIMO Antenna with Rhombus Shape for Wireless Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2024	10.2528/PIERM23112803	Emerging Sources Citation Index (ESCI)	WOS Proof

91	Nagesh, P; Srinivasu, N	Design of an efficient graph-based traversing method for establishing authentication mechanism in cloud	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2024	10.1142/S1793962324410058	Emerging Sources Citation Index (ESCI)	WOS Proof
92	Divya, GN; Rao, SK	Implementation of ensemble Kalman filter algorithm for underwater target tracking	JOURNAL OF CONTROL AND DECISION	2024	10.1080/23307706.2022.2092039	Emerging Sources Citation Index (ESCI)	WOS Proof
93	Ealias, AM; Meda, G; Tanzil, K	Recent Progress in Sustainable Treatment Technologies for the Removal of Emerging Contaminants from Wastewater: A Review on Occurrence, Global Status and Impact on Biota	REVIEWS OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	2024	10.1007/s44169-024-00067-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
94	Ramani, G; Amarendra, K	An Intelligent Recurrent Backpropagation Neural System for Energy Optimized Wireless Sensor Based Vehicle Communication	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11423-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
95	Patra, N; Ravi, G	Hydrothermal Synthesis of CuO/WO3 Hybrid Bifunctional Composites with Unprecedented Dark Adsorption and Photocatalysis	CHEMISTRYSELECT	2024	10.1002/slct.202400042	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
96	Praveen, K; Vijay, DS; Subramanyam, Y; Karthik, T; Reddy, VS; Sravani, KG	Design and analysis of dual gate MOSFET with spacer engineering	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05610-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
97	Dixit, R; Ravindranath, K	Identity and Access Control Techniques for Enhanced Data Communication in Cloud	CONTEMPORARY MATHEMATICS	2024	10.37256/cm.5120243721	Emerging Sources Citation Index (ESCI)	WOS Proof
98	Vasantham, VK; Donavalli, H	Multi-objective hybrid optimized task scheduling in cloud computing under big data perspective	INTELLIGENT DECISION TECHNOLOGIES-NETHERLANDS	2024	10.3233/IDT-230717	Emerging Sources Citation Index (ESCI)	WOS Proof
99	Kulkarni, G; Manike, C	Heuristic-Based Ensemble Model Selection Strategy with Parameter Tuning for Optimal Diabetes Mellitus Prediction	INTERNATIONAL JOURNAL OF IMAGE AND GRAPHICS	2024	10.1142/S0219467824500463	Emerging Sources Citation Index (ESCI)	WOS Proof
100	Alluri, VSSV; Mannepalli, K	VLSI Realization of Fast Fourier Transform using Multipath Butterfly Unit Based Iterative ICORDIC	COGENT ENGINEERING	2024	10.1080/23311916.2024.2400302	Emerging Sources Citation Index (ESCI)	WOS Proof
101	Tejaswi, VSD; Rachapudi, V	Computer-aided diagnosis of liver cancer with improved SegNet and deep stacking ensemble model	COMPUTATIONAL BIOLOGY AND CHEMISTRY	2024	10.1016/j.compbiolche.2024.108243	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
102	Buttol, S; Balaji, B	Design and Performance Analysis of Gate Overlap Dual Material Tunnel Field Effect Transistor	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.09c.07	Emerging Sources Citation Index (ESCI)	WOS Proof
103	Reddy, KPK; Kumar, SR; Rao, BN	Multi-objective optimization for minimize cutting force and power consumption in corn stalk chopping processes	HELIYON	2024	10.1016/j.heliyon.2024.e35373	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
104	Devi, YH; Ramu, DG	Decoding Visual Question Answering Methodologies: Unveiling Applications in Multimodal Learning Frameworks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
105	Latha, YM; Rao, BS	Amazon product recommendation system based on a modified convolutional neural network	ETRI JOURNAL	2024	10.4218/etrij.2023-0162	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
106	Jyothi, P; Pradeepini, G	Heart disease detection system based on ECG and PCG signals with the aid of GKVDLNN classifier	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16562-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
107	Rohini, D; Kavitha, M	ABC-Optimized CNN-GRU Algorithm for Improved Cervical Cancer Detection and Classification Using Multimodal Data	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
108	Govathoti, PR; Naik, KK	Analysis and Design of Compact Single-Band Slots on Patch Antenna for Wireless Communication	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11251-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
109	Bhimavarapu, U	Stacked artificial neural network to predict the mental illness during the COVID-19 pandemic	EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE	2024	10.1007/s00406-024-01799-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
110	Sakhare, NN; Shaik, IS	Spatial federated learning approach for the sentiment analysis of stock news stored on blockchain	SPATIAL INFORMATION RESEARCH	2024	10.1007/s41324-023-00529-x	Emerging Sources Citation Index (ESCI)	WOS Proof

111	Lakshmi, MK; Rao, SK; Subrahmanyam, K	Prediction of target state using angles-only ensemble Kalman filter	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-022-01755-6	Emerging Sources Citation Index (ESCI)	WOS Proof
112	Nagendram, PS; Satyanarayana, P	Categorization of Multiple Crops Using Geospatial Technology, Machine Learning and Google Earth Engine	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.09c.06	Emerging Sources Citation Index (ESCI)	WOS Proof
113	Parvatham, NK; Maguluri, LP	Improved Decision Support System for Alzheimer's Diagnosis Using a Hybrid Machine Learning Approach with Structural MRI Brain Scans	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
114	Cheruvu, R; Rao, BK	EXPERIMENTAL INVESTIGATION ON THE PERFORMANCE EVALUATION OF CONCRETE BINARY BLENDED WITH FLY ASH AND GGBS	JURNAL TEKNOLOGI-SCIENCES & ENGINEERING	2024	10.11113/jurnalteknologi.v86.21056	Emerging Sources Citation Index (ESCI)	WOS Proof
115	Shravan, NK; Vuyyuru, VA; Gottapu, P; Theeda, A; Peddineni, L	Agile Management Tools: Technological Evaluations and Future Archetype	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00154	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
116	Bhimavarapu, U	Retina Blood Vessels Segmentation and Classification with the Multi-featured Approach	JOURNAL OF IMAGING INFORMATICS IN MEDICINE	2024	10.1007/s10278-024-01219-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
117	Karimunnisa, S; Pachipala, Y	Deep Learning Approach for Workload Prediction and Balancing in Cloud Computing	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024	10.14569/IJACSA.2024.0150477	Emerging Sources Citation Index (ESCI)	WOS Proof
118	Ramesh, D; Venkatram, DN	OPTIMIZING MULTICHANNEL PATH SCHEDULING IN COGNITIVE RADIO AD HOC NETWORKS USING DIFFERENTIAL EVOLUTION	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i2.2649	Emerging Sources Citation Index (ESCI)	WOS Proof
119	Kondamadugula, BG; Mummasani, MNVLP; Kurre, Y; Kavitha, M; Harshitha, MSS; Kavitha, S	Cloud-based Real Time Traffic Assessment through Artificial Neural Networks and Server less Integration	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602207	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
120	Krishna, PR; Rajarajeswari, P	Microarray Gene Expression Dataset Feature Selection and Classification with Swarm Optimization to Diagnosis Diseases	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
121	Babu, VS; Venkatram, N	Weed Detection and Localization in Soybean Crops Using YOLOv4 Deep Learning Model	TRAITEMENT DU SIGNAL	2024	10.18280/ts.410242	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
122	Rohith, K; Sravani, KG; Rao, KS; Balaji, B; Agarwal, V	Design and Performance Analysis of High-k Gate All Around Fin-field Effect Transistor	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.03c.04	Emerging Sources Citation Index (ESCI)	WOS Proof
123	Aginiparthi, AS; Vankadara, RK; Mokkapati, RK; Panda, SK	Evaluating the single-frequency static precise point positioning accuracies from multi-constellation GNSS observations at an Indian low-latitude station	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2024-0014	Emerging Sources Citation Index (ESCI)	WOS Proof
124	Rajeswari, MR; Govind, D; Gangashetty, SV; Dubey, AK	Significance of Variational Mode Decomposition for Epoch Based Prosody Modification of Speech With Clipping Distortions	IEEE ACCESS	2024	10.1109/ACCESS.2024.3425394	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
125	Ramesh, D; Devi, YU; Madhav, BTP	Artificial Magnetic Conductor Based Improved Radiation Properties of Fractal MIMO Antenna for UWB Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2024	10.2528/PIERM24062805	Emerging Sources Citation Index (ESCI)	WOS Proof
126	Sreedevi, A; Srinivas, K	Classification of Tomato Leaf Disease Using Ensemble Learning	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-45	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
127	Yeheyo, HA; Ealias, AM	Harnessing Microbial and Phytoremediation Techniques for Sustainable Remediation of Heavy Metals in Black Cotton Soils	JOURNAL OF POLYMER & COMPOSITES	2024		Emerging Sources Citation Index (ESCI)	WOS Proof

128	Sreedevi, A; Srinivas, K	Implementation of adaptive multiscale dilated convolution-based ResNet model with complex background removal for tomato leaf disease classification framework	SIGNAL IMAGE AND VIDEO PROCESSING	2024	10.1007/s11760-023-02778-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
129	Usha, V; Rao, TKRK	Resource provisioning optimization in fog computing: a hybrid meta-heuristic algorithm approach	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02446-0	Emerging Sources Citation Index (ESCI)	WOS Proof
130	Ranjitkumar, N; Raju, KN	Enhancing sensorless control of SRM through instantaneous direct torque control with MGAO-CANN technique	ELECTRICAL ENGINEERING	2024	10.1007/s00202-024-02412-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
131	Buttol, S; Balaji, B; Rao, KS	Design and Analysis of Symmetrical Dual Gate Tunnel Field Effect Transistor with Gate Dielectric Materials in 10nm Technology	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.04 a.02	Emerging Sources Citation Index (ESCI)	WOS Proof
132	Godavarthi, SMK; Ganimisetty, SV; Palanati, S; Chintala, RR; Chennamsetty, VP	Confronting the Offensive Stalking Risks: With Standing Cyber Stalkers	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602125	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
133	Satishkumar, AV; Gurram, A; Tavakala, HS; Varma, PM; Sasikala, V; Varada, C; Siddiqui, N	Optimization of Extraction Solvent for High-performance Thin-layer Chromatography for detection of adulterants in Valerianae radix	ASIAN JOURNAL OF PHARMACEUTICS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
134	Thandu, AL; Gera, P	Privacy-Centric Multi-Class Detection of COVID 19 Through Breathing Sounds and Chest X-Ray Images: Blockchain and Optimized Neural Networks	IEEE ACCESS	2024	10.1109/ACCESS.2024.3418202	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
135	Venu, P; Yellamma, P; Rupesh, Y; Eswar, YTN; Reddy, MM	Dynamic Priority-Based Round Robin: An Advanced Load Balancing Technique for Cloud Computing	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
136	Rani, ND; Babu, M	Improved rank-based recursive feature elimination method based ovarian cancer detection model via customized deep architecture	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	2024	10.1016/j.cmpb.2024.108358	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
137	Pullaiah, GC; Kumar, PMA	OPTIMAL FEATURE SELECTION FROM HIGH-DIMENSIONAL FUSION OF BLOOD SMEAR IMAGES FOR LEUKEMIA DIAGNOSIS	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i3.2690	Emerging Sources Citation Index (ESCI)	WOS Proof
138	Bhimavarapu, U	Diagnosis and multiclass classification of diabetic retinopathy using enhanced multi thresholding optimization algorithms and improved Naive Bayes classifier	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18659-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
139	Kusumanchi, TPSK; Pappula, L	Design and Optimization of High-gain Series and Parallel-fed Array Antennas for Enhanced Gain and Front-to-back Ratio in X-Band Applications	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.03c.12	Emerging Sources Citation Index (ESCI)	WOS Proof
140	Vali, PSNM; Murali, G	Experimental Study on Thermal Management of Nano-Enhanced Phase Change Material Integrated Battery Pack	ASME JOURNAL OF HEAT AND MASS TRANSFER	2024	10.1115/1.4064155	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
141	Boda, R; Dasgupta, A; Parikh, R; VedhaSree, G; Sai Nikitha, G; Mancharla, A	Identification of Plant Diseases Using AI	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-74	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
142	Kalidindi, A; Arrama, MB	A Systematic Investigation on Botnet Intrusion Detection Using Various Machine Learning Techniques	INTERNATIONAL JOURNAL OF ONLINE AND BIOMEDICAL ENGINEERING	2024	10.3991/ijoe.v20i10.49509	Emerging Sources Citation Index (ESCI)	WOS Proof

143	Meghana, CVS; Afroz, SS; Gurindapalli, R; Katari, S; Swetha, K	A Survey paper on Understanding the Rise of AI-driven Cyber Crime and Strategies for Proactive Digital Defenders	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00012	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
144	Buchibabu, P; Somlal, J	Green energy management in DC microgrids enhanced with robust model predictive control and muddled tuna swarm MPPT	ELECTRICAL ENGINEERING	2024	10.1007/s00202-023-02127-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
145	Kosanam, S; Pasupula, R	Artificial intelligence approach in identification of differentially expressed genes of methyl glycoside against myocardial infarction	ADVANCES IN TRADITIONAL MEDICINE	2024	10.1007/s13596-023-00691-5	Emerging Sources Citation Index (ESCI)	WOS Proof
146	Divya, GN; Rao, SK	Stochastic analysis approach of extended H-infinity filter for state estimation in uncertain sea environment	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-022-01682-6	Emerging Sources Citation Index (ESCI)	WOS Proof
147	Buchibabu, P; Somlal, J	Sustainable energy management in microgrids: a multi-objective approach for stochastic load and intermittent renewable energy resources	ELECTRICAL ENGINEERING	2024	10.1007/s00202-024-02488-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
148	Kumar, PN; Maguluri, LP	Deep Learning-based Classification of MRI Images for Early Detection and Staging of Alzheimer's Disease	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
149	Suvarna, CM; Raju, RS; Malothu, N; Guntupalli, C	Investigation of Lupinus angustifolius Extracts against High-Fructose Diet-Induced Metabolic Syndrome in Male Wistar Rats	PHARMACOGNOSY RESEARCH	2024	10.5530/pres.16.2.49	Emerging Sources Citation Index (ESCI)	WOS Proof
150	Bhimavarapu, U	ERFLSTM: Enhanced regularization function in LSTM to assess feature importance	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02552-z	Emerging Sources Citation Index (ESCI)	WOS Proof
151	Kotte, S; Dabbakuti, JRKK	Smart 6G Sensor Network Based Human Emotion Analysis by Machine Learning Architectures	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11188-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
152	Reddy, ML; Lingeshwaran, N	EXPERIMENTAL INVESTIGATION ON PERFORMANCE OF HOLLOW BRICK WITH FLY ASH, CEMENT AND SAND	CIVIL AND ENVIRONMENTAL ENGINEERING	2024	10.2478/cee-2024-0035	Emerging Sources Citation Index (ESCI)	WOS Proof
153	Manaswi, D; Karumuri, SR	Design and performance analysis of charge plasma TFET for biosensor applications: a simulation study	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05678-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
154	Sravanthi, G; Moparthi, NR	An efficient IoT based crop disease prediction and crop recommendation for precision agriculture	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2024	10.1007/s10586-023-04246-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
155	Priyadarsini, NI; Raja, G	Federated Learning Implementation with Privacy Leakage Prevention for Hand-Written Digit Recognition	INTERNATIONAL JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING SYSTEMS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
156	Saikumar, K; Rajesh,	A machine intelligence technique for predicting cardiovascular disease (CVD) using Radiology Dataset	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-022-01681-7	Emerging Sources Citation Index (ESCI)	WOS Proof
157	Amarnadh, V; Moparthi, NR	Range control-based class imbalance and optimized granular elastic net regression feature selection for credit risk assessment	KNOWLEDGE AND INFORMATION SYSTEMS	2024	10.1007/s10115-024-02103-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
158	Peddinti, AS; Maloji, S; Mannepalli, K	BRAIN TUMOR CLASSIFICATION USING REGION-BASED CNN WITH CHICKEN SWARM OPTIMIZATION	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i5.3162	Emerging Sources Citation Index (ESCI)	WOS Proof

159	Suryawanshi, AH; Allam, SST; Korukonda, S; Kamble, S; Machavarapu, BK; Sriperambuduru, N; Vemuri, PK	Molecular Approach for Screening and Identification of Food Containments using Colony PCR	JOURNAL OF PURE AND APPLIED MICROBIOLOGY	2024	10.22207/JPAM.18.3.12	Emerging Sources Citation Index (ESCI)	WOS Proof
160	Asamani, A; Majumdar, J	An Empirical Study of Digital Lending in India and the Variables Associated with its Adoption	BRAZILIAN ADMINISTRATION REVIEW	2024	10.1590/1807-7692bar2024230132	Emerging Sources Citation Index (ESCI)	WOS Proof
161	Kesana, S; Shameem, S; Babu, PSS	Coplanar waveguide fed inverted slot hybrid square ring antenna	INTERNATIONAL JOURNAL OF ELECTRONICS	2024	10.1080/00207217.2024.2354068	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
162	Bhattad, A	Experimentation with different alumina hybrid (50:50) suspensions as coolant on plate heat exchanger performance	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-13101-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
163	Ganesh, GV; Karumuri, SR	CPW Tunable Band-Pass Filter Based on RF MEMS Capacitive Shunt and Series Switches	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-10973-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
164	Poojitha, SA; Ravindranath, K	OPTIMAL USAGE OF RESOURCES THROUGH QUALITY AWARE SCHEDULING IN CONTAINERS BASED CLOUD COMPUTING ENVIRONMENT	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i2.2655	Emerging Sources Citation Index (ESCI)	WOS Proof
165	Dudekula, RB; Raut, AN; Chilukuri, SK	Using Palm Oil Fuel Ash as a Source Material for Alumina Silicate	JORDAN JOURNAL OF CIVIL ENGINEERING	2024	10.14525/JJCE.v18i1.09	Emerging Sources Citation Index (ESCI)	WOS Proof
166	Gopal, SR; Prabhakar, VSV	Intelligent edge based smart farming with LoRa and IoT	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-021-01576-z	Emerging Sources Citation Index (ESCI)	WOS Proof
167	Naik, KK	Asymmetric CPW-fed patch antenna with slits at terahertz applications for 6G wireless communications	WIRELESS NETWORKS	2024	10.1007/s11276-024-03695-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
168	Bhavana, D; Jayaraju, M	CROP FIELD BOUNDARY DETECTION AND CLASSIFICATION USING MACHINE LEARNING	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i1.2316	Emerging Sources Citation Index (ESCI)	WOS Proof
169	Latha, YM; Rao, BS	Product recommendation using enhanced convolutional neural network for e-commerce platform	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2024	10.1007/s10586-023-04053-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
170	Swapna, B; Mohan, VM	A Novel intelligent SAV oriented QL-based task offloading in mobile edge environments	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.124657	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
171	Shailaja, J; Ravindran, RSE	Development of a Fully Differential-Difference Transconductance-Based Filter for Cardiac Troponin Sensor	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S0218126624502633	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
172	Babu, A; Boddu, SB	BERT-Based Medical Chatbot: Enhancing Healthcare Communication through Natural Language Understanding	EXPLORATORY RESEARCH IN CLINICAL AND SOCIAL PHARMACY	2024	10.1016/j.rcsop.2024.100419	Emerging Sources Citation Index (ESCI)	WOS Proof
173	Potnuru, M; Maddala, DVSR; Potnuru, K; Krislmarah, JR; Koti, C; Krishna, AVP	Digital Watermarks for Secure In-Vehicle Networks	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00031	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
174	Shinde, V; Kuchibhotla, S	Diagnosing of Malignant and Benign Breast Cancers: Using a Metasearch Neural Propagation Classifier	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2023.2234857	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
175	Raj, GP; Ketavath, KN	Dual-band inset-fed diamond-shaped patch MIMO antenna for wireless communication applications	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad624d	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
176	Khandekar, A; Ahmad, SF	Secured IoT architecture for personalized marketing using blockchain framework with deep learning technology	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2024	10.1007/s10586-024-04372-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
177	Madhavi, B; Kumar, GS; Nagalakshmi, S; Rao, TS	Generalization of Homotopy Analysis Method for q-Fractional Non-linear Differential Equations	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	2024	10.28924/2291-8639-22-2024-22	Emerging Sources Citation Index (ESCI)	WOS Proof

178	Saxena, R; Kumari, PLS	Blockchain Consensus: Analogical Comparison and Challenges	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-50	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
179	Syed, K; Yedukondalu, G; Rao, NVNGJ; Rachan, N; Ajay, K; Malik, A	Enhancing Upper Limb Rehabilitation: Workspace, Singularity and Structural Analysis of an Adaptive Two-Link Planar Manipulator	JOURNAL OF POLYMER & COMPOSITES	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
180	Konduri, PS; Rao, GSN	Full resolution convolutional neural network based organ and surgical instrument classification on laparoscopic image data	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2023.105533	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
181	Challa, R; Kothamasu, KK	A decentralized public-permissioned blockchain framework for enhanced security of health records in fog computing	COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING	2024	10.1080/10255842.2023.2262664	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
182	Yeheyo, HA; Ealias, AM; George, G; Jagannathan, U	Bioremediation potential of microalgae for sustainable soil treatment in India: A comprehensive review on heavy metal and pesticide contaminant removal	JOURNAL OF ENVIRONMENTAL MANAGEMENT	2024	10.1016/j.jenvman.2024.121409	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
183	Kousrali, S; Kowtharapu, LP; Mondal, T	Analytical determination of ethylenediamine impurity in tripelennamine hydrochloride by gas chromatography-mass spectrometry using phthalaldehyde as the derivatizing agent	BIOMEDICAL CHROMATOGRAPHY	2024	10.1002/bmc.5850	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
184	Mamatha, R; Koppula, A; Chandana, K; Kumari, PLS	Air and Sound Pollution Tracking Using IoT and Machine Learning	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-47	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
185	Zhu, G; Liu, F; Kong, WL; Yang, X; Kumar, S; Zhou, X	Low-Frequency Vibration Detection Enhancement in Dual-Pulse DAS With Single AOM	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	2024	10.1109/TIM.2024.3449973	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
186	Sunnapu, C; Kolli, M	Assessing the role of friction stir welding tool shoulder profile and parameters on mechanical performance of Al5083 weld joints pre- and post-corrosion exposure	ENGINEERING RESEARCH EXPRESS	2024	10.1088/2631-8695/ad2f89	Emerging Sources Citation Index (ESCI)	WOS Proof
187	Sammy, F; Vigila, SMC	Anomaly Detection in Cloud Using Hexabullus Optimisation-Enabled Fuzzy Classifier with Smart Contract-Enabled Secure Communication	JOURNAL OF INFORMATION & KNOWLEDGE MANAGEMENT	2024	10.1142/S0219649223500582	Emerging Sources Citation Index (ESCI)	WOS Proof
188	Kalivaraprasad, B; Prasad, MVD; Gattim, NK	Deep Learning-based Food Calorie Estimation Method in Dietary Assessment: An Advanced Approach using Convolutional Neural Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
189	Sunnapu, CS; Kolli, M	Experimental investigation of Al 5083 alloy using friction stir welding process through taguchi method	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-024-01746-w	Emerging Sources Citation Index (ESCI)	WOS Proof
190	Surase, RS; Krishna, KR; Chopade, RP	Thermally efficient gas turbine with pressure drop-based automated filter cleaning and optimized fuel control system	APPLIED THERMAL ENGINEERING	2024	10.1016/j.applthermaleng.2024.122385	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
191	Immareddy, S; Sundaramoorthy, A; Alagarsamy, A	Design and implementation of hybrid (radix-8 Booth and TRAM) approximate multiplier using 15-4 approximate compressors for image processing application	JOURNAL OF REAL-TIME IMAGE PROCESSING	2024	10.1007/s11554-024-01427-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
192	Varalakshmi, K; Kumar, PMA	A late fusion framework using whale optimization technique and attention-BiLSTM for fake news detection	INTERNATIONAL JOURNAL OF DATA SCIENCE AND ANALYTICS	2024	10.1007/s41060-024-00515-y	Emerging Sources Citation Index (ESCI)	WOS Proof
193	Gundekari, S; Karmee, SK	Catalytic Conversion of Levulinic Acid into 2-Methyltetrahydrofuran: A Review	MOLECULES	2024	10.3390/molecules29010242	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
194	Reddy, MA; Ravindranath, K	Enhanced placement and migration of virtual machines in heterogeneous cloud data centre	INTERNATIONAL JOURNAL OF BIO-INSPIRED COMPUTATION	2024	10.1504/IJBIC.2024.137907	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

195	Veerendra, YVS; Brahman, PK; Mankumare, SD; Ch, J; Kumar, VC	Evaluation of analytical greenness metric for an eco-friendly method developed through the integration of green chemistry and quality-by-design for the simultaneous determination of Nebivolol hydrochloride, Telmisartan, Valsartan, and Amlodipine besylate	HELIYON	2024	10.1016/j.heliyon.2024.e35376	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
196	Jaffrullah, S; Sridhar, W; Ganesh, GR	Analysis of MHD Casson Nanofluid Flow over a Nonlinearly Stretching Surface with Joule Heating, Radiation and Suction Effects	INTERNATIONAL JOURNAL OF HEAT AND TECHNOLOGY	2024	10.18280/ijht.420207	Emerging Sources Citation Index (ESCI)	WOS Proof
197	Kottapalli, A; Konijeti, R; Dasore, A	Numerical analysis of a scroll expander driven by various refrigerants for ORC applications	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01275-y	Emerging Sources Citation Index (ESCI)	WOS Proof
198	Didde, S; Dubey, RS	Sol-gel derived ceramic nanoparticles as an alternative material for microstrip patch antenna in WLAN applications	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-63454-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
199	Rejinthala, S; Endoori, S; Thumma, V; Mondal, T	New Imidazo[4,5-c]pyridine-piperidine Hybrids as Potential Anti-cancer Agents and In-Silico Studies	CHEMISTRYSELECT	2024	10.1002/slct.202303299	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
200	Peddinti, AS; Maloji, S	OPTIMISED RESNET50 FOR MULTI-CLASS CLASSIFICATION OF BRAIN TUMORS	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i3.2707	Emerging Sources Citation Index (ESCI)	WOS Proof
201	Narayanrao, PV; Kohirker, K; Preeth, TS; Kumari, PLS	Depression Symptom Identification Through Acoustic Speech Analysis: A Transfer Learning Approach	TRAITEMENT DU SIGNAL	2024	10.18280/ts.410113	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
202	Kumar, KP; Rao, MVG; Venkatanarayana, M	A Novel Image Recovery from Moving Water Surface Using Multi-Objective Bispectrum Method	INTERNATIONAL JOURNAL OF IMAGE AND GRAPHICS	2024	10.1142/S0219467824500384	Emerging Sources Citation Index (ESCI)	WOS Proof
203	Noothi, S; Malothu, N; Areti, AR; Pulavarthy, V	Formulation and Evaluation of Luliconazole Nanosponge Gel Using Experimental Design	INDONESIAN JOURNAL OF PHARMACY	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
204	Shaik, F; Maheswari, B; Anitha, GN; Charitha, D; Kumar, MK; Thrinath, BVS	An Assessment of Power Regulation Strategy and Fuzzy Controller for a Grid-Interfaced Solar Photovoltaic System	2024 4TH INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND SOCIAL NETWORKING, ICPCSN 2024	2024	10.1109/ICPCSN62568.2024.00140	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
205	Sravanthi, G; Moparthi, NR	Dual Interactive Wasserstein Generative Adversarial Network optimized with arithmetic optimization algorithm-based job scheduling in cloud-based IoT	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2024	10.1007/s10586-023-03994-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
206	Sangareddy, V; Mallu, MR; Matur, RV; Shaik, FB; Nettem, B; Gajavelli, S	Identifying and optimization of critical process parameters for the modulation of polysaccharide molecular size in Streptococcus pneumoniae serotype-1	DISCOVER APPLIED SCIENCES	2024	10.1007/s42452-024-06096-6	Emerging Sources Citation Index (ESCI)	WOS Proof
207	Velagaleti, SB; Nalluri, S	Analysis of a Compact Dual/Single Band Tunable BPF for 5G/X-Band Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH M	2024	10.2528/PIERM24012404	Emerging Sources Citation Index (ESCI)	WOS Proof
208	Rao, KVG; Kumar, MK; Goud, BS	An Independently Controlled Two Output Half Bridge Resonant LED Driver	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2023.2238695	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
209	Biftu, WK; Ravindhranath, K	Novel adsorptive methods for the effective arsenic(III) removal from polluted water	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-022-03540-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
210	Dudi, B; Rajesh, V	Impact of modified Harris hawks optimization on hybrid deep learning for untrained plant leaf classification	JOURNAL OF FIELD ROBOTICS	2024	10.1002/rob.22306	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
211	Jahan, K; Rao, SK; Divya, GN	State Vector's Fusion for Passive Underwater Tracking Using Two Sensor Arrays	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2023.2200359	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
212	Ketha, NVDP; Kolli, D; Subbappa, PK	Structural Elucidation of Novel Degradation Impurity and Development, Validation of a Single HPLC Method for all Putative Impurities of Clobetasol Propionate in a Foam Drug Product	JOURNAL OF CHROMATOGRAPHIC SCIENCE	2024	10.1093/chromsci/bmad016	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

213	Surase, RS; Konijeti, R; Chopade, RP	Thermal performance analysis of gas turbine power plant using soft computing techniques: a review	ENGINEERING APPLICATIONS OF COMPUTATIONAL FLUID MECHANICS	2024	10.1080/19942060.2024.2374317	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
214	Reddy, RA; Venkatram, N	Intelligent energy efficient routing in wireless body area network with mobile sink nodes using horse electric fish optimization	PEER-TO-PEER NETWORKING AND APPLICATIONS	2024	10.1007/s12083-024-01666-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
215	Begam, SR; Burthi, LR; Depuru, SR	Simulation and Hardware implementation of Novel Controller in electric vehicle applications to improve system efficiency	PRZEGLAD ELEKTROTECHNICZNY	2024	10.15199/48.2024.08.42	Emerging Sources Citation Index (ESCI)	WOS Proof
216	Koduru, JP; Kumar, TV; Mantrala, KM	A review of wire and arc additive manufacturing using different property characterization, challenges and future trends	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02472-y	Emerging Sources Citation Index (ESCI)	WOS Proof
217	Gopalakrishnan, A; Keerthiga, R; Sangeetha, MS; Vinod, SM; Tamizhdurai, P; Mangesh, VL; Vasanthi, R; Rajagopalan, V; Kumaran, R; Vanjinathan, M	A theoretical approach on ADMET properties of an azo-ester based fluorophore (AEF), and it 's energetics, binding stability and molecular interactions with select globular proteins	SOUTH AFRICAN JOURNAL OF CHEMICAL ENGINEERING	2024	10.1016/j.sajce.2024.06.003	Emerging Sources Citation Index (ESCI)	WOS Proof
218	Sujatha, Y; Pahuja, A; Deb, D	Effect of Ferromagnet/Organic Semiconductor Interface Defect States on Tunnel Magnetoresistance of Hybrid Magnetic Tunnel Junctions	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2024	10.1002/pssb.202400059	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
219	Begam, SR; Burthi, LR; Depuru, SR	Regenerative Braking in Electric Vehicles using BLDC motor with Modified Torque and Adaptive-Neuro-Fuzzy-Control	PRZEGLAD ELEKTROTECHNICZNY	2024	10.15199/48.2024.03.33	Emerging Sources Citation Index (ESCI)	WOS Proof
220	Kumar, BS; Revathi, R	A Comprehensive Review on Image Encryption Techniques using Memristor based Chaotic System for Multimedia Application	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2024.2373899	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
221	Simon, M; Derrick, S; Kosanam, S; Pasupula, R	Pill Burden: A Major Barrier to HAART Adherence and Fixed Dose Combinations (FDCS) as its Solution - A Mini-Review	CURRENT HIV RESEARCH	2024	10.2174/011570162X307740240604115154	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
222	Emeema, J; Murali, G; Reddi, BV; Mangesh, VL	Investigations on paraffin wax/CQD composite phase change material - Improved latent heat and thermal stability	JOURNAL OF ENERGY STORAGE	2024	10.1016/j.est.2024.111056	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
223	Jadala, NB; Sridhar, M; Ratnam, DV; Tummala, SNM	Ensemble based deep learning model for prediction of integrated water vapor (IWV) using GPS and meteorological observations	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2023-0053	Emerging Sources Citation Index (ESCI)	WOS Proof
224	Vasimalla, Y; Singh, S; Balaji, R; Srither, SR; Kumar, S	Detection of Serratia marcescens and Mierococcus lysodeikticus Bacterial Cells Using Cerium Oxide/Transition Metal Dichalcogenides Heterostructure-Based Surface Plasmon Resonance Sensor	ADVANCED PHOTONICS RESEARCH	2024	10.1002/adpr.202400136	Emerging Sources Citation Index (ESCI)	WOS Proof
225	Deepika, D; Rekha, G	A hybrid capsule attention-based convolutional bi-GRU method for multi-class mental task classification based brain-computer Interface	COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING	2024	10.1080/10255842.2024.2410221	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
226	Velivelli, S; Satyanarayana, GC; Ali, MM	Predicting daily maximum temperature over Andhra Pradesh using machine learning techniques	THEORETICAL AND APPLIED CLIMATOLOGY	2024	10.1007/s00704-024-05146-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
227	Reddy, AM; Gudivada, D; Rao, MK	A LIGHTWEIGHT SYMMETRIC CRYPTOGRAPHY BASED USER AUTHENTICATION PROTOCOL FOR IOT BASED APPLICATIONS	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i3.2692	Emerging Sources Citation Index (ESCI)	WOS Proof

228	Priya, BI; Rao, PVRDP; Parameswari, DVL	Shielding secrets: developing an enigmatic defense system with deep learning against side channel attacks	DISCOVER SUSTAINABILITY	2024	10.1007/s43621-024-00455-4	Emerging Sources Citation Index (ESCI)	WOS Proof
229	Chilukuri, R; Sayyad, K; Kowtharapu, LP; Gundekari, S; Varkolu, M	Liquid Chromatography-Mass Spectrometry Method for Determination of N-Methyl-N-Nitrosopyridin-4-Amine in a Vonoprazan Fumarate Drug	SEPARATION SCIENCE PLUS	2024	10.1002/sscp.202400118	Emerging Sources Citation Index (ESCI)	WOS Proof
230	Kumar, KH; Srinivas, K	An improved analogy-rule based software effort estimation using HTRR-RNN in software project management	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.124107	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
231	Pala, SL; Mekala, S; Ravindhranath, K	Novel adsorbents for simultaneous extraction of lead and cadmium ions from polluted water: based on active carbon, nanometal (Zr-Ce-Sm)-mixed oxides and iron-alginate beads	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-022-03063-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
232	Sayyad, K; Kowtharapu, LP; Mondal, T	Headspace Gas Chromatography-Mass Spectrometry Method for Determination of Class-I Residual Solvents in Several Drug Substances: Method Evaluation by Quality by Design Statistical Tool	JOURNAL OF AOAC INTERNATIONAL	2024	10.1093/jaoacint/qsae061	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
233	Rejinthala, S; Endoori, S; Thumma, V; Mondal, T	Design, Synthesis and In-Silico Studies of Piperidine-Dihydropyridine Hybrids as Anticancer Agents	CHEMISTRY & BIODIVERSITY	2024	10.1002/cbdv.202301456	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
234	Shailaja, J; Prabhakar, VSV	A programmable gain amplifier based on a two-level CNTFET op amp with optimized trans-conductance to drain current ratio	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	2024	10.1007/s10470-023-02239-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
235	Rao, KS; Chatterjee, P	Reducing the Number of Trainable Parameters does not Affect the Accuracy of Res-Net18 on Cervical Cancer Images	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-76	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
236	Deshpande, R; Yalavarthi, UD	Hexa-Slot Wheel Shaped Fractal Orthogonal MIMO Antenna with Polarization Diversity for UWB Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS	2024	10.2528/PIERL23110301	Emerging Sources Citation Index (ESCI)	WOS Proof
237	Sagar, D; Reddy, MS	A brief review on security issues and counter measure techniques for future generation communication system (LTE/LTE-A)	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16187-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
238	Burra, VLSP; Sahoo, PS; Dhankhar, A; Jhaji, J; Kasamuthu, PS; Kiran, KSSV; Macha, SKR	Understanding the structural basis of the binding specificity of c-di-AMP to M. smegmatis RecA using computational biology approach	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2024	10.1080/07391102.2023.2227709	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
239	Ponugoti, M; Guntupalli, C; Malothu, N	Morin hydrate mitigates calcium oxalate urolithiasis by inhibiting oxalate synthesis and modulating crystal formation	UROLITHIASIS	2024	10.1007/s00240-024-01628-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
240	Balusa, VS; Srinivas, K	An Effective Intrusion Detection System for Edge Computing Using ConvNeXt and ResNet152V2	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE AND APPLICATIONS	2024	10.1142/S1469026824500147	Emerging Sources Citation Index (ESCI)	WOS Proof
241	Chennoju, JP; Siddiah, N	Classified Volatile Organic Compound Detection using Data Classification Algorithms	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2024	10.48084/etasr.6531	Emerging Sources Citation Index (ESCI)	WOS Proof
242	Poojitha, S; Anusha, K; Raju, PR	Issues faced by poultry farmers in post-covid scenario	JOURNAL OF LIVESTOCK SCIENCE	2024	10.33259/JLivestSci.2024.136-140	Emerging Sources Citation Index (ESCI)	WOS Proof
243	Anil, B; Mekala, S; Rafi, SM; Ravindhranath, K	Simple bio-sorbents derived from Mimulus elengi plant for the effective removal of molybdate from industrial wastewater	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-022-02830-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
244	Vaagdevi, M; Gnanasekaran, R; Reddy, GK; Balachandran, S; Sahiti, C; Ramaiah, MJ	Molecular Understanding and Pharmacological Potency of Plant-Derived Compounds in Colorectal Cancer (CRC): A Critical Analysis and Future Perspectives	CELL BIOCHEMISTRY AND BIOPHYSICS	2024	10.1007/s12013-024-01370-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

245	Kumar, DA; Kishore, PVV; Sravani, K	Deep Bharatanatyam pose recognition: a wavelet multi head progressive attention	PATTERN ANALYSIS AND APPLICATIONS	2024	10.1007/s10044-024-01273-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
246	Lavanya, S; Ganesh, V; Reddy, VR	ON THE BOUNDS FOR WAVE STABILITY OF STRATIFIED SHEAR FLOWS	JOURNAL OF APPLIED MATHEMATICS & INFORMATICS	2024	10.14317/jami.2024.105	Emerging Sources Citation Index (ESCI)	WOS Proof
247	Paseddula, C; Gangashetty, SV	Acoustic Scene Classification Using Various Features and DNN Model: A Monolithic and Hierarchical Approach	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	2024	10.1007/s00034-024-02836-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
248	Asalekar, AJ; Sastry, DVAR	Enhancing high-speed CNC milling performance of Ti6Al4V alloy through the application of ZnO-Ag hybrid nanofluids	ENGINEERING RESEARCH EXPRESS	2024	10.1088/2631-8695/ad476d	Emerging Sources Citation Index (ESCI)	WOS Proof
249	Ghosh, N; Deb, D; Dey, P	Optical tunability of magnetoimpedance properties in La0.7Sr0.3MnO3-Glass nanocomposites: a signature of Opto-spintronics	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2024	10.1007/s00339-024-07868-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
250	Sajja, A; Rooban, S	FPGA implementation of automatic seizure detection in EEG signals using machine learning algorithm	DISCOVER APPLIED SCIENCES	2024	10.1007/s42452-024-06060-4	Emerging Sources Citation Index (ESCI)	WOS Proof
251	Kousrali, S; Kowtharapu, LP; Mondal, T	Gas chromatography mass spectrometer determination of dimethylamine impurity in N,N-dimethylformamide solvent by derivatization of N,N-dimethylbenzamide with benzoyl chloride agent	BIOMEDICAL CHROMATOGRAPHY	2024	10.1002/bmc.5920	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
252	Pal, A; Banerjee, P; Deb, D; Dey, P	Evidence of magneto-optical tunability in impedance spectroscopy of ZnO-rGO/La0.7Sr0.3MnO3/ITO heterostructure	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-024-12153-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
253	Sasidhar, K; Kumar, PR; Anuradha, N; Kumar, AA; Raju, NN	Analytical Models for Materialized View Maintenance Methods	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-49	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
254	Babu, MA; Kumar, JVS; Naresh, N; Mankumare, SD	Sensitive and validated UPLC-MS/MS method for the identification and characterization of forced degradation products for felodipine	ACTA CHROMATOGRAPHICA	2024	10.1556/1326.2022.01106	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
255	Raju, CK; Kumar, JVS; Yesudas, K; Palusa, SKG	Isolation and characterization of novel degradation products in fenoverine by LC-QTOF-MS/MS, LC-MSn and 2D-NMR	NEW JOURNAL OF CHEMISTRY	2024	10.1039/d3nj05623f	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
256	Pydala, B; Kumar, TP; Baseer, KK	VISISENSE: A COMPREHENSIVE IOT-BASED ASSISTIVE TECHNOLOGY SYSTEM FOR ENHANCED NAVIGATION SUPPORT FOR THE VISUALLY IMPAIRED	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i2.2619	Emerging Sources Citation Index (ESCI)	WOS Proof
257	Anuradha, N; Reddy, PV	Aspect Based Suggestion Classification Using Deep Neural Network and Principal Component Analysis with Honey Badger Optimization	OPTICAL MEMORY AND NEURAL NETWORKS	2024	10.3103/S1060992X24700036	Emerging Sources Citation Index (ESCI)	WOS Proof
258	Shaik, RB; Rao, BL; Rani, DS	Simulation modeling of PMBLDC motor speed control in electric propulsion of EV system using adaptive nonlinear fuzzy sliding mode controller (ANF-SMC)	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2024	10.1142/S1793962324410198	Emerging Sources Citation Index (ESCI)	WOS Proof
259	Kumar, KR; Dam, KK; Venkatasatyanarayana, V	Application of Taguchi based entropy weighted TOPSIS method for AZ 91D magnesium alloy friction stir welded joints with cerium addition at interface	JOURNAL OF CERAMIC PROCESSING RESEARCH	2024	10.36410/jcpr.2024.25.2.151	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
260	Kumbhare, VR; Rathi, T; Majumder, MK	Significance of Porous Graphene for Gas Sensing and Charge Storage Applications	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2024.2315191	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
261	Anitha, CH; Parveen, N	Deep artificial neural network based multilayer gated recurrent model for effective prediction of software development effort	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18120-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
262	Bhaskar, G; Rao, KVN; Kumar, MU	Investigating Temperature Effects on Thermal Analysis of Composite Heat Pipes with Diverse Geometrical Configurations	JOURNAL OF POLYMER & COMPOSITES	2024		Emerging Sources Citation Index (ESCI)	WOS Proof

263	Anna, VR; Kumar, BS; Harish, J; Tatavarti, BK; Eswarlal, T	Characterization of Forced Degradation Products of Netarsudil: Optimization and Validation of a Stability-Indicating RP-HPLC Method for Simultaneous Quantification of Process-Related Impurities	TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES	2024	10.4274/tjps.galenos.2023.99148	Emerging Sources Citation Index (ESCI)	WOS Proof
264	Majji, NK; Madhavareddy, VN; Immadi, G; Ambati, N	A Low-Profile Electrically Small Serrated Rectangular Patch Antenna for RFID Applications	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2024	10.48084/etasr.6989	Emerging Sources Citation Index (ESCI)	WOS Proof
265	Kumari, LK; Jagadesh, BN	An adaptive teaching learning based optimization technique for feature selection to classify mammogram medical images in breast cancer detection	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-021-01598-7	Emerging Sources Citation Index (ESCI)	WOS Proof
266	Babu, CNN; Reddy, CS; Tatavarti, BK; Madhavi, MR; Anna, VR	Characterization of degradation products of the Balsalazide by Mass spectrometry: Optimization of stability-indicating HPLC method for separation and quantification of process related impurities of Balsalazide	ANALYTICAL SCIENCE AND TECHNOLOGY	2024	10.5806/AST.2024.37.1.25	Emerging Sources Citation Index (ESCI)	WOS Proof
267	Rani, KP; Vidyullatha, P; Rao, KS	An optimized topic modeling question answering system for web-based questions	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18166-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
268	Keshamoni, K; Rao, LK; Rao, DS	A Multi-Modal CNN-based Approach for COVID-19 Diagnosis using ECG, X-Ray, and CT	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
269	Prakash, K; Kumar, YVPVP; Himajyothi, K; Reddy, GP	Comprehensive Bibliometric Analysis on Smart Grids: Key Concepts and Research Trends	ELECTRICITY	2024	10.3390/electricity5010005	Emerging Sources Citation Index (ESCI)	WOS Proof
270	Babu, KVS; Achuthan, A; Ahmad, S	Hydrological assessment of the Gundlakamma sub-basin through SWAT modeling: integration of land use land cover (LULC) and climate changes	JOURNAL OF WATER AND CLIMATE CHANGE	2024	10.2166/wcc.2024.618	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
271	Korada, VPV; Ragamayi, S; Iampan, A	Bipolar Fuzzy Filters of Gamma-Near Rings	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	2024	10.28924/2291-8639-22-2024-2	Emerging Sources Citation Index (ESCI)	WOS Proof
272	Dileep, K; Srinath, A; Banapurmath, NR; Umarfarooq, MA; Sajjan, AM	Impact of hybrid nanoparticle reinforcements on mechanical properties of Epoxy-Polylactic Acid (PLA) Composites	FRATTURA ED INTEGRITA STRUTTURALE-FRACTURE AND STRUCTURAL INTEGRITY	2024	10.3221/IGF-ESIS.70.05	Emerging Sources Citation Index (ESCI)	WOS Proof
273	Gao, C; Liu, F; Gu, CF; Singh, R; Zhang, BY; Kumar, S	Development of WS2-QDs/MoS2-NSs-Based WaveFlex Biosensor for Tyramine Detection in Real Food Samples	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3404424	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
274	Devi, PS; Babu, KH; Kumar, YS	Derivation Alternator Rings with $S(a, b, c) = 0$	BOLETIM SOCIEDADE PARANAENSE DE MATEMATICA	2024	10.5269/bspm.64969	Emerging Sources Citation Index (ESCI)	WOS Proof
275	Leelavati, TS; Madhavi, S; Venkateswara, KS; Chandra, RKG	Glass ceiling: A study on women employees in select Indian service sectors	ORGANIZATSIONNAYA PSIKOLOGIYA	2024	10.17323/2312-5942-2024-14-1-196-202	Emerging Sources Citation Index (ESCI)	WOS Proof
276	Yin, QY; Singh, R; Wang, YR; Zhang, BY; Kumar, S	SMF-MMF-SCF-Based Humanoid-Shaped Fiber-Optic Sensor for Wide Range of Magnetic Field Detection	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3409508	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
277	Janga, S; Raut, AN; Murmu, AL	Assessment of thermal and mechanical properties of fly ash based geopolymer blocks with a sustainability perspective using multi-criteria decision-making approach	JOURNAL OF BUILDING ENGINEERING	2024	10.1016/j.jobbe.2024.109261	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
278	Sen, S; Abouelresh, MO; Santra, A; Al-Musabeh, AH; Al-Ismail, FS	Geoheritage Assessment of the Geosites in Tuwaiq Mountain, Saudi Arabia: in the Perspective of Geoethics, Geotourism, and Geoconservation	GEOHERITAGE	2024	10.1007/s12371-023-00908-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
279	Kolli, SR; Rahman, MZU; Bayleyegn, MD	EECS-GT: Energy-Efficient Collaborative Sensing Model Using Game Theory for Wireless Sensor Networks	IEEE ACCESS	2024	10.1109/ACCESS.2024.3445953	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

280	Kanakala, VR; Mohan, KJ; Reddy, VK	Design of a novel masking-based deep convolutional neural network approach for accident classification	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2024	10.1142/S179396232441006X	Emerging Sources Citation Index (ESCI)	WOS Proof
281	Bingu, R; Jothilakshmi, S; Srinivasu, N	Security and privacy preservation using constructive hierarchical data-sharing approach in cloud environment	INFORMATION SECURITY JOURNAL	2024	10.1080/19393555.2022.2128942	Emerging Sources Citation Index (ESCI)	WOS Proof
282	Yogesh, H; Pooja, G; Kumar, MM; Sangeetha, M; Kumaran, R; Balakumaran, MD; Mythily, R; Tamizhdurai, P; Mangesh, VL	Isolation of carminic acid from essential oil, its characterization and applications towards replacing toxic colourants used in soaps	SOUTH AFRICAN JOURNAL OF CHEMICAL ENGINEERING	2024	10.1016/j.sajce.2023.10.007	Emerging Sources Citation Index (ESCI)	WOS Proof
283	Zhou, XL; Xie, YY; Fu, QQ; Gao, FL; Zhu, WX; Singh, R; Zhang, BY; Kumar, S	CeO ₂ -NRs/MXene-Immobilized WaveFlex Biosensor for Acrylamide Detection in Real Food Samples	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	2024	10.1109/TIM.2024.3443329	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
284	Ulavapalli, GR; Ravindhranath, K; Reddy, GVS; Duvvuri, SR	Bio-extracts of Citrus limon leaves in the beneficiation of coal used in thermal power generation	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-022-03437-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
285	Nallapureddy, J; Sreekanth, TVM; Pallavolu, MR; Babu, PSS; Nallapureddy, RR; Jung, JH; Joo, SW	Strategic Way of Synthesizing Heteroatom-Doped Carbon Nano-onions Using Waste Chicken Fat Oil for Energy Storage Devices	ACS APPLIED MATERIALS & INTERFACES	2024	10.1021/acsami.4c02753	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
286	Vali, SKS; Rao, KS	Design of wide stopband lowpass filter using defected ground structure	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05651-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
287	Almeshaal, M; Shanmugan, S	Improving thermal efficiency of solar stills: Bioactive nano-PCM and Cramer's rule analysis	SEPARATION AND PURIFICATION TECHNOLOGY	2024	10.1016/j.seppur.2024.127119	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
288	Srivani, I; Sridhar, M; Swamy, KCT; Ratnam, DV	Multi-class classification of ionospheric scintillations using SMOTE-Super Learner ensemble technique	ADVANCES IN SPACE RESEARCH	2024	10.1016/j.asr.2023.09.039	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
289	Prathiba, A; Babu, PJ; Sathyanarayana, M; Devi, BTL; Bandari, S	Convection and heat transfer analysis of Cu-water rotatory flow with non-uniform heat source	ARCHIVES OF THERMODYNAMICS	2024	10.24425/ather.2024.151225	Emerging Sources Citation Index (ESCI)	WOS Proof
290	Ravikumar, S; Sekar, S; Sireenjeevi, P; Deepa, R	Optimizing resource allocation in Ultra-Dense networks with UAV Assistance: A levy Flight-based approach	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2023.120954	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
291	Kumar, AP; Lorenzo, R	Single-Ended Near Threshold 9T SRAM for Portable Low-Power Biomedical Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S0218126625500562	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
292	Patra, N; Ramesh, P; Donthu, V; Ahmad, A	Biopolymer-based composites for sustainable energy storage: recent developments and future outlook	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ENGINEERING	2024	10.1186/s40712-024-00181-9	Emerging Sources Citation Index (ESCI)	WOS Proof
293	Thirupathaiah, K; Qasymeh, M	Terahertz Dual-Band Antennas Using Step Impedance Resonators With Coplanar Waveguides for Subwavelength Wireless Networks	IEEE ACCESS	2024	10.1109/ACCESS.2024.3423725	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
294	Upadhyay, U; Kolla, S; Chelluri, LK	Extracellular matrix composition analysis of human articular cartilage for the development of organ-on-a-chip (vol 667, pg 81, 2023)	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	2024	10.1016/j.bbrc.2024.150364	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
295	Sharma, PS; Choudhary, K; Kumar, S	High-Fidelity Dopamine Detection With 2-D Material-Assisted and Plasmon-Enhanced Etched Core-Mismatched Optical Fiber Sensor	IEEE TRANSACTIONS ON PLASMA SCIENCE	2024	10.1109/TPS.2024.3418198	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
296	Rayapati, AM; Vemulapati, B; Chanda, C	Cobra (Naja naja) venom L-amino acid oxidase (NNLAAO70) induces apoptosis and secondary necrosis in human lung epithelial cancer cells	JOURNAL OF BIOSCIENCES	2024	10.1007/s12038-024-00429-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

297	Rajeshkumar, K; Dhanasekaran, S; Vasudevan, V	A novel three-factor authentication and optimal mapreduce frameworks for secure medical big data transmission over the cloud with shaxecc	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18147-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
298	Somula, R; Cho, YY; Mohanta, BK	SWARAM: Osprey Optimization Algorithm-Based Energy-Efficient Cluster Head Selection for Wireless Sensor Network-Based Internet of Things	SENSORS	2024	10.3390/s24020521	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
299	Alla, VRSP; Medikundu, NR; Kanakavalli, PB; Ravulapalli, VP	Design and development of mixed integer programming model for scheduling tasks through artificial intelligence	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01488-1	Emerging Sources Citation Index (ESCI)	WOS Proof
300	Chalapathi, MMV; Vali, DK; Kumar, YVP; Reddy, CP; Kasaraneni, PP	AN INSIGHT INTO VIABLE MACHINE LEARNING MODELS FOR EARLY DIAGNOSIS OF CARDIOVASCULAR DISEASE	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i1.2326	Emerging Sources Citation Index (ESCI)	WOS Proof
301	Fu, QQ; Xie, YY; Gao, FL; Singh, R; Zhou, XL; Zhang, BY; Kumar, S	Four-core fiber-based multi-tapered WaveFlex biosensor for rapid detection of Vibrio parahaemolyticus using nanoparticles-enhanced probes	OPTICS EXPRESS	2024	10.1364/OE.530225	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
302	Krishnaiah, VVJR; Prakash, VNVS; Chandra, GR; Sirisha, PGK; Mohan, KJ; Rejeti, VKK; Sundari, PN	Optimizing ZnO/CdS/CdTe bilayer structures for enhanced CdTe solar cell efficiency: A machine learning approach	MRS ADVANCES	2024	10.1557/s43580-024-00772-w	Emerging Sources Citation Index (ESCI)	WOS Proof
303	Premkumar, N; Madhavi, MR; Kitmo, K; Shanmugan, S	Utilizing the lignocellulosic fibers from Pineapple Crown Leaves extract for enhancing TiO2 interfacial bonding in dye-sensitized solar cell photoanodes	MATERIALS FOR RENEWABLE AND SUSTAINABLE ENERGY	2024	10.1007/s40243-023-00245-4	Emerging Sources Citation Index (ESCI)	WOS Proof
304	Janga, S; Raut, AN; Adamu, M; Ibrahim, YE	Thermo-mechanical performance assessment of geopolymer synthesized with steel slag and glass powder at elevated temperatures	POWDER TECHNOLOGY	2024	10.1016/j.powtec.2024.120047	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
305	Naga, VNJ; Gubbiyappa, KS	Development and Evaluation of Efavirenz Solid Dispersion by Solvent Evaporation and Fusion Methods	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.2.62	Emerging Sources Citation Index (ESCI)	WOS Proof
306	Sangeetha, A; Shanmugan, S; Alasiri, A	ZnO/nZVI nanoparticle-enhanced double-slope U-shaped solar distillation: A thermodynamic investigation of cephalixin adsorption	MATERIALS TODAY SUSTAINABILITY	2024	10.1016/j.mtsust.2024.100983	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
307	Kolipara, S; Ahmed, T; Chougule, M; Guntupalli, C; Sivadasu, P	Conventional vs Mechanistic IVIVC: A Comparative Study in Establishing Dissolution Safe Space for Extended Release Formulations	AAPS PHARMSCITECH	2024	10.1208/s12249-024-02819-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
308	Rao, PS; Srinath, A; Narayana, KL	Correlation Between XRD Analysis and Mechanical Characterization Using Lens Manufactured Specimens Based on IoT Sensors	JOURNAL OF POLYMER & COMPOSITES	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
309	Goud, BH; Shankar, TN; Sah, B; Aluvalu, R	Energy optimization in path arbitrary wireless sensor network	EXPERT SYSTEMS	2024	10.1111/exsy.13282	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
310	Zhang, Q; Gu, CF; Singh, R; Zhang, BY; Kumar, S	Development of WaveFlex Biosensor for Rapid Detection of Glyphosate Herbicide in Real Agricultural Products	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3380601	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
311	Kethineni, K; Pradeepini, G	Intrusion detection in internet of things-based smart farming using hybrid deep learning framework	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2024	10.1007/s10586-023-04052-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
312	Padma, SV; Mallesh, MP; Jamuna, B; Reddy, SRR; Jakeer, S	Exploring double-diffusive convection in ferromagnetic Carreau nanofluid with magnetic dipole: Insights for solar thermal systems over plate, wedge, and stagnation	CASE STUDIES IN THERMAL ENGINEERING	2024	10.1016/j.csite.2024.104952	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
313	Sutradhar, M; Singh, BK; Samanta, S; Ali, MN; Mandal, N	The overexpression of OsMed 37_6 , a mediator complex subunit enhances salt stress tolerance in rice	BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY	2024	10.1016/j.bcab.2024.103212	Emerging Sources Citation Index (ESCI)	WOS Proof

314	Bakkaiahgari, PVD; Prasad, KV	Advanced Authentication and Energy-Efficient Routing Protocol for Wireless Body Area Networks	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S0218126624502396	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
315	Bandi, L; Lakshmisetty, NS; Ankireddy, K; Pulipati, LLV; Bontu, AL; Aluru, RR; Chanda, C	Optimization of Lipase Production from Pseudomonas fluorescens	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.1.32	Emerging Sources Citation Index (ESCI)	WOS Proof
316	Seif, A; Panda, SK	Characterizing global equatorial sporadic-E layers through COSMIC GNSS radio occultation measurements	ASTROPHYSICS AND SPACE SCIENCE	2024	10.1007/s10509-024-04326-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
317	Rani, KP; Vidyullatha, P; Rao, KS	An Intelligent Tuned Topic Modelling Questing Answering System as Job Assistant	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11160-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
318	Sethy, S; Rana, J; Sharma, P; Das, SR	Comparative performance investigation and sustainability assessment in electrical discharge machining of SS316 using different dielectrics	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	2024	10.1177/09544062231195951	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
319	Goyal, S; Rani, P	Multi-criteria decision-making based on Einstein operators, WASPAS method and quadripartitioned single-valued neutrosophic sets	GRANULAR COMPUTING	2024	10.1007/s41066-024-00482-6	Emerging Sources Citation Index (ESCI)	WOS Proof
320	Padma, SV; Mallesh, MP; Sanjalee, M; Chamkha, AJ	Flow stability simulation over a stretching/shrinking surface with thermal radiation and viscous dissipation of hybrid nanofluids	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-023-12858-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
321	Venkatapathi, P; Khan, H; Rao, SS; Immadi, G	Cooperative Spectrum Sensing Performance Assessment using Machine Learning in Cognitive Radio Sensor Networks	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2024	10.48084/etasr.6639	Emerging Sources Citation Index (ESCI)	WOS Proof
322	Zhang, GW; Singh, R; Zhang, BY; Liu, FZ; Kumar, S; Li, GR	ZnO-NWs and WS ₂ -QDs-Functionalized Multicore Fiber-Based W-Shaped Waveflex Biosensor for Rapid Detection of Hemoglobin A1c in Serum Samples	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	2024	10.1109/TIM.2024.3470974	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
323	Suneetha, C; Rao, SS; Ramesh, KS	Fuzzy guided integrative factors-based spectrum decision-making in cognitive radio networks	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2024	10.1108/IJIUS-08-2019-0033	Emerging Sources Citation Index (ESCI)	WOS Proof
324	Shanthi, G; Rao, KS; Kumar, AS; Vali, SS; Sravani, KG; Hasan, MM; Tanuja, H; Yashwanth, C	Multi-bit error detection and correction codes implementation using generator-parity check matrices technique	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05786-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
325	Vali, AK; Varma, PS; Reddy, CR	Pelican-FOPID Based DSTATCOM for real-time load compensation and harmonics mitigation in three-phase distribution system	SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS	2024	10.1016/j.suscom.2024.100978	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
326	Butool, S; Balaji, B; Gowthami, Y; Singh, L	An Improved Structure and Analysis of Asymmetrical Spacer Nanowire Tunnel Field Effect Transistor	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.12c.01	Emerging Sources Citation Index (ESCI)	WOS Proof
327	Nallapaty, S; Malothu, N; Konidala, SK; Areti, AR; Guntupalli, C	HR-LCMS Metabolite Profiling and in silico Evaluation of the Antidiabetic Activity of Methanolic Leaf Extract of Chrozophora rottleri (Geiseler) A. Juss. Ex Spreng.	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2024	10.5530/ijper.58.4.140	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
328	Liu, ZY; Singh, R; Wang, GJ; Li, GR; Zhang, BY; Kumar, S	Laser-Induced AuNPs/ZnO-NWs/MoS ₂ -NSs-Coated TTIT-Shaped Seven-Core Fiber-Based Biosensor for Riboflavin Detection	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3421325	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
329	Wang, RT; Xiao, LC; Fu, QQ; Singh, R; Xie, YY; Zhang, BY; Kumar, S	ZnO-NWs/WS ₂ -Thin Layer-Functionalized TST-Based WaveFlex Biosensor for Rapid Detection of Food Spoilage	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3400410	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
330	Thiruvarangan, V; Rajavarathan, J; Panda, SK; Jayakody, JAS	Geomagnetic storm effect on equatorial ionosphere over Sri Lanka through total electron content observations from continuously operating reference stations network during Mar-Apr 2022	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2024-0009	Emerging Sources Citation Index (ESCI)	WOS Proof

331	Vanga, NR; Ratnam, KV; Ummiti, K; Ratnakaram, VN	Development of a Stability-Indicating Purity Method for Ubrogapant Through Stress Degradation Analysis, Extraction, and Characterization of Unidentified Degradation Products Using Flash Chromatography, NMR, IR, and LC-MS	JOURNAL OF AOAC INTERNATIONAL	2024	10.1093/jaoacint/qsae057	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
332	Kamireddy, S; Sangeetha, S; Kosanam, S	Phytosomal Drug Delivery System: A Detailed Study	CURRENT TRADITIONAL MEDICINE	2024	10.2174/2215083810666230531163053	Emerging Sources Citation Index (ESCI)	WOS Proof
333	Babu, JS; Ch, SC; Bhattacharyya, D; Byun, Y	RETRACTION: RETRACTED: Babu et al. Estimating the Crop Acreage of Menthol Mint Crop from Remote Sensing Satellite Imagery Using ANN. Agronomy 2023, 13, 951	AGRONOMY-BASEL	2024	10.3390/agronomy14102221	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
334	Yegnanarayana, B; Pannala, V	Processing group delay spectrograms for study of formant and harmonic contours in speech signals	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2024	10.1121/10.0032364	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
335	Patrick, U; Rao, SK; Jagan, BOL; Lakshmi, MK; Mohammed, TK	Unscented Kalman Filters Integrated with Deep Learning Approaches for Active Sonar Based 2D Underwater Target Tracking	DEFENCE SCIENCE JOURNAL	2024	10.14429/dsj.74.19683	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
336	Li, XS; Singh, R; Zhang, BY; Kumar, S; Li, GR	Development of a biophotonic fiber sensor using direct-taper and anti-taper techniques with seven-core and four-core fiber for the detection of doxorubicin in cancer treatment	OPTICS EXPRESS	2024	10.1364/OE.525125	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
337	Gade, HB; Odugu, VK; Rao, BJ; Satish, B; Venkatram, N; Revathi, K	Efficient single image-based dehazing technique using convolutional neural networks	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18784-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
338	Bhimavarapu, U; Chintalapudi, N; Battineni, G	Brain Tumor Detection and Categorization with Segmentation of Improved Unsupervised Clustering Approach and Machine Learning Classifier	BIOENGINEERING-BASEL	2024	10.3390/bioengineering11030266	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
339	Alagarsamy, S; Nagarajan, V; Devi, MMY	OMIBC: optimal modified identity-based cryptography for signcryption and private key extraction using fuzzy model	WIRELESS NETWORKS	2024	10.1007/s11276-023-03624-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
340	Kabra, P; Rani, DS	Enhanced LA-HBO technique for optimal position of PMU with complete prominence	JOURNAL OF HIGH SPEED NETWORKS	2024	10.3233/JHS-230170	Emerging Sources Citation Index (ESCI)	WOS Proof
341	Sutradhar, M; Singh, BK; Samanta, S; Ali, MN; Mandal, N	The introduction of pre-culture, washing and pre-selection stages enhances rice transformation efficiency by reducing Agrobacterium overgrowth	CEREAL RESEARCH COMMUNICATIONS	2024	10.1007/s42976-024-00529-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
342	Palanikumar, G; Muthucumaraswamy, R; Chithambaram, V; Shanmugan, S	Performance and rotational study of solar box cooker utilizing PCM and hybrids deep algorithm approach	NUMERICAL HEAT TRANSFER PART B-FUNDAMENTALS	2024	10.1080/10407790.2024.2352860	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
343	Singh, R; Choudhary, P; Kumar, S; Daima, HK	Mechanistic approaches for crosstalk between nanomaterials and plants: plant immunomodulation, defense mechanisms, stress resilience, toxicity, and perspectives	ENVIRONMENTAL SCIENCE-NANO	2024	10.1039/d4en00053f	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
344	Gupta, VK; Choudhary, K; Kumar, S	Ascorbic Acid Detection Using Gold Nanoparticles and Graphene Oxide-Coated SMS Optical Fiber-Based Sensor	PLASMONICS	2024	10.1007/s11468-024-02577-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
345	Venkateswarlu, B; Yaswanth, N; Kumar, AM; Satish, U; Dwijesh, K; Sunanda, N	Cinematic Curator: A Machine Learning Approach to Personalized Movie Recommendations	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
346	Bhimavarapu, U; Chintalapudi, N; Battineni, G	Automatic Detection and Classification of Hypertensive Retinopathy with Improved Convolution Neural Network and Improved SVM	BIOENGINEERING-BASEL	2024	10.3390/bioengineering11010056	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

347	Rani, PR; Venkateswarlu, M; Swapna, K; Mahamuda, S; Rao, A	Colour tunable photoluminescence studies of Dy3+/Eu3+co-doped BaPbAlFB glasses for epoxy-free w-LED applications	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2024	10.1016/j.saa.2024.124438	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
348	Zhang, GW; Singh, R; Zhang, BY; Li, GR; Kumar, S	Optical Fiber-Based Wearable Sensors for Remote Health Monitoring [Invited]	ADVANCED SENSOR RESEARCH	2024	10.1002/adsr.202400082	Emerging Sources Citation Index (ESCI)	WOS Proof
349	Upadhyay, U; Kolla, S; Maredupaka, S; Priya, S; Srinivasulu, K; Chelluri, LK	Development of an alginate-chitosan biopolymer composite with dECM bioink additive for organ-on-a-chip articular cartilage	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-62656-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
350	Sreenivasulu, A; Rao, BVA	Qualitative Aspects for Volterra Integro-Dynamic Matrix Sylvester Impulsive System on Time Scales	JOURNAL OF APPLIED NONLINEAR DYNAMICS	2024	10.5890/JAND.2024.03.006	Emerging Sources Citation Index (ESCI)	WOS Proof
351	Yadlapalli, P; Bhavana, D	HYBRID ARCHITECTURE STRATEGIES FOR THE PREDICTION OF ACUTE PULMONARY EMBOLISM FROM COMPUTED TOMOGRAPHY IMAGES	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i1.2320	Emerging Sources Citation Index (ESCI)	WOS Proof
352	Kapilavai, S; Aluru, RR; Chanda, C	Purification and Production Optimization of Bacterial Pectinases Using Fruit Waste	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.4.133	Emerging Sources Citation Index (ESCI)	WOS Proof
353	Prasanna, JL; Kumar, A; Kumar, MR; Chella, S	Exploring the viability of secondary absorber materials in perovskite solar cell structures through computational analysis	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad6aa9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
354	Nalamalapu, KR; Veeravilli, S; Kolli, L; Karumuru, SR; Karna, RST; Koppula, S; Potta, S; Nelluri, KDD	Emerging Trends and Advancements in Pharmaceutical FormulationsTechnologies	ASIAN JOURNAL OF PHARMACEUTICS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
355	Kanna, SKR; Shajin, FH; Rajesh, P; Mannepalali, K	A multi-branch multi-scale convolutional neural network using automatic detection of fetal arrhythmia	SIGNAL IMAGE AND VIDEO PROCESSING	2024	10.1007/s11760-024-03133-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
356	Shanthi, G; Sravani, KG; Vali, SS; Ashwini, N; Sainath, G; Sai, PG	Design and FPGA implementation of AHB-to-APB bridge	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05703-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
357	Kumar, AP; Lorenzo, R	Design of high-K dielectric HSS-DMG Junctionless FinFET using hetero GOS for nanoscale application	ENGINEERING RESEARCH EXPRESS	2024	10.1088/2631-8695/ad5494	Emerging Sources Citation Index (ESCI)	WOS Proof
358	Ch, R; Ammal, MN; Madhav, BTP	Dielectric resonator antenna with square slot dgs and amc support for gain enhancement	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad7425	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
359	Vankadara, RK; Seif, A; Panda, SK	Occurrence characteristics of ionospheric scintillations in the civilian GPS signals (L1, L2, and L5) through a dedicated scintillation monitoring receiver at a low-latitude location in India during the 25th solar cycle	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2024-0041	Emerging Sources Citation Index (ESCI)	WOS Proof
360	Harika, P; Sravani, KG; Shanthi, G; Jaffery, MDB; Sai, KR; Vali, SS	Comprehensive analysis of fully depleted and partially depleted silicon-on-insulator FET device	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05709-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
361	Rajesh, CR; Meenalochini, P; Kannaiah, SK; Bindu, A	A hybrid control topology for cascaded H-bridge multilevel inverter to improve the power quality of smart grid connected system: NBO-RERNN approach	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2023.122054	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
362	Oke, AS; Juma, BA; Reddy, GVR	Heat and mass transfer in MHD flow of SWCNT and graphene nanoparticles suspension in Casson fluid	ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK	2024	10.1002/zamm.202300106	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
363	Das, JC; Debnath, B; De, D; Mohan, VM	Dual banyan network (DBN) design: A quantum-dot cellular automata (QCA) based approach	NANO COMMUNICATION NETWORKS	2024	10.1016/j.nancom.2024.100528	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

364	Karanamu, S; Konda, J; Vali, SK	A study of mixed convection magnetohydrodynamics Williamson nanofluid flow over a nonlinear permeable elongating sheet over a porous medium with viscous dissipation	HEAT TRANSFER	2024	10.1002/htj.23177	Emerging Sources Citation Index (ESCI)	WOS Proof
365	Varma, AK; Kumar, B; Ramakrishn, A; Mitra, D	MULTI-HOP RELAY SELECTION FOR COOPERATIVE SENSING IN COGNITIVE RADIO NETWORKS	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	2024	10.59277/RRST-EE.2024.69.2.20	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
366	Keesara, SR; Bolla, R; Bharathkumar, H; Varkolu, M	An Efficient Synthesis and Characterization of Amine and Amide Derivatives of Ethyl 6-(trifluoromethyl)nicotinate	CHEMISTRYSELECT	2024	10.1002/slct.202304090	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
367	Devi, AM; Sankeshi, V; Ravali, A; Bandaru, S; Theendra, VK; Sagurthi, SR	Inhibitory effect of Nifedipine on aldose reductase delays cataract progression	NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY	2024	10.1007/s00210-023-02588-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
368	Akella, R; Gunturi, SK; Sarkar, D	Enhancing Power Line Insulator Health Monitoring with a Hybrid Generative Adversarial Network and YOLO3 Solution	TSINGHUA SCIENCE AND TECHNOLOGY	2024	10.26599/TST.2023.9010137	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
369	Gundu, V; Simon, SP	Forecasting of price signals using deep recurrent models	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02546-x	Emerging Sources Citation Index (ESCI)	WOS Proof
370	Ramakrishnan, G; Gujjula, KR; Mekala, JR; Thanay, ASS; Praveen, T; Priyanka, H; Govind, G; Bhavana, JS; Shaik, B; Varakala, NR	Exploring Bioactive Compounds of Rauvolfia tetraphylla L. (RT) for 3CLprotease of SARS-CoV2: GC-MS Analysis and In-Silico Studies	CELL BIOCHEMISTRY AND BIOPHYSICS	2024	10.1007/s12013-024-01421-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
371	Manda, K; Kasetti, AB; Yendluri, RJR; Jamullamudi, RN; Karnati, S; Arakareddy, BP; Silvia, N	Pharmacognostic and Physicochemical Studies of Aerva sanguinolenta (L) Blume	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2024		Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
372	Sattu, R; Das, S; Jena, LK	Should I adopt AI during talent acquisition? Evidence from HR professionals of Indian IT organisations	JOURNAL OF ORGANIZATIONAL EFFECTIVENESS-PEOPLE AND PERFORMANCE	2024	10.1108/JOEPP-05-2023-0186	Emerging Sources Citation Index (ESCI)	WOS Proof
373	Singh, U; Sharma, SK; Shukla, M; Jha, P	Blockchain-based BATMAN protocol using mobile ad hoc network (MANET) with an ensemble algorithm	INTERNATIONAL JOURNAL OF INFORMATION SECURITY	2024	10.1007/s10207-023-00804-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
374	Rizvi, HA; Rahaman, M; Ali, I	Convergence Analysis of Resolvent Equation Technique for Co-Variational Inequality Problem in Banach Spaces	CONTEMPORARY MATHEMATICS	2024	10.37256/cm.5220243429	Emerging Sources Citation Index (ESCI)	WOS Proof
375	Babu, PR; Srikrishna, A; Gera, VR	Diagnosis of tomato leaf disease using OTSU multi-threshold image segmentation-based chimp optimization algorithm and LeNet-5 classifier	JOURNAL OF PLANT DISEASES AND PROTECTION	2024	10.1007/s41348-024-00953-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
376	Shamila, M; Rekha, G; Reddy, KV	An efficient graph community clustering and ranking-based cryptographic privacy preserving framework on large social databases	COGENT ENGINEERING	2024	10.1080/23311916.2024.2380351	Emerging Sources Citation Index (ESCI)	WOS Proof
377	Mahanty, S; Kumar, A; Kumar, S	Realization of 4-Bit Parity Checker Circuit Using XPM Technique-Based Phase-Shifted Fiber Bragg Grating Scheme	JOURNAL OF ELECTRONIC MATERIALS	2024	10.1007/s11664-024-11492-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
378	Arasavilli, A; Babu, MK; Rao, AN	Evaluating factors influencing students' decisions to pursue higher education abroad: a structural equation modelling study	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02465-x	Emerging Sources Citation Index (ESCI)	WOS Proof

379	Gundu, V; Simon, SP	Duck shaped load curve supervision using demand response program with LSTM based load forecast	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2024	10.1007/s12046-024-02532-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
380	Kazi, AM; Ramasastry, DVA; Waddar, S; Mane, SG	Characterization of Lignocellulosic Roselle Fibre Epoxy Composites for Lightweight Structures	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	2024	10.1007/s12666-023-03239-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
381	Kishore, PVV; Kumar, DA; Kumar, PP; Srihari, D; Sasikala, N; Divyasree, L	Machine Interpretation of Ballet Dance: Alternating Wavelet Spatial and Channel Attention Based Learning Model	IEEE ACCESS	2024	10.1109/ACCESS.2024.3390004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
382	Mounikalakshmi, R; Eswarlal, T; Jana, C	Bipolar fuzzy INK-subalgebras of INK-algebras	AIMS MATHEMATICS	2024	10.3934/math.20241340	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
383	Vanitha, K; Jyothi, B; Kumar, RS; Chandrika, VS; Singh, AR; Naidoo, RM	A Quantum-Inspired Optimization Strategy for Optimal Dispatch to Increase Heat and Power Efficiency	JOURNAL OF ENGINEERING	2024	10.1155/2024/6665062	Emerging Sources Citation Index (ESCI)	WOS Proof
384	Dinakarkumar, Y; Ramakrishnan, G; Gujjula, KR; Vasu, V; Balamurugan, P; Murali, G	Fungal bioremediation: An overview of the mechanisms, applications and future perspectives	ENVIRONMENTAL CHEMISTRY AND ECOTOXICOLOGY	2024	10.1016/j.enceco.2024.07.002	Emerging Sources Citation Index (ESCI)	WOS Proof
385	Kumar, B; Kumar, N; Kumar, M; Prasad, SVS; Varma, AK; Ravi, B	Comparative Studies of Single-Channel Speech Enhancement Techniques	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2023.2273299	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
386	Panyala, A; Manickam, B	Generative adversarial network for Multimodal Contrastive Domain Sharing based on efficient invariant feature-centric growth analysis improved brain tumor classification	ELECTROMAGNETIC BIOLOGY AND MEDICINE	2024	10.1080/15368378.2024.2375266	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
387	Shaik, KS; Saritha, N; Reddy, GN	Design, synthesis and biological evaluation of aryl isoxazole incorporated pyrimidin-2-yl)oxazolo[4,5-b]pyridine derivatives as anticancer agents	RESULTS IN CHEMISTRY	2024	10.1016/j.rechem.2024.101628	Emerging Sources Citation Index (ESCI)	WOS Proof
388	Bikku, T; Malligunta, KK; Thota, S; Surapaneni, PP	Improved Quantum Algorithm: A Crucial Stepping Stone in Quantum-Powered Drug Discovery	JOURNAL OF ELECTRONIC MATERIALS	2024	10.1007/s11664-024-11275-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
389	Iampan, A; Uppuluri, VK; Eswarlal, T	A Study on Quotient Structures of Bipolar Fuzzy Finite State Machines	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	2024	10.28924/2291-8639-22-2024-58	Emerging Sources Citation Index (ESCI)	WOS Proof
390	Yadav, A; Prakash, A; Kumar, S; Kumar, A	Design and analysis of an electro-optic effect-driven directional coupler for realization of an optical BCD to excess-3 code converter circuit	APPLIED OPTICS	2024	10.1364/AO.532715	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
391	Ambi, RR; Mulla, MG; Pittala, RK	NO2 sensing properties of chemically deposited vertically aligned flowerlike hexagonal ZnO nanorods	SENSORS AND ACTUATORS A-PHYSICAL	2024	10.1016/j.sna.2024.115621	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
392	Divu, DN; Mojjada, SK; Anil, MK; Gopidas, AP; Sundaram, SLP; Mahalingam, A; Menon, M; Raveendran, RK; Mojjada, RK; Tade, MS; Shree, J; Subramanian, A; Raghavan, SV; Gopalakrishnan, A	Thermal tolerance and environment adaptability of Indian pompano: Discovery of a resilient candidate species for sustainable mariculture production in a climate change scenario	AQUACULTURE	2024	10.1016/j.aquaculture.2024.740665	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

393	Keesara, SR; Bolla, R; Bharathkumar, H; Andugulapati, SB; Gundekari, S; Varkolu, M	Synthesis, Characterization, and Biological Applications of Tetramethylpiperidiny Triazolopyridazine Derivatives	SYNLETT	2024	10.1055/a-2384-6983	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
394	Kumar, P; Nathwani, K; Gangashetty, S	A Broadband Self-Noise Cancellation Method Employing 1-D Autoencoder in a Semisupervised Framework in Adverse Conditions	IEEE SENSORS LETTERS	2024	10.1109/LSSENS.2024.3420082	Emerging Sources Citation Index (ESCI)	WOS Proof
395	Das, P; Madhav, BTP	Novel Designs of SIW-Based Frequency-Selective Surfaces for Electromagnetic Shielding	IEEE LETTERS ON ELECTROMAGNETIC COMPATIBILITY PRACTICE AND APPLICATIONS	2024	10.1109/LEMCPA.2024.3392012	Emerging Sources Citation Index (ESCI)	WOS Proof
396	George, G; Ealias, AM; Saravanakumar, MP	Advancements in textile dye removal: a critical review of layered double hydroxides and clay minerals as efficient adsorbents	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2024	10.1007/s11356-024-32021-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
397	Anusha, G; Kumar, GS; Nagalakshmi, S; Madhavi, B	Conformable Granular Fractional Differentiability for Fuzzy Number Valued Functions	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	2024	10.28924/2291-8639-22-2024-37	Emerging Sources Citation Index (ESCI)	WOS Proof
398	Mathur, P; Kumawat, M; Nagar, R; Singh, R; Daima, HK	Tailoring metal oxide nanozymes for biomedical applications: trends, limitations, and perceptions	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	2024	10.1007/s00216-024-05416-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
399	Pravallika, C; Swapna, K; Mahamuda, S; Venkateswarlu, M; Rao, AS	Optical and radiation shielding properties of Europium doped Alkaline-Earth Boro Tellurite glasses	OPTICAL MATERIALS	2024	10.1016/j.optmat.2024.115669	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
400	Prabakaran, N; Sekar, R; Vadivel, M	Optimized Adaptive Multi-Scale Dual An for Multi-Objective CHS and Energy-Aware Routing in 6G WC	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2024.2387288	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
401	Navyatha, B; Nara, S	The effects of conjugating anti-MUC1 aptamers on gold nanobipyramids and nanostars for photothermal cancer ablation	NANOMEDICINE	2024	10.1080/17435889.2024.2384351	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
402	Swain, S; Jena, BR; Rao, AA; Malothu, N; Kothakota, NJ; Tripathy, SN	Genotoxic Impurities in Critical Analysis of Product Development: Recent Advancements, Patents, and Current Challenges	CURRENT PHARMACEUTICAL BIOTECHNOLOGY	2024	10.2174/1389201024666230726152629	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
403	Vankadara, R; Dashora, N; Panda, SK; Dabbakuti, JRKK	A Comparative Analysis of the Effect of Orbital Geometry and Signal Frequency on the Ionospheric Scintillations over a Low Latitude Indian Station: First Results from the 25th Solar Cycle	REMOTE SENSING	2024	10.3390/rs16101698	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
404	Jha, R; Mishra, P; Kumar, S	Advancements in optical fiber-based wearable sensors for smart health monitoring	BIOSENSORS & BIOELECTRONICS	2024	10.1016/j.bios.2024.116232	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
405	Sivaraju, SS; Chitra, J; Anuradha, T; Pandian, A	An Intelligent Load Balancing Strategy for Energy Cost Minimization in EV Applications	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2023.2239217	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
406	Gunturi, SK; Sarkar, D	Network Reconfiguration for Searching Maximum Loading Capacity Radial Network: An Efficient Graph Theory-Based Machine Learning Approach	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2023.2175049	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
407	Adamu, M; Raut, AN; Ibrahim, YE; Janga, S; Khed, VC	Multicriteria-based optimization of roller compacted concrete pavement containing crumb rubber and nano-silica	NANOTECHNOLOGY REVIEWS	2024	10.1515/ntrev-2024-0046	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
408	Brahma, L; Guha, K; Karumuri, SR	Design and analysis of novel MEMS cantilever biosensor with special focus on SCR for tuberculosis detection	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05689-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

409	Nimmagadda, SM; Penke, S; Padarti, VK; Vanka, S; Nemalikanti, SNM	Design of an edge-truncated patch antenna (ETPA) for near-range vehicular RADAR applications	AIP ADVANCES	2024	10.1063/5.0180249	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
410	Rajesh, KVD; Rao, BN; Swaroop, RS; Kiran, VS; Buddi, T; Singh, SK	Utilization of the modified Taguchi approach to seek optimal design parameters for improving the heat transfer coefficient of a wire mesh fin heat sink	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01556-6	Emerging Sources Citation Index (ESCI)	WOS Proof
411	Ghosh, M; Mondal, P; Kumar, S	Fourth-order inverse filter configuration using current differencing buffered amplifier	INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS	2024	10.1002/jnm.3243	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
412	Hingoliwala, HA; Kumar, N; Nayyar, A; Swain, G	Energy-efficient Neuro-fuzzy-based Multi-node Charging Model for WRSNs using Multiple Mobile Charging Vehicles	COMPUTER COMMUNICATIONS	2024	10.1016/j.comcom.2023.12.028	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
413	Kottala, SY; Sahu, AK	Evaluating ergonomics and financial distress in manufacturing organization behavior: resiliency framework from operations and strategic management	LEARNING ORGANIZATION	2024	10.1108/TLO-03-2023-0041	Emerging Sources Citation Index (ESCI)	WOS Proof
414	Kanimozhi, T; Padmanaban, K; Kanchana, M; Shiny, XSA	An automated cervical cancer diagnosis model using Y-net and ensemble deep learning model	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02487-5	Emerging Sources Citation Index (ESCI)	WOS Proof
415	Swamy, KCT; Devanaboyina, VR; Nallagarla, R; Shaik, TA; Turpati, S	Correlation between rate of TEC index and positioning error during solar flares and geomagnetic storms using navigation with Indian constellation receiver measurements	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2024-0022	Emerging Sources Citation Index (ESCI)	WOS Proof
416	Srisaila, A; Rajani, D; Madhavi, MVDNS; Shiny, XSA; Amarendra, K	Modelling a dense hybrid network model for fake review analysis using learning approaches	SOFT COMPUTING	2024	10.1007/s00500-023-09609-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
417	Padmaja, P; Erigela, R; Reddy, DV; Faruq, SKU; Krishnamurthy, A; Balaji, B; Kumar, ML; Cheerla, S; Agarwal, V; Gowthami, Y	Drain Current Characteristics of 6 H-SiC MESFET with Un-Doped and Recessed Area under the Gate: A Simulation Study	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2024	10.1007/s42341-024-00511-w	Emerging Sources Citation Index (ESCI)	WOS Proof
418	Mohan, PC; Matta, A; Suresh, KY	Double Diffusive Analysis on Maxwell Fluid Flow through a Horizontal Porous Layer with the Effect of Soret and Heat Source	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-34	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
419	Sharma, H; Sharma, B; Raghuvanshi, S; Kadam, A; Kulshreshtha, A; Dutt, D	Development of acrylic based antimicrobial water-based ink using curcumin for active packaging applications	POLYMER ENGINEERING AND SCIENCE	2024	10.1002/pen.26552	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
420	Jeyalakshmi, S; Ravikumar, S; Lakshmi, R; Vivekanandan, G	An agile autonomous car driving assistance using hybrid optimization-based kernel support vector convolutional network	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2023.121317	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
421	Patra, A; Panda, GK	Random balancing-like sequences	ARABIAN JOURNAL OF MATHEMATICS	2024	10.1007/s40065-024-00475-y	Emerging Sources Citation Index (ESCI)	WOS Proof
422	Mishra, AR; Chen, SM; Rani, P	Multi-attribute decision-making based on picture fuzzy distance measure-based relative closeness coefficients and modified combined compromise solution method	INFORMATION SCIENCES	2024	10.1016/j.ins.2024.120325	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
423	Hu, SQ; Huo, W; Kumar, KR	Global spatiotemporal distributions of the fraction of precipitating and non-precipitating clouds during 2007-2016: Insights from the decadal observations of the CloudSat	THEORETICAL AND APPLIED CLIMATOLOGY	2024	10.1007/s00704-024-04837-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

424	Kurian, JS; Madhavi, NB	Navigating the gig economy: exploring challenges and motivations for the wellbeing of Gen Y and Gen Z gig workers	COGENT PSYCHOLOGY	2024	10.1080/23311908.2024.2357458	Emerging Sources Citation Index (ESCI)	WOS Proof
425	Sundararajan, M; Shoba, SJG; Babu, YR; Lakshmi, PNS	Deep Learning Network Optimization for Analysis and Classification of High Band Images	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
426	Reddy, KR; Rajesh, KNVPS; Dhuli, R; Kumar, VR	BrainCDNet: a concatenated deep neural network for the detection of brain tumors from MRI images	FRONTIERS IN HUMAN NEUROSCIENCE	2024	10.3389/fnhum.2024.1405586	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
427	Bojjagani, S; Brabin, D; Kumar, K; Sharma, NK; Batta, U	Secure privacy-enhanced fast authentication and key management for IoMT-enabled smart healthcare systems	COMPUTING	2024	10.1007/s00607-024-01291-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
428	Ramachandiran, V; Raja, VL; Rajakumar, IPT; Rao, PKV	Thermo-chemical synthesis of microcrystalline cellulose from fibrous root of cassava tuber and reinforcement effect on banana-polyester composite	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-024-05346-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
429	Srivastav, A; Tripathi, SK; Tiwari, U; Mandal, SK	Comprehensive Study of Low-power SRAM Design Topologies	RECENT ADVANCES IN ELECTRICAL & ELECTRONIC ENGINEERING	2024	10.2174/0123520965275861231027060817	Emerging Sources Citation Index (ESCI)	WOS Proof
430	Rani, P; Chen, SM; Mishra, AR	Multi-attribute decision-making based on similarity measure between picture fuzzy sets and the MARCOS method	INFORMATION SCIENCES	2024	10.1016/j.ins.2023.119990	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
431	Mounika, G; Rajyalakshmi, K; Rajkumar, GVS; Sravani, D	Prediction and optimization of process parameters using design of experiments and fuzzy logic	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01446-x	Emerging Sources Citation Index (ESCI)	WOS Proof
432	Chandana, MS; Rao, KR; Reddy, BNK	Developing an adaptive active sleep energy efficient method in heterogeneous wireless sensor network	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16054-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
433	Koneru, S; Srinath, A; Rao, BN; Buddi, T	Simplified optimal design of NU202 cylindrical roller bearing and validation through GA	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01402-9	Emerging Sources Citation Index (ESCI)	WOS Proof
434	Roy, S; Binu, D; Rajakumar, BR; Talasila, V; Bhatt, A	Super Resolved Maize Plant Leaves Disease Detection Using Optimal Generative Adversarial Network	INTERNATIONAL JOURNAL OF IMAGE AND GRAPHICS	2024	10.1142/S0219467824500037	Emerging Sources Citation Index (ESCI)	WOS Proof
435	Dara, HM; Raut, A; Adamu, M; Ibrahim, YE; Ingle, PV	Reducing non-value added (NVA) activities through lean tools for the precast industry	HELIYON	2024	10.1016/j.heliyon.2024.e29148	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
436	Gottimukkala, AR; Kumar, N; Dash, JK; Swain, G	Image watermarking based on remainder value differencing and extended Hamming code	JOURNAL OF ELECTRONIC IMAGING	2024	10.1117/1.JEI.33.1.011003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
437	Maram, B; Kumar, KS; Gampala, V	Multispectral and hyperspectral image fusion: a systematic analysis and review with the state of art techniques	INTERNATIONAL JOURNAL OF BIO-INSPIRED COMPUTATION	2024	10.1504/IJBIC.2024.139277	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
438	Kamakshi, T; Sundari, GS; Ramachandrarao, MV; Jyothsna, AN	A novel nickel-doped photoactive nanocomposite materials for the application of wastewater treatment	INORGANIC CHEMISTRY COMMUNICATIONS	2024	10.1016/j.inoche.2023.111945	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
439	Hazarika, BB; Gupta, D; Kumar, B	EEG Signal Classification Using a Novel Universum-Based Twin Parametric-Margin Support Vector Machine	COGNITIVE COMPUTATION	2024	10.1007/s12559-023-10115-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
440	Koneru, S; Srinath, A; Rao, BN; Buddi, T	Optimal lapping and polishing process parameters for finer surface finishing of GCr15 steel cylindrical roller bearings	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01555-7	Emerging Sources Citation Index (ESCI)	WOS Proof

441	Sutradhar, M; Singh, BK; Samanta, S; Ali, MN; Mandal, N	Multiple cytokinin elevates indirect regeneration potential of indica rice mature embryo	GENE REPORTS	2024	10.1016/j.genrep.2024.101965	Emerging Sources Citation Index (ESCI)	WOS Proof
442	Shaik, KS; Saritha, N; Reddy, GN	Rational design, synthesis, and anticancer evaluation of amide derivatives of Pyridin3-yl)imidazo[2,1-b][1,3,4]thiadiazole linked 1,3,4-oxadiazoles	CHEMICAL DATA COLLECTIONS	2024	10.1016/j.cdc.2024.101147	Emerging Sources Citation Index (ESCI)	WOS Proof
443	Jakeer, S; Shanmugapriyan, N; Reddy, SRR	Numerical simulation of bio-magnetic nanofluid flow in the human circulatory system	NUMERICAL HEAT TRANSFER PART A-APPLICATIONS	2024	10.1080/10407782.2024.2304046	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
444	Rajana, SSK; Panda, SK; Jade, S; Vivek, CG	Morphology of equatorial F-region irregularities over the Indian longitude sector using GPS-derived ROTI observations	ADVANCES IN SPACE RESEARCH	2024	10.1016/j.asr.2024.06.039	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
445	Kumar, BK; Das, VC	Prediction and Optimization of Ultrasonic Vibration Assisted Wire EDM Process for AISI P20+Ni Using COOT Optimization Algorithm Based Deep Neural Network	JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES	2024	10.1007/s42417-024-01436-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
446	Guntupalli, C; Ponugoti, M; Prasanth, DSNBK; Malothu, N	Cerebroprotective effects of khellin: validation through computational studies in a bilateral common carotid artery occlusion/reperfusion (BCCAO/R) model	MOLECULAR SIMULATION	2024	10.1080/08927022.2024.2307530	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
447	Kanchanamala, P; Sankar, GS; Bhaskar, KA	Q-DenseNet for heart disease prediction in spark framework	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING	2024	10.1504/IJAHUC.2024.10066747	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
448	Sunitha, RY; Kesava, R; Sandiri, S; Palaparthi, KK	Modelling of Non-conducting Fluid Flow using Oldroyd-B Model with Nano-particles between Two Straight Channels in an Artery	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-44	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
449	Kakarla, R; Vinjavarapu, LA; Krishnamurthy, S	Diet and Nutraceuticals for treatment and prevention of primary and secondary stroke: Emphasis on nutritional antiplatelet and antithrombotic agents	NEUROCHEMISTRY INTERNATIONAL	2024	10.1016/j.neuint.2024.105823	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
450	Ramasekhar, G; Jawad, M; Jakeer, S; Reddy, SRR	Entropy Generation for Novel Trend of Biomedical Aspects on Magnetohydrodynamics Hybrid Nanofluid Flow Through a Stretching Cylinder	JOURNAL OF NANOFUIDS	2024	10.1166/jon.2024.2187	Emerging Sources Citation Index (ESCI)	WOS Proof
451	Kumari, A; Choudhary, K; Vyas, V; Kumar, S	Graphene Oxide-Based Surface Plasmon Optical Fiber Biosensor for Thiamine Detection	IEEE TRANSACTIONS ON PLASMA SCIENCE	2024	10.1109/TPS.2024.3380396	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
452	Gurram, PC; Satarker, S; Nampoothiri, M	Recent advances in the molecular signaling pathways of Substance P in Alzheimer's disease: Link to neuroinflammation associated with toll-like receptors	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	2024	10.1016/j.bbrc.2024.150597	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
453	Gundekari, S; Manupathi, A; Chandu, S; Varkolu, M; Kumar, P; Karmee, SK	Catalytic hydroconversion of lignin-based aromatics to aviation fuels-a review	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-024-05895-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
454	Vinisha, A; Boda, R	Efficient brain tumour detection system by Cascaded Fully Convolutional Improved DenseNet with Attention-based Adaptive Swin Unet-derived segmentation strategy	MULTIMEDIA SYSTEMS	2024	10.1007/s00530-024-01319-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
455	Lakshminarayana, KJ; Prasad, VBVN; Ravi, SR; Ramakrishna, AV	On the Prime Radical of Nearings Which is Kurosh-Amitsur	EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS	2024	10.29020/nybg.ejpam.v17i2.5032	Emerging Sources Citation Index (ESCI)	WOS Proof
456	Venkatesan, K; Kirankumar, B; Harish, V	A research study on the combustion and performance of Mosambi peel pyro oil diesel blend with methanol enrichment in diesel engine	AUSTRALIAN JOURNAL OF MECHANICAL ENGINEERING	2024	10.1080/14484846.2024.2146706	Emerging Sources Citation Index (ESCI)	WOS Proof
457	Noothi, S; Malothu, N; Pulavarthy, V; Praveen, BVS	Development of Nanosponge Formulations of Rosuvastatin for Oral Delivery Using a Central Composite Design	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2024	10.5530/ijper.58.3.86	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

458	Sruthi, A; Kumar, AK; Dasari, K; Sivaramaiah, Y; Divya, G; Kumar, GSC	Multi-language: ensemble learning-based speech emotion recognition	INTERNATIONAL JOURNAL OF DATA SCIENCE AND ANALYTICS	2024	10.1007/s41060-024-00553-6	Emerging Sources Citation Index (ESCI)	WOS Proof
459	Singamaneni, KK; Budati, AK; Bikku, T	An Efficient Q-KPABE Framework to Enhance Cloud-Based IoT Security and Privacy	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-10908-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
460	Himaja, D; Dondeti, V; Uppalapati, S; Virupaksha, S	Cluster based active learning for classification of evolving streams	EVOLUTIONARY INTELLIGENCE	2024	10.1007/s12065-023-00879-3	Emerging Sources Citation Index (ESCI)	WOS Proof
461	Loganayagi, T; Panapana, P; Ramanjaiah, G; Das, S	EGDP based feature extraction and deep convolutional belief network for brain tumor detection using MRI image	NETWORK-COMPUTATION IN NEURAL SYSTEMS	2024	10.1080/0954898X.2024.2389248	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
462	Pathomphatthaphan, S; Das, S; Virat, K	Do HR practices for employee lifecycle influence organisational outcomes equally in Asia? Evidence from the Indo-Thai food sector	BENCHMARKING-AN INTERNATIONAL JOURNAL	2024	10.1108/BIJ-03-2024-0237	Emerging Sources Citation Index (ESCI)	WOS Proof
463	Mishra, AR; Alrasheedi, M; Lakshmi, J; Rani, P	Multi-criteria decision analysis model using the q-rung orthopair fuzzy similarity measures and the COPRAS method for electric vehicle charging station site selection	GRANULAR COMPUTING	2024	10.1007/s41066-023-00447-1	Emerging Sources Citation Index (ESCI)	WOS Proof
464	Kishore, PVV; Kumar, DA; Tanguturi, RC; Srinivasarao, K; Kumar, PP; Srihari, D	Joint Motion Affinity Maps (JMAM) and Their Impact on Deep Learning Models for 3D Sign Language Recognition	IEEE ACCESS	2024	10.1109/ACCESS.2024.3354775	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
465	Singh, J; Ramya, R; Vijay, M	Dense net with shark mud ring optimization for severity detection of tuberculosis using sputum image	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2023.105929	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
466	Roja, P; Ibrahim, SM; Reddy, TS; Lorenzini, G	Chemically Radiative MHD Flow of a Micropolar Nanofluid over a Stretching/ Shrinking Sheet with a Heat Source or Sink	FDMP-FLUID DYNAMICS & MATERIALS PROCESSING	2024	10.32604/fdmp.2023.042283	Emerging Sources Citation Index (ESCI)	WOS Proof
467	Emmela, S; Ratnam, DV; Leong, TE	Regional ionospheric TEC modeling during geomagnetic storm in August 2021-data fusion using multi-instrument observations	ADVANCES IN SPACE RESEARCH	2024	10.1016/j.asr.2023.06.054	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
468	Kannaiah, SK; Sonaimuthu, S; Balaji, NRKA; Aravinth, SS	MLBFN optimized with Archimedes optimization Algorithm for SRCE	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.124529	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
469	Valluri, JHV; Rao, CS; Chiranjeevi, C; Rao, VS; Varma, PK	Monitoring of pesticide residues and risk assessment for consumer safety in rice samples from Andhra Pradesh, India	CURRENT SCIENCE	2024	10.18520/cs/v126/i12/1485-1494	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
470	Murali, G; Vali, PSNM; Jaya, J; Bewoor, AK; Kumar, R	Experimental studies on solar reusable can air heating system integrated with latent heat storage	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-12978-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
471	Mohana, P; Swathi, S; Yuvakkumar, R; Ravi, G; Metha, SA	Ni(OH)2/Co(OH)2 nanocomposite as electrocatalyst towards water oxidation process	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	2024	10.1007/s10971-024-06341-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
472	Balanagalakshmi, B; Swetha, AB; Siddharth, A	Cryptocurrency Market-An Overview	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-18	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
473	Ravikiran, C; Chaduvula, VL; Gowrisankar, M; Babu, S; Sastry, GS	Thermo physical properties of 2-methyl-1-butanol with disubstituted ethanes at various temperatures and correlation with the jouyban-acree model	PHYSICS AND CHEMISTRY OF LIQUIDS	2024	10.1080/00319104.2023.2275314	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
474	Jyothi, PN; Lakshmi, DR; Rao, KVSNR	RETRACTION: Experimental analysis of Medicare data using hierarchical grouping mechanism	INTERNATIONAL JOURNAL OF INTELLIGENT UNMANNED SYSTEMS	2024	10.1108/IJIUS-07-2024-0192	Emerging Sources Citation Index (ESCI)	WOS Proof
475	Sharma, H; Ahuja, A; Sharma, B; Kulshreshtha, A; Kadam, A; Dutt, D	Vapor Phase Antimicrobial Active Packaging Application of Chitosan Capsules Containing Clove Essential Oil for the Preservation of Dry Cakes	FOOD AND BIOPROCESS TECHNOLOGY	2024	10.1007/s11947-023-03151-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

476	Padmaja, P; Chary, DV; Erigela, R; Sirisha, G; ChayaDevi, SK; Pedapudi, MC; Balaji, B; Cheerala, S; Agarwal, V; Gowthami, Y	Improved Performance Analysis and Design of Dual Metal Gate FinFET for Low Power Digital Applications	INTERNATIONAL JOURNAL OF ENGINEERING	2024	10.5829/ije.2024.37.06c.02	Emerging Sources Citation Index (ESCI)	WOS Proof
477	Mandal, SK; Sharma, A; Henge, SK; Bashir, S; Shukla, M; Pathak, AT	Secure data encryption key scenario for protecting private data security and privacy	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2024	10.47974/JDMSC-1881	Emerging Sources Citation Index (ESCI)	WOS Proof
478	Tamizhdurai, P; Mangesh, VL; Santhosh, S; Vedavalli, R; Murali, G; Selvaraj, M; Kumaran, R	Sustainable synthesis: High-efficiency ZrO ₂ /KIT-6 catalyst to hydroprocess waste plastics into fuels	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2024	10.1016/j.psep.2023.12.030	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
479	Kaur, B; Kumar, S; Nedoma, J; Martinek, R; Marques, C	Advancements in optical biosensing techniques: From fundamentals to future prospects	APL PHOTONICS	2024	10.1063/5.0216621	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
480	Kanuri, VR; Sekhar, KVC; Brahmanandam, PS; Ramanaiah, JV	ANALYTICAL SOLUTIONS OF POISEUILLE FLOW OF SECOND-GRADE FLUID	JOURNAL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING	2024	10.3329/jname.v21i1.70846	Emerging Sources Citation Index (ESCI)	WOS Proof
481	Kondavitee, GS; Desala, R	Design of micropump with piezoelectric actuators	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05682-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
482	Meganathan, R; Manjunath, B; Anand, R; Muruges, V	Security establishment using deep convolutional network model in cyber-physical systems	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18535-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
483	Kumar, RKP; Boggarapu, NR; Murty, SVSN	Multi-objective optimization to specify optimal selective laser melting process parameters for SS316 L powder	MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES	2024	10.1108/MMMS-06-2023-0213	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
484	Murthy, VNN; Kumar, BSM; Kumar; Shalini, KS; Manukonda, GS; Babu, S	Physicochemical analysis on molecular interactions in binary liquid mixtures at various temperatures and correlation with the Jouyban-Acree model (3-pentanol with allyl amine, allyl alcohol, and allyl chloride)	PHYSICS AND CHEMISTRY OF LIQUIDS	2024	10.1080/00319104.2024.2420321	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
485	Mishra, AR; Rani, P; Saeidi, P; Alrasheedi, AF; Alshamrani, AM	Decision support framework for healthcare waste disposal techniques assessment using an integrated picture fuzzy gained and lost dominance score-based approach	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2024	10.1016/j.engappai.2024.109394	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
486	Vuyyuru, LR; Purimetla, NR; Reddy, KY; Vellela, SS; Basha, SK; Vatambeti, R	Advancing automated street crime detection: a drone-based system integrating CNN models and enhanced feature selection techniques	INTERNATIONAL JOURNAL OF MACHINE LEARNING AND CYBERNETICS	2024	10.1007/s13042-024-02315-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
487	Rao, BN; Goud, JP; Satyanarayana, N	Microwave assisted synthesis of α -Fe ₂ O ₃ half-hexagon nanoplates as an anode material for Li ion batteries	INORGANIC CHEMISTRY COMMUNICATIONS	2024	10.1016/j.inoche.2024.112688	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
488	Bhimireddy, A; Kumar, JVS; Chittireddy, HNPR; Shaik, MR; Assal, ME; Khan, M	Safety and human health: The landscape of an effective UPLC-MS/MS method for the identification and quantification of N-Nitroso Hydrochlorothiazide impurity in Hydrochlorothiazide	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	2024	10.1016/j.jksus.2024.103349	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
489	Anudeep, P; Reddy, MAK; Khed, VC; Adamu, M; Varalakshmi, M; Ibrahim, YE; Ahmed, OS	Effect of superplasticizer in geopolymer and alkali-activated cement mortar/concrete: A review	REVIEWS ON ADVANCED MATERIALS SCIENCE	2024	10.1515/rams-2023-0173	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

490	Rao, KS; Saha, P; Acharjee, D	Preface for special issue-CCSN2023	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05795-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
491	Rao, MVG; Ramanjaneyulu, N; Madugula, S; Dharani, NP; Babu, KR; Sagar, K	RETRACTION: Retraction Note: Exploring High-Temperature Reliability of 4H-SiC MOSFETs: A Comparative Study of High-K Gate Dielectric Materials	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2024	10.1007/s42341-024-00562-z	Emerging Sources Citation Index (ESCI)	WOS Proof
492	Gidyonu, P; Nagu, A; Gundekari, S; Varkolu, M	Formic acid assisted synthesis of Cu-CuO-ZnO composite catalyst for acceptor free selective dehydrogenation of 1, 4-butanediol to γ -butyrolactone	CATALYSIS COMMUNICATIONS	2024	10.1016/j.catcom.2024.106870	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
493	Karthikeyan, D; Baskaran, P; Somasundaram, SK; Sathya, K; Srithar, S	Smart COVIDNet: designing an IoT-based COVID-19 disease prediction framework using attentive and adaptive-derived ensemble deep learning	KNOWLEDGE AND INFORMATION SYSTEMS	2024	10.1007/s10115-023-02007-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
494	Ghali, SR; Madhav, BTP; Alathbah, M; Pardhasaradhi, P; Prasad, N	Design and Substrate Material-Based Analysis of a Sriyantra/Srichakra-Shaped Fractal Wideband Monopole Antenna for S-, C-, X-, and Ku-band Communication Applications	JOURNAL OF ELECTRONIC MATERIALS	2024	10.1007/s11664-023-10823-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
495	Naveen, A; Venkateswarlu, M; Prasad, MVVKS; Krishna, NVS; Chandana, G; Ramakrishna, Y; Giridhar, G	Photoluminescence Studies on Eu ³⁺ Activated Li ₄ Zn(PO ₄) ₂ Phosphors	PHYSICAL CHEMISTRY RESEARCH	2024	10.22036/pcr.2023.409079.2388	Emerging Sources Citation Index (ESCI)	WOS Proof
496	Harini, P; Madhavi, NB; Latha, SB; Sasikumar, AN	Optimized self-attention based cycle-consistent generative adversarial network adopted melanoma classification from dermoscopic images	MICROSCOPY RESEARCH AND TECHNIQUE	2024	10.1002/jemt.24506	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
497	Kishore, GNV; Phani, Y; Rao, BVA; Babu, GS	A Unique Common Coupled Fixed Point Theorem for Rational Contraction in Partial-b-Metric Spaces	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-57	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
498	Joseph, SIT; Pandiaraj, NS; Sarveshwaran, V; Mythily, M	Ship Detection and Classification Using Hybrid Optimization Enabled Deep Learning Approach by Remote Sensing Images	CYBERNETICS AND SYSTEMS	2024	10.1080/01969722.2022.2145655	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
499	Deepika, C; Yuvakkumar, R; Ravi, G; Arunmetha, S	Facile synthesis of chromium oxide composite carbon (Cr ₂ O ₃ /C) nanostructures by solvothermal route for high performance supercapacitor applications	MATERIALS LETTERS	2024	10.1016/j.matlet.2024.136158	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
500	Vernapu, KK; Kanchu, VDR; Sajja, RKR; Thadivaka, R; Tadvika, SR	Microstructure and mechanical properties of double side friction stir welded AA 7075 aluminum alloy	METALLURGICAL RESEARCH & TECHNOLOGY	2024	10.1051/metal/2023091	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
501	Rao, MVG; Ramanjaneyulu, N; Madugula, S; Dharani, NP; Babu, KR; Sagar, K	Exploring High-Temperature Reliability of 4H-SiC MOSFETs: A Comparative Study of High-K Gate Dielectric Materials	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2024	10.1007/s42341-023-00497-x	Emerging Sources Citation Index (ESCI)	WOS Proof
502	Bethu, S; Trupthi, M; Mandala, SK; Karimunnisa, S; Banu, A	AI-IoT Enabled Surveillance Security: DeepFake Detection and Person Re-Identification Strategies	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
503	Hemalatha, S; Swapna, G; Rao, SG; Suresh, C	AC Networks With Microgrids: Passivity-Based Controllers in Single Phase Electric Network	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2024.2345832	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

504	Umarani, S; Balaji, NA; Balakrishnan, K; Guptha, N	Binary northern goshawk optimization for feature selection on micro array cancer datasets	EVOLVING SYSTEMS	2024	10.1007/s12530-024-09580-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
505	Sriramakrishnan, GV; Rani, VV; Thatavarti, S; Maram, B	Chronological pelican remora optimization-enabled deep learning for detection of autism spectrum disorder	SIGNAL IMAGE AND VIDEO PROCESSING	2024	10.1007/s11760-023-02741-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
506	Kumari, KGB; Brahman, PK; Akkaraboyina, LL; Khandepu, BMK; Reddy, TV	Swift and Cost-Effective Detection of Nitrite in Environmental Samples Using Ru@Pt Modified PGE	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2024	10.1149/1945-7111/ad7db6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
507	Isacfranklin, M; Deepika, C; Yuvakkumar, R; Ravi, G; Arun, A; Metha, SA	Improving electrochemical performance in three-electrode measurements with ferroelectric bimetallic Co-Fe-MgO/CNT composite	ELECTROCHIMICA ACTA	2024	10.1016/j.electacta.2024.144528	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
508	Anandavel, B; Pushparaj, JP; Prabhu, B; Rao, PKV	Mechanical, wear and thermal behaviour of rice husk microfibre and ZrO2 bioceramic from Phyllanthus niruri extracts reinforced vinyl ester composites	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-024-05424-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
509	Atiya, SU; Ramesh, NVK; Reddy, BNK	Classification of non-small cell lung cancers using deep convolutional neural networks	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16119-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
510	Perala, RS; Chandrasekar, N; Balaji, R; Alexander, PS; Humaidi, NZN; Hwang, MT	A comprehensive review on graphene-based materials: From synthesis to contemporary sensor applications (vol 159, 100805, 2024)	MATERIALS SCIENCE & ENGINEERING R-REPORTS	2024	10.1016/j.mser.2024.100816	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
511	Nagapuri, L; Penchala, S; Vallem, S; Navitha, CH; Rao, DS	Deep Ridge Regression Neural Network-based hybrid precoder and combiner design	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18205-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
512	Kamakshi, P; Chandrappan, J; Chella, S; Krishnamoorthy, GK	Synthesis and characterization of Co3O4/Ti3C2 MXene nanocomposite: efficient catalyst for oxygen evolution reaction application	EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS	2024	10.1051/epjap/2024240077	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
513	Rao, NS; Adimulapu, AK; Kumari, MR; Rao, PV; Anusha, A; Thathapudi, D	Development and Validation of a Sensitive, Fast and Simple LC-MS/MS Method for the Quantitation of Favipiravir Pure and Tablet Dosage Forms	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	2024	10.5530/ijper.58.3.108	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
514	Hariharan, T; Raghunadh, PVSG; Sivaramakrishnan, S; Phaneendra, ML	Evaluation of aqueous phase adsorption of Acid Brown on mesoporous activated carbon prepared from Azolla Pinnate seaweed	GLOBAL NEST JOURNAL	2024	10.30955/gnj.005560	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
515	Bose, R; Sutradhar, S; Mondal, H; Bhattacharyya, D; Roy, S	Integrating environmental monitoring and bird attack prevention in fish farming: a combined solution for improved pond management	DISCOVER APPLIED SCIENCES	2024	10.1007/s42452-024-05621-x	Emerging Sources Citation Index (ESCI)	WOS Proof
516	Kishore, GNV; Kumar, AK; Rao, BVA; Phani, Y; Babu, GS	C-Class Function and 3-Tupled Unique Common Fixed Point Result in Partial Metric Spaces	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-59	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
517	Vanga, NR; Kesamsetty, VR; Ummiti, K; Ratnakaram, VN; Bapatu, HR	Development and Validation of a Method for Trace Level Zinc Quantification in Pharmaceutical Zinc Supplements Using a Carboxyl Functional Group Packed Column and Refractive Index Detector	JOURNAL OF AOAC INTERNATIONAL	2024	10.1093/jaoacint/qsad101	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
518	Pravesh, R; Kumar, D; Pandey, BP; Chaudhary, VS; Kumar, S	A highly sensitive photonic crystal fibre biosensor for early malaria detection via RBC variation monitoring	JOURNAL OF OPTICS	2024	10.1088/2040-8986/ad7965	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

519	Gadicherla, R; Rai, N; Othayoth, R; Kamma, S	Characterization of mitochondrial DNA mutations in colorectal cancer progression by in silico approach and use as potential biomarkers for diagnosis and prognosis	EGYPTIAN JOURNAL OF MEDICAL HUMAN GENETICS	2024	10.1186/s43042-024-00599-y	Emerging Sources Citation Index (ESCI)	WOS Proof
520	Bollarapu, MJ; Kuchibhotla, S; Kvsn, R; Patel, H	Dynamic perspectives on biodiversity quantification: beyond conventional	PEERJ COMPUTER SCIENCE	2024	10.7717/peerj.17924	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
521	Thotakura, H; Banothu, YVNRS; Vineetha, KV; Madhav, BTP; Das, S	Design and development of square stub loaded band pass filter with quality factor analysis	JOURNAL OF INSTRUMENTATION	2024	10.1088/1748-0221/19/05/P05019	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
522	Soundararajan, S; Nithya, B; Nithya, N; Vignesh, T	Block chain espoused adaptive multi-scale dual attention network with quaternion fractional order meixner moments encryption for cyber security in wireless communication network	WIRELESS NETWORKS	2024	10.1007/s11276-024-03674-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
523	Kanuri, VR; Kasulanati, VCS; Brahmanandam, PS; Medinty, SSMK	Investigating Poiseuille Flows in Rotating Inclined Pipes: An Analytical Approach	INTERNATIONAL JOURNAL OF HEAT AND TECHNOLOGY	2024	10.18280/ijht.420135	Emerging Sources Citation Index (ESCI)	WOS Proof
524	Lakshminarayana, KJ; Prasad, VBVN; Ravi, SR; Ramakrishna, AV	On a Radical of Nearings Which is Hereditary	INTERNATIONAL JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
525	Yousuf, M; Sridhar, M; Dashora, N	Effect of excess ionospheric delay during six major geomagnetic storms on GPS positioning in Indian sector	ACTA GEOPHYSICA	2024	10.1007/s11600-023-01246-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
526	Saha, B; Khan, AK; Lalitha, VL; Prasad, LVN	A Digital Forensics Model for the Examination of QR Code and Android App to Investigate Aadhaar Card Identity Fraud	JOURNAL OF APPLIED SECURITY RESEARCH	2024	10.1080/19361610.2023.2279399	Emerging Sources Citation Index (ESCI)	WOS Proof
527	Anantha, MT; Buddi, T; Boggarapu, NR	Experimental investigation of tensile specimens of CGP processed AZ31 Mg alloy for different temperatures and strain rates	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01554-8	Emerging Sources Citation Index (ESCI)	WOS Proof
528	Sankhyan, S; Kumar, P; Sonkar, M; Kumar, S; Pandit, S; Ray, S	Co-metabolism of substrates by Pseudomonas aeruginosa NG4 regulates biosurfactant production	BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY	2024	10.1016/j.bcab.2024.103382	Emerging Sources Citation Index (ESCI)	WOS Proof
529	Sathish, P; Preethi, D; Dominic, CS; Kadiravan, G	Hybrid Optimized Deep Learning-Based Bacilli Segmentation and Infection-Level Identification of Tuberculosis Using Sputum Images	INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE	2024	10.1142/S0218001423570173	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
530	Himabindu, B; Devi, NSMPL; Nagaraju, P; Kanth, BR	Synthesis and Characterization of Flower-Like Cobalt-Doped ZnO Nanostructures for Ammonia Sensing Applications	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	2024	10.1149/2162-8777/ad26a3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
531	Suseela, RSU; Murthy, KS; Valiveti, HB; Akhtaruzzaman, M	Cross layer protocol architecture for spectrum-based routing in cognitive radio networks	IET NETWORKS	2024	10.1049/ntw2.12101	Emerging Sources Citation Index (ESCI)	WOS Proof
532	Eliyas, SM; Yuvakkumar, R; Ravi, G; Metha, SA	Microwave synthesis of magnesium phosphate-rGO as an effective electrode for supercapacitor application	ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS	2024	10.1515/zpch-2023-0492	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
533	Nadeem, MD; Ansari, MTI; Pandey, PS; Shadab, A; Raghuwanshi, SK; Kumar, S	Recent advances of ECG monitoring and webserver health monitoring applications: A review	OPTICS AND LASER TECHNOLOGY	2024	10.1016/j.optlastec.2024.111039	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

534	Kumar, KS; Goud, JP; Roy, N; Su, KJ; Joo, SW	In-situ synthesis of SnO2/CoFe2O4/Fe3O4 nanograin array composite: A redox-active electrode material for battery-type supercapacitors	CERAMICS INTERNATIONAL	2024	10.1016/j.ceramint.2024.03.176	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
535	Prasath, JS; Shyja, VI; Chandrakanth, P; Kumar, BK; Basha, AR	An optimal secure defense mechanism for DDoS attack in IoT network using feature optimization and intrusion detection system	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-235529	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
536	Kim, N; Hwang, S; Panda, S; Hajra, S; Jo, J; Song, HW; Belal, MA; Vivekananthan, V; Panigrahi, BK; Achary, PGR; Kim, HJ	A Sustainable Free-Standing Triboelectric Nanogenerator Made of Flexible Composite Film for Brake Pattern Recognition in Automobiles	MACROMOLECULAR RAPID COMMUNICATIONS	2024	10.1002/marc.202400431	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
537	Panda, SK; Moses, M; Ansari, K; Walo, J	Ionospheric scintillation characteristics over Indian region from latitudinally-aligned geodetic GPS observations (vol 16, pg 2675, 2023)	EARTH SCIENCE INFORMATICS	2024	10.1007/s12145-024-01420-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
538	Pardhasaradhi, P; Prasad, N; Madhav, BTP; Manepalli, RKNR; Ashokkumar, AVN	Design of 5CB liquid crystal antenna for tunable microwave frequency applications	LIQUID CRYSTALS	2024	10.1080/02678292.2023.2280644	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
539	Mayavan, A; Ganesamurthi, J; Balaji, R; Kumar, S; Srither, SR	Designing Tb3+-Sensitized Silica-Nanoparticles-Aided Eu3+-Doped Sr2SiO4 Phosphors with Enhanced Luminescence for Anti-Counterfeiting Applications	ADVANCED PHOTONICS RESEARCH	2024	10.1002/adpr.202400130	Emerging Sources Citation Index (ESCI)	WOS Proof
540	Prasanthi, G; Bandaru, N; Sri, NN; Nalla, S; Gambhire, MS; Srilakshmi, N	Macrolide Antibiotic-Induced Acute Generalized Exanthematous Pustulosis in an Epileptic Patient on Phenytoin Therapy	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.4.142	Emerging Sources Citation Index (ESCI)	WOS Proof
541	Mahendran, G; Mageswari, M; Kakaravada, I; Rao, PKV	Characterization of polyester composite developed using silane-treated rubber seed cellulose toughened acrylonitrile butadiene styrene honey comb core and sunn hemp fiber	POLYMER BULLETIN	2024	10.1007/s00289-024-05427-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
542	Kannamma, R; Devi, MMY; Madhusudhanan, S; Sethuraman, R	Feature refinement with DBO: optimizing RFRC method for autonomous vehicle detection	INTELLIGENT SERVICE ROBOTICS	2024	10.1007/s11370-024-00520-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
543	Kumar, KP; Prasad, PESNK; Suresh, Y; Babu, MR; Kumar, MJ	Ensemble recognition model with optimal training for multimodal biometric authentication	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18541-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
544	Anuradha, T; Formal, PSGAS; Ramadevi, J	Hybrid model for rainfall prediction with statistical and technical indicator feature set	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.123260	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
545	Sarveshwaran, V; Pandiaraj, S; Bindu, G; Ganesan, V; Swamidason, ITJ	Binarized Spiking Neural Network with blockchain based intrusion detection framework for enhancing privacy and security in cloud computing environment	APPLIED SOFT COMPUTING	2024	10.1016/j.asoc.2023.111218	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
546	Pathomphatthaphan, S; Das, S; Jena, LK	Agile SHRM practices and employee-organisational outcomes during new normal: evidence from India and Thailand	JOURNAL OF ORGANIZATIONAL EFFECTIVENESS-PEOPLE AND PERFORMANCE	2024	10.1108/JOEPP-07-2023-0288	Emerging Sources Citation Index (ESCI)	WOS Proof
547	Keerthana, SP; Yuvakkumar, R; Ravi, G; Arun, A; Arunmetha, S	A novel photocatalyst: Gd2MoO6 nanoparticles with carbon composites for wastewater treatment	CERAMICS INTERNATIONAL	2024	10.1016/j.ceramint.2024.07.406	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

548	Murthy, S; Dey, U; Olymon, K; Abbas, E; Yella, VR; Kumar, A	Discerning the Role of DNA Sequence, Shape, and Flexibility in Recognition by Drosophila Transcription Factors	ACS CHEMICAL BIOLOGY	2024	10.1021/acscchembio.4c00202	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
549	Bankar, PS; Rao, PKV; Sawant, MS; Arya, PK; Jain, NK	Investigations on Corrosion Behaviour of Surface Texturing on Ni45Ti55 Alloy Manufactured Using μ -Plasma Additive Manufacturing Process	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	2024	10.1007/s12666-024-03326-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
550	Parveen, N; Gupta, M; Kasireddy, S; Ansari, MSH; Ahmed, MN	ECG based one-dimensional residual deep convolutional auto-encoder model for heart disease classification	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-18009-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
551	Nath, S; Kumar, N; Guha, K; Baishnab, KL; Rao, KS	Novel design of a low power neural amplifier using split push pull balanced high swing OTA for brain machine interface	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-023-05588-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
552	Alijoyo, FA; Kaur, C; Anjum, A; Vuyyuru, VA; Bala, BK	Enhancing Cyber-Physical Systems Resilience: Adaptive Self-Healing Security Using Long Short-Term Memory Networks	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602467	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
553	Patra, JP; Pradhan, BB; Mahapatra, RK; Prusty, SB	Iterative Interference Cancellation for STBC-OFDM System Over Doubly Selective Channel	SOFT COMPUTING AND ITS ENGINEERING APPLICATIONS, PT 2, ICISOFTCOMP 2023	2024	10.1007/978-3-031-53728-8_10	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
554	Vidya, S; Jagannathan, V; Guhan, T; Kumar, J	Long-term and short-term rainfall forecasting using deep neural network optimized with flamingo search optimization algorithm	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-235798	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
555	Mohana, P; Yuvakkumar, R; Ravi, G; Arunmetha, S	Enhanced electrochemical performance of CuO/NiO/rGO for oxygen evolution reaction	ELECTROCHIMICA ACTA	2024	10.1016/j.electacta.2023.143464	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
556	Krishna, TNV; Kumar, SVSVPD; Rao, SS; Chang, LC	Powering the Future: Advanced Battery Management Systems (BMS) for Electric Vehicles	ENERGIES	2024	10.3390/en17143360	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
557	Reddy, BS; Rao, GPC; Devi, ER; Prasad, KRS; Nalla, S	Synthesis and biological evaluation of 1,2,3-triazole incorporated pyridin-4-yl)-1H-1,2,4-triazol-3-yl)pyrimidine derivatives as anticancer agents	RESULTS IN CHEMISTRY	2024	10.1016/j.rechem.2024.101598	Emerging Sources Citation Index (ESCI)	WOS Proof
558	Sridhar, M; Bitra, SK; Murthy, TSN; Padmaraju, K	A nano-plasmonic HMIM waveguide based concurrent dual-band BPF using circular ring resonator	OPTOELECTRONICS LETTERS	2024	10.1007/s11801-024-3130-5	Emerging Sources Citation Index (ESCI)	WOS Proof
559	Banda, SS; Ghali, VS; Vesala, GT; Mulaveesala, R	Non-linear frequency modulated thermal wave imaging for subsurface analysis	INFRARED PHYSICS & TECHNOLOGY	2024	10.1016/j.infrared.2024.105248	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
560	Majji, NK; Madhavareddy, VN; Immadi, G; Ambati, N; Aovuthu, SM	Analysis of a Compact Electrically Small Antenna with SRR for RFID Applications	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	2024	10.48084/etasr.6418	Emerging Sources Citation Index (ESCI)	WOS Proof
561	Jithendra, T; Basha, SS; Divya, AR	Development of an hourly-based solar radiation prediction model with ANFIS and Coati optimization: a comparative analysis	THEORETICAL AND APPLIED CLIMATOLOGY	2024	10.1007/s00704-024-05210-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
562	Althaf, P; Kumar, KR; Kannemadugu, HBS	Aerosol Optical Depth over the Andhra Pradesh State in South India from Reanalysis Data: Spatiotemporal Variabilities and Machine Learning Approach	EARTH SYSTEMS AND ENVIRONMENT	2024	10.1007/s41748-024-00465-2	Emerging Sources Citation Index (ESCI)	WOS Proof
563	Reddy, SS; Rajesh, VKD; Maiti, AK; Janaki, DV	Shot peening effects on Cr-Mo-V steel: a comprehensive study of microstructure, surface roughness, residual stress, and mechanical behavior	ENGINEERING RESEARCH EXPRESS	2024	10.1088/2631-8695/ad777f	Emerging Sources Citation Index (ESCI)	WOS Proof

564	Ramalingam, PS; Elangovan, S; Mekala, JR; Arumugam, S	Liver X Receptors (LXRs) in cancer-an Eagle's view on molecular insights and therapeutic opportunities	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2024	10.3389/fcell.2024.1386102	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
565	Soundararajan, S; Lalitha, S; Jyoshna, B; Govindaraj, A	Delay-aware optimized scheduling algorithm for high performance wireless sensor networks	AUTOMATIKA	2024	10.1080/00051144.2023.2269642	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
566	Anitha, R; Dasari, DB; Vivek, PSS; Kakarla, NML; Kumar, MS	A novel adaptive dual swarm intelligence based image quality enhancement approach with the modified SegNet - RBM-based Alzheimer Segmentation and classification	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16486-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
567	Anantha, MT; Buddi, T; Boggarapu, NR	Multi-objective optimization basing modified Taguchi method to arrive the optimal die design for CGP of AZ31 magnesium alloy	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-022-01176-6	Emerging Sources Citation Index (ESCI)	WOS Proof
568	Divu, DN; Mojjada, SK; Pokkathappada, AA; Anil, MK; Gopidas, AP; Sundaram, SLP; Mahalingam, A; Menon, M; Raveendran, RK; Mojjada, RK; Tade, MS; Shree, J; Subramanian, A; Raghavan, SV; Gopalakrishnan, A	Exploring the thermal adaptability of silver pompano Trachinotus blochii: An initiative to assist climate change adaptation and mitigation to augment aquaculture productivity	ECOLOGICAL INFORMATICS	2024	10.1016/j.ecoinf.2024.102761	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
569	Mudunuru, NL; Janjanam, KC; Saripilli, R	Design and Characterization of Fast Dissolving Solid Dispersion Tablets of Glucilazide	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.3.97	Emerging Sources Citation Index (ESCI)	WOS Proof
570	Tabarej, MS; Minz, S; Shaikh, AA; Shuaib, M; Jeribi, F; Alam, S	Graph-Based Hotspot Detection of Socio-Economic Data Using Rough-Set	MATHEMATICS	2024	10.3390/math12132031	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
571	Velivelli, S; Satyanarayana, GC; Chowdary, JS; Rao, KK; Parekh, A; Gnanaseelan, C	Delayed impact of El Nino on the spring surface air temperature over India	CLIMATE DYNAMICS	2024	10.1007/s00382-023-06990-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
572	Bhargavi, KVNA; Varma, GPS; Hemalatha, I; Dilli, R	An Enhanced Particle Swarm Optimization-Based Node Deployment and Coverage in Sensor Networks	SENSORS	2024	10.3390/s24196238	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
573	Manickavalli, S; Parivallal, A; Kavikumar, R; Kaviarasan, B	Distributed Bipartite Consensus of Multi-Agent Systems via Disturbance Rejection Control Strategy	MATHEMATICS	2024	10.3390/math12203225	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
574	Sowmya, D; Bhavani, SA; Sasank, VVS; Rao, TS	Prostate cancer classification using adaptive swarm Intelligence based deep attention neural network	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.106654	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
575	Kishore, GNV; Rao, BVA; Phani, Y; Babu, GS	Some Existence of Unique Fixed Solutions in Partially Ordered Sb-Metric Spaces	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-55	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
576	Prasanna, JL; Kumar, A; Kumar, MR; Gayathri, K; Santhosh, C; Kumer, SVA; Mohan, E; Udayakumar, S	Enhanced Efficiency of Tandem Perovskite Solar Cells Utilizing Cs2BiAgI6 and La2NiMnO6 Double Perovskite Absorbers with Optimized Charge Transport Layers	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	2024	10.1155/2024/3942154	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
577	Pravesh, R; Kumar, D; Pandey, BP; Chaudhary, VS; Kumar, S	Design and Analysis of a Double D-Shaped Dual-Core PCF Sensor for Detecting Biomolecules in the Human Body	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3380095	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

578	Perala, RS; Chandrasekar, N; Balaji, R; Alexander, PS; Humaidi, NZN; Hwang, MT	A comprehensive review on graphene-based materials: From synthesis to contemporary sensor applications	MATERIALS SCIENCE & ENGINEERING R-REPORTS	2024	10.1016/j.mser.2024.100805	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
579	Hemamalini, K; Chavhan, AB; Babitha, B; Madhavi, J; Verma, MK	Human gut microbial ecology and association with postbiotics; prophylactic and diagnostic application	NUTRITION CLINIQUE ET METABOLISME	2024	10.1016/j.nupar.2023.12.003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
580	Das, P; Madhav, BTP	Convolutd I-Shaped Metamaterial on Rigid and Flexible Substrates for Electromagnetic Cloaking	JOURNAL OF ELECTRONIC MATERIALS	2024	10.1007/s11664-024-11050-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
581	Gaddala, LK; Radha, VKR; Buraga, SR; Narla, VL; Kodepogu, KR; Yalamanchili, S	Machine Learning-Based Lung Cancer Classification and Enhanced Accuracy on CT Images	TRAITEMENT DU SIGNAL	2024	10.18280/ts.410248	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
582	Sharma, R; Govind, D; Mishra, J; Dubey, AK; Deepak, KT; Prasanna, SRM	Milestones in speaker recognition	ARTIFICIAL INTELLIGENCE REVIEW	2024	10.1007/s10462-023-10688-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
583	Alla, N; Palatheeya, S; Challa, SR; Kakarla, R	Morin attenuated the global cerebral ischemia via antioxidant, anti-inflammatory, and antiapoptotic mechanisms in rats	METABOLIC BRAIN DISEASE	2024	10.1007/s11011-024-01410-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
584	Soundharya, UL; Vadivu, G; Chaitanya, GK	Distributed file systembased optimization algorithm	WIRELESS NETWORKS	2024	10.1007/s11276-024-03760-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
585	Bhupatiraju, RV; Kasimala, BB; Nagamalla, L; Sayed, F	Structural evaluation of degradation products of Loteprednol using LC-MS/MS: Development of an HPLC method for analyzing process-related impurities of Loteprednol	ANALYTICAL SCIENCE AND TECHNOLOGY	2024	10.5806/AST.2024.37.2.98	Emerging Sources Citation Index (ESCI)	WOS Proof
586	Wesley, KJS; Shireesha, K; Divya, ; Rakesh, D; Chakra, CHS; Chandana, KS; Reddy, SSVG; Deepti, K; Narsaiah, TB; Sadhana, K	Impact of surfactant on specific capacitance of nickel oxide nanoparticles for supercapacitor application	BULLETIN OF MATERIALS SCIENCE	2024	10.1007/s12034-023-03101-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
587	Alla, N; Palatheeya, S; Challa, SR; Kakarla, R	Tangeretin confers neuroprotection, cognitive and memory enhancement in global cerebral ischemia in rats	3 BIOTECH	2024	10.1007/s13205-023-03854-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
588	Aserkar, AA; Godla, SR; El-Ebiary, YAB; Krishnamoorthy; Ramesh, JVN	Real-time Air Quality Monitoring in Smart Cities using IoT-enabled Advanced Optical Sensors	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
589	Pachipala, Y; Dasari, DB; Rao, VVRM; Bethapudi, P; Srinivasarao, T	Workload prioritization and optimal task scheduling in cloud: introduction to hybrid optimization algorithm	WIRELESS NETWORKS	2024	10.1007/s11276-024-03793-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
590	Hassandoost, N; Fotuhi, M; Chandrika, K; Balarak, D	Adsorption of Cephalexin Antibiotics from Aqueous Solution Using a Polypyrrole/Titanium Dioxide Nanocomposite	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.4.138	Emerging Sources Citation Index (ESCI)	WOS Proof
591	Arab, J; Sharma, P; Chen, SC	Communication-Fabrication of Micro-Holes in PMMA Using Micro-ECDM Process: Geometric Characteristics and EC Discharge Behaviour	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2024	10.1149/1945-7111/ad4a0d	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
592	Nowfal, SH; Rao, GRK; Velmurugan, V	Advancing viscoelastic material modeling : Tackling time-dependent behavior with fractional calculus	JOURNAL OF INTERDISCIPLINARY MATHEMATICS	2024	10.47974/JIM-1827	Emerging Sources Citation Index (ESCI)	WOS Proof

593	Rao, DS; Rao, LK; Bhagyaraju, V; Meng, GK	Enhanced Depth Motion Maps for Improved Human Action Recognition from Depth Action Sequences	TRAITEMENT DU SIGNAL	2024	10.18280/ts.410334	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
594	Liu, F; Singh, R; Zeng, QH; Li, GR; Min, R; Zhang, BY; Kumar, S	Gold Nanoparticle-Coated Magnetic Graphene Oxide as a Dual-Mode Immunochromatographic Biosensor for Enrofloxacin Residue Analysis in Food Samples	ACS APPLIED NANO MATERIALS	2024	10.1021/acsanm.4c00573	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
595	Siva, T; Jangili, S; Kumbhakar, B	A theoretical analysis of rotating electromagnetohydrodynamic and electroosmotic transport of couple stress fluid through a microchannel	ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK	2024	10.1002/zamm.202300636	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
596	Gopalan, SH; Parvez, MM; Manikandan, A; Ramalingam, S	Cognitive radio spectrum allocation using Nash equilibrium with multiple scheduling resource selection algorithm	AIN SHAMS ENGINEERING JOURNAL	2024	10.1016/j.asej.2024.102688	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
597	Dhal, BC; Hajra, S; Priyadarshini, A; Panda, S; Vivekananthan, V; Swain, J; Swain, S; Das, N; Samantray, R; Kim, HJ; Sahu, R	Innovative Synthesis of Zeolitic Imidazolate Framework by a Stovetop Kitchen Pressure Cook Pot for Triboelectric Nanogenerator	ENERGY TECHNOLOGY	2024	10.1002/ente.202400099	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
598	Kumar, V; Raghuwanshi, SK; Kumar, S	Nanocomposite Thin Film-Based Surface Plasmon Sensor for Detection of Ethanol in Petrochemical Industries	IEEE TRANSACTIONS ON PLASMA SCIENCE	2024	10.1109/TPS.2023.3337175	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
599	Kumari, M; Ulmas, Z; Suseendra, R; Ramesh, JVN; El-Ebiary, YAB	Utilizing Federated Learning for Enhanced Real-Time Traffic Prediction in Smart Urban Environments	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
600	Rao, LN; Immadi, G; Narayana, MRV; Navya, A; Madhuri, AS; Rajkamal, K	A Compact Multiband Hybrid Rectangular DRA for Wireless Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS	2024	10.2528/PIERL23111804	Emerging Sources Citation Index (ESCI)	WOS Proof
601	Ainapure, BS; Sakhamuri, S; Deepa, S; Singh, G; Rashid, F	Lesion Segmentation and Cancer Detection of Skin Using Le-Net Based Fire Gannet Optimization	SENSING AND IMAGING	2024	10.1007/s11220-024-00509-x	Emerging Sources Citation Index (ESCI)	WOS Proof
602	Rahman, M; Murmu, A; Kumar, P; Moparthi, NR; Namasudra, S	A novel compression-based 2D-chaotic sine map for enhancing privacy and security of biometric identification systems	JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	2024	10.1016/j.jisa.2023.103677	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
603	Sakuntala, SS; Srinivas, S; Murthy, DS; Gadre, M; Masih, J	MENTAL ILLNESS - AN ILLNESS TO WELL-BEING TOWARDS CHILDREN: REFERENCE TO SOCIO-POLITICAL VIOLENCE IN LITERATURE	ASIA PACIFIC JOURNAL OF HEALTH MANAGEMENT	2024	10.24083/apjhm.v19i1.2759	Emerging Sources Citation Index (ESCI)	WOS Proof
604	Vivek, TVS; Gupta, MK; Kandhasamy, JP; Kachhoria, R; Gudadhe, SS; Narayanan, SL	Scalable image compression mechanism for surveillance video summary	INTERNATIONAL JOURNAL OF ENGINEERING SYSTEMS MODELLING AND SIMULATION	2024	10.1504/IJESMS.2024.139538	Emerging Sources Citation Index (ESCI)	WOS Proof
605	Deepa, N; Arunsundar, B; Raamesh, L; Challapalli, JR	Genetically Optimized Cyber- Physical System (CPS) for Breast Cancer Identification using an LS-SVM Classifier	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11211-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
606	Bingu, R; Adinarayana, S; Dhatteval, JS; Kavitha, S; Patnala, E; Sangaraju, HR	Performance comparison analysis of classification methodologies for effective detection of intrusions	COMPUTERS & SECURITY	2024	10.1016/j.cose.2024.103893	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
607	Sampath, M; Duraisamy, AK; Samuel, AMR; Malu, YDM	UNMANNED AERIAL VEHICLE PATH PLANNING USING WATER STRIDER ALGORITHM	INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE	2024	10.23055/ijietap.2024.31.3.9861	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

608	Vaddi, R; Kumar, BLNP; Manoharan, P; Agilandeswari, L; Sangeetha, V	Strategies for dimensionality reduction in hyperspectral remote sensing: A comprehensive overview	EGYPTIAN JOURNAL OF REMOTE SENSING AND SPACE SCIENCES	2024	10.1016/j.ejrs.2024.01.005	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
609	Nyasulu, M; Haque, MM; Kumar, KR; Francis, A; Chathurangika, NPM; Shiraj, TB; Ahmmad, N; Hossain, ML	The implication of atmospheric aerosols on rainfall over Malawi, Southeast Africa	CLIMATIC CHANGE	2024	10.1007/s10584-023-03667-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
610	Anand, AV; Ali, R; Jakeer, S; Reddy, SRR	Entropy-optimized MHD three-dimensional solar slendering sheet of micropolar hybrid nanofluid flow using a machine learning approach	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-023-12600-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
611	Haripriya, N; Babu, MR; Swarnakar, S; Rachana, M; Krishna, SV; Kumar, S	Ultra-high-speed all-optical half subtractor for optical signal processing	PHOTONIC NETWORK COMMUNICATIONS	2024	10.1007/s11107-024-01024-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
612	Vasimalla, Y; Singh, S; Reddy, GR; Kumar, R; Maloji, S; Kumar, S	Titanium Dioxide-Graphene-Black Phosphorus-Based SPR Sensor for Helicobacter pylori Bacteria Detection	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3409535	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
613	Ali, I; Wang, YH; Ahmad, R	Three-Step Iterative Algorithm for the Extended Cayley-Yosida Inclusion Problem in 2-Uniformly Smooth Banach Spaces: Convergence and Stability Analysis	MATHEMATICS	2024	10.3390/math12131977	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
614	Veeramani, S; Ravindran, E; Mayakrishnan, V; Ilangovan, R	Silica coated Iron Oxide Nanoparticles - Performance Evaluation for Drug Delivery Applications	SILICON	2024	10.1007/s12633-023-02822-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
615	Vatambeti, R; Krishna, ESP; Karthik, MG; Damera, VK	Securing the medical data using enhanced privacy preserving based blockchain technology in Internet of Things	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2024	10.1007/s10586-023-04056-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
616	Hemalatha, S; Valarmathi, K; Nagappan, G; Pillai, NM; Maguluri, LP; Veeranjanyulu, IV	Improving the Battery Life of Mobile Adhoc Networks through Quality of Service Parameters	JOURNAL OF ADVANCES IN INFORMATION TECHNOLOGY	2024	10.12720/jait.15.9.1001-1010	Emerging Sources Citation Index (ESCI)	WOS Proof
617	Rajaboina, RK; Khanapuram, UK; Vivekananthan, V; Khandelwal, G; Potu, S; Babu, A; Madathil, N; Velpula, M; Kodali, P	Crystalline Porous Material-Based Nanogenerators: Recent Progress, Applications, Challenges, and Opportunities	SMALL	2024	10.1002/sml.202306209	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
618	Rao, GS; Patra, PSK; Narayana, VA; Reddy, AR; Reddy, GNVV; Eshwar, D	DDoSNet: Detection and prediction of DDoS attacks from realistic multidimensional dataset in IoT network environment	EGYPTIAN INFORMATICS JOURNAL	2024	10.1016/j.eij.2024.100526	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
619	Balaji, GN; Mary, SASA; Mantravadi, N; Shajin, FH	Graph CNN-ResNet-CSOA Transfer Learning Architype for an Enhanced Skin Cancer Detection and Classification Scheme in Medical Image Processing	INTERNATIONAL JOURNAL ON ARTIFICIAL INTELLIGENCE TOOLS	2024	10.1142/S021821302350063X	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
620	Sujith, M; Prabu, RT; Kumar, ATA; Kumar, A	Performance analysis of CsPbI3-based solar cells under light emitting diode illumination as an energy harvester for IoT and indoor photovoltaics	JOURNAL OF COMPUTATIONAL ELECTRONICS	2024	10.1007/s10825-024-02180-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

621	Mary, DS; Dhas, LJS; Deepa, AR; Chaurasia, MA; Sheela, CJJ	Network intrusion detection: An optimized deep learning approach using big data analytics	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.123919	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
622	Roja, P; Reddy, TS; Ibrahim, SM; Parvathi, M; Dharmiah, G; Lorenzini, G	Magnetic Field Influence on Thermophoretic Micropolar Fluid Flow over an Inclined Permeable Surface: A Numerical Study	JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS	2024	10.22055/jacm.2024.44739.4265	Emerging Sources Citation Index (ESCI)	WOS Proof
623	Kumar, R; Singh, S; Chaudhary, B; Kumar, S	Black Phosphorus-Based Surface Plasmon Resonance Biosensor for DNA Hybridization	IEEE TRANSACTIONS ON PLASMA SCIENCE	2024	10.1109/TPS.2024.3386399	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
624	Emmela, S; Ratnam, DV; Otsuka, Y; Shinbori, A; Sori, T; Nishioka, M; Perwitasari, S	Statistical Analysis of Global and Regional Ionospheric Total Electron Content (TEC) Using Extreme Value Distributions	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	2024	10.1109/TGRS.2023.3338513	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
625	Arunmetha, S; Dhineshababu, NR; Sakthipandi, K; Jayavel, R	Exploring the impact of Fe3+ ions on TiO2 nanostructures to enhance photocatalytic efficiency	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-024-13566-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
626	Kedar, S; Bewoor, A; Murali, G; More, GV; Roy, A	Thermal Analysis of Sea Water Hybrid Solar Desalination SystemA- An Experimental Approach	INTERNATIONAL JOURNAL OF HEAT AND TECHNOLOGY	2024	10.18280/ijht.420425	Emerging Sources Citation Index (ESCI)	WOS Proof
627	Jayaprada, P; Rao, MC; Madhav, BTP; Manepalli, RKNR	Structure and Photoluminescence of p-(n-heptyloxy)benzoic Acid Liquid Crystals Dispersed With ZnO Nanoparticles	RUSSIAN PHYSICS JOURNAL	2024	10.1007/s11182-024-03182-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
628	Srikanth, GR; Yadav, S; Kumar, KIP	The Intersection of Food Laws and Legal Metrology Laws in India: A Framework for Analysis	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA	2024	10.1007/s12647-023-00731-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
629	Dharmiah, G; Mebarek-Oudina, F; Balamurugan, KS; Vedavathi, N	Numerical Analysis of the Magnetic Dipole Effect on a Radiative Ferromagnetic Liquid Flowing over a Porous Stretched Sheet	FDMP-FLUID DYNAMICS & MATERIALS PROCESSING	2024	10.32604/fdmp.2023.030325	Emerging Sources Citation Index (ESCI)	WOS Proof
630	Kumar, A; Singh, S; Mahadev; Kumar, R	An intelligent human-centric systems to diagnose breast cancer using machine learning and optimized feature selection techniques	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	2024	10.1002/ett.4913	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
631	Ranjan, P; Mishra, N; Kumar, S; Agarwal, A; Dasgupta, A	Enhanced Optoelectronic Traits of Monolayer h-BAs for Augmented NOx (NO and NO2) Gas Sensing	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3403876	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
632	Khan, W; Ishrat, M; Khan, AN; Arif, M; Shaikh, AA; Khubrani, MM; Alam, S; Shuaib, M; John, R	Detecting Anomalies in Attributed Networks Through Sparse Canonical Correlation Analysis Combined With Random Masking and Padding	IEEE ACCESS	2024	10.1109/ACCESS.2024.3398555	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
633	Jayaprada, P; Rao, MC; Madhav, BTP; Pardhasaradhi, P; Manepalli, RKNR	Structural and Photoluminescence Studies of p-(n-heptyl) Benzoic Acid Liquid Crystals Dispersed with ZnO Nanoparticles	JOURNAL OF APPLIED SPECTROSCOPY	2024	10.1007/s10812-024-01794-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
634	Padmanaban, K; Kalpana, YB; Geetha, M; Balan, K; Mani, V; Sivaraju, SS	Simulation and modeling in cloud computing-based smart grid power big data analysis technology	INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING	2024	10.1142/S1793962325410053	Emerging Sources Citation Index (ESCI)	WOS Proof
635	Durairaj, A; Madhan, ES; Rajkumar, M; Shameem, S	Optimizing anomaly detection in 3D MRI scans: The role of ConvLSTM in medical image analysis	APPLIED SOFT COMPUTING	2024	10.1016/j.asoc.2024.111919	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

636	Gandreti, VR; Miriyala, S; Tanneeru, VR; Devanaboyina, VR; Deshpande, K	Preliminary results of scintillation monitoring at KLEF-Guntur low latitude station using GNSS software defined radio	JOURNAL OF APPLIED GEODESY	2024	10.1515/jag-2024-0004	Emerging Sources Citation Index (ESCI)	WOS Proof
637	Mogili, NV; Mallu, MR; Kodavaty, J; Erva, RR	Surveillance of SARS-CoV-2 RNA in wastewater matrix: a review	ENVIRONMENTAL MONITORING AND ASSESSMENT	2024	10.1007/s10661-023-12178-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
638	Maurya, NK; Ghosh, J; Subramanian, S; Pareek, P; Singh, L; Srinivas, K	Tunable ultra-wideband graphene metasurface absorber: A mode merger design approach for terahertz applications	OPTICS COMMUNICATIONS	2024	10.1016/j.optcom.2023.129991	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
639	Saketha, YSSGS; Alagarsamy, A; Raj, M; Cardarilli, GC; Ko, SB	Reliable Synchronous and Asynchronous Counter Design in QCA	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S0218126625500872	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
640	Janga, S; Raut, AN; Adamu, M; Ibrahim, YE; Albuaymi, M	Multi-response optimization of thermally efficient RC-based geopolymer binder using response surface methodology approach	DEVELOPMENTS IN THE BUILT ENVIRONMENT	2024	10.1016/j.dibe.2024.100528	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
641	Mishra, S; Thamaraiselvi, D; Dhariwal, S; Aggarwal, D; Ramesh, JVN	LSCO: Light spectrum chimp optimization based spinalnet for live face detection and recognition	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.123585	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
642	Reddy, NM; Budati, AK; Islam, S; Ramesh, G	Enhanced Elliptic Curve- Diffie Hellman Technique with Bigdata Analytics for Satellite Image Security Enhancement in Internet of Things Systems	EARTH SCIENCE INFORMATICS	2024	10.1007/s12145-023-01194-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
643	Kasyap, VLVSKB; Sumathi, D; Reddy, MSJ; Bhagavan, VS; Cherukuri, AK	VitaDNet: A Deep Learning-Based Approach for Vitamin-D Deficiency Prediction	JOURNAL OF INFORMATION & KNOWLEDGE MANAGEMENT	2024	10.1142/S0219649223500557	Emerging Sources Citation Index (ESCI)	WOS Proof
644	Shadab, S; Rao, GSNK; Paliwal, D; Yadav, D; Alam, A; Singh, A; Sultana, MJ	A Comprehensive Review of Herbal Medicines for the Treatment of Alzheimer's Disease	CURRENT TRADITIONAL MEDICINE	2024	10.2174/2215083810666230608151821	Emerging Sources Citation Index (ESCI)	WOS Proof
645	Rani, GM; Ghoreishian, SM; Umapathi, R; Vivekananthan, V; Huh, YS	A biocompatible triboelectric nanogenerator-based edible electronic skin for morse code transmitters and smart healthcare applications	NANO ENERGY	2024	10.1016/j.nanoen.2024.109899	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
646	Kawoosa, AI; Prashar, D; Raman, GRA; Bijalwan, A; Haq, MA; Aleisa, M; Alenizi, A	Improving Electricity Theft Detection Using Electricity Information Collection System and Customers' Consumption Patterns	ENERGY EXPLORATION & EXPLOITATION	2024	10.1177/01445987241255394	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
647	Nair, PA; Dodda, VC; Kuruguntla, L; Muniraj, I; Deshpande, A	Fundus-based Photoacoustic Vascular Image Denoising and Enhancement	TISSUE OPTICS AND PHOTONICS III	2024	10.1117/12.3023829	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
648	Padma, SV; Mallesh, MP; Rajesh, V; Makinde, OD	Computational Modeling of CNT's Nano Liquid Flow And Heat Transmission Over a Vertical Thin Film with Thermal Variation	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-42	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
649	Ramasekhar, G; Suneetha, S; Ravikumar, V; Jakeer, S; Reddy, SRR	IMPORTANCE OF REFLECTED SOLAR ENERGY LOADED WITH SWCNTs-MWCNTs/EG DARCY POROUS STRETCHED SURFACE: MIDRICH SCHEME	EAST EUROPEAN JOURNAL OF PHYSICS	2024	10.26565/2312-4334-2024-1-16	Emerging Sources Citation Index (ESCI)	WOS Proof

650	Nair, RR; Debnath, S; Ghosh, R; Bhattacharya, A; Raju, M; Chatterjee, PB	Label-Free Detection of Unbound Bilirubin and Nitrophenol Explosives in Water by a Mechanosynthesized Dual Functional Zinc Complex: Recognition of Picric Acid in Various Common Organic Media	CHEMISTRY-A EUROPEAN JOURNAL	2024	10.1002/chem.202303068	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
651	Sukumaran, C; Basith, SA; Vivekananthan, V; Kim, SJ; Chandrasekhar, A	Touch-Enabled Self-Powered Elastomeric Keypad for Mapping Human Input and an Emergency Alert via Triboelectric Effect	ENERGY TECHNOLOGY	2024	10.1002/ente.202300831	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
652	Konijeti, R; Dasore, A; Rajak, U; Kumar, R; Sharma, A; Yadav, AS	CFD analysis of heat transfer by free convection over a vertical cylinder with circular fins of triangular cross-section	MULTISCALE AND MULTIDISCIPLINARY MODELING EXPERIMENTS AND DESIGN	2024	10.1007/s41939-023-00237-x	Emerging Sources Citation Index (ESCI)	WOS Proof
653	Sathishkumar, P; Kumar, N; Raju, SH; Victoria, DRS	An intelligent task scheduling approach for the enhancement of collaborative learning in cloud computing	SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS	2024	10.1016/j.suscom.2024.101024	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
654	Gurupandi, M; Praveenraj, DDW; Shrinivas, K; Swathi, RSVR	Factors Affecting Purchase Intention through Online Shopping Sites During Covid-19 Pandemic: The Moderating Role of Gender	PACIFIC BUSINESS REVIEW INTERNATIONAL	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
655	Raju, CT; Hussain, SJ; Yedukondalu, G; Galal, AM	Design and optimization of an integrated spindle tool system using semi active control for an end-mill	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-024-01916-w	Emerging Sources Citation Index (ESCI)	WOS Proof
656	Zha, BJ; Wang, Z; Ma, L; Chen, J; Wang, H; Li, XL; Kumar, S; Min, R	Intelligent Wearable Photonic Sensing System for Remote Healthcare Monitoring Using Stretchable Elastomer Optical Fiber	IEEE INTERNET OF THINGS JOURNAL	2024	10.1109/JIOT.2024.3356574	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
657	Ajithkumar, M; Lakshminarayana, P	A study on bioconvective peristaltic flow of a Casson nanofluid in a porous uniform/ non-uniform flexible conduit	ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK	2024	10.1002/zamm.202300007	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
658	Siva, T; Dubey, D; Jangili, S	Rotational flow dynamics of electroosmotic transport of couple stress fluid in a microfluidic channel under electromagnetohydrodynamic and slip-dependent zeta potential effects	PHYSICS OF FLUIDS	2024	10.1063/5.0215302	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
659	Kasiselvanathan, M; Prabhu, P; Raja, L; Lebaka, S	A multi-radio antenna system for Cognitive Radio(CR), 5G, WLAN and UWB MIMO applications	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2024	10.1016/j.aeue.2024.155315	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
660	Sumalatha, C; Doddaji, R; Venkateswarlu, M; Swapna, K; Mahamuda, S; Rao, AS	Visible emission studies by UV light conversion in (Dy3+/Tb3+) ions pair activated zinc-bismuth-barium borotellurite glasses for achieving intense green and white light	OPTICAL MATERIALS	2024	10.1016/j.optmat.2024.115451	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
661	Kumari, KGB; Brahman, PK; Lavanya, AL; Satyadev, TNVSS; Reddy, TV	Ultra-thrifty/cost-effective approach to determine Alizarin Red S (ARS) in natural water supplies through ruthenium-cobalt modified pencil graphite as minuscule electrode	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	2024	10.1080/03067319.2024.2330015	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
662	Krishna, RJ; Gopalakrishnan, T; Divyapushpalakshmi, M; Amarendra, K	Security and privacy concerns in social networks mathematically modified metaheuristic-based approach	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2024	10.47974/JDMSC-1892	Emerging Sources Citation Index (ESCI)	WOS Proof

663	Lee, DE; Mamede, N; Devthade, V; Jo, WK; Tonda, S	A hierarchical 3D hybrid CoAl-layered double hydroxide/TiO2/Ti3C2 MXene S-scheme photocatalyst with 2D/0D/2D contact interfaces for sustainable pollutant degradation	APPLIED SURFACE SCIENCE	2024	10.1016/j.apsusc.2023.159178	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
664	Yesudasu, V; Srivastava, R; Pal, S; Verma, A; Prajapati, YK	Performance Enhancement of SPR Sensor for Dengue Virus Detection: Influence of Aluminum Nitride and 2D Materials	PLASMONICS	2024	10.1007/s11468-024-02574-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
665	Henge, SK; Mandal, SK; Rane, AM; Sharma, M; Singh, R; Kumar, SASP; Marouthu, A	Deployment of Secure Data Parameters Between Stock Inverters and Interfaces Using Command- Contamination-Stealth Management System	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
666	Patrick, U; Rao, SK; Jagan, BOL; Rai, HM; Agarwal, S; Pak, W	Radar-Based Target Tracking Using Deep Learning Approaches with Unscented Kalman Filter	APPLIED SCIENCES-BASEL	2024	10.3390/app14188332	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
667	Salah, NH; Kaur, B; Rasul, HM; Vasimalla, Y; Kumar, S	Optical Fiber-Based SPR Sensor for Chemical and Biological Samples Detection Using 2-D Materials	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3424982	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
668	Damera, VK; Vanitha, G; Indira, B; Sirisha, G; Vatambeti, R	Improved snake optimization-based task scheduling in cloud computing	COMPUTING	2024	10.1007/s00607-024-01323-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
669	Vali, SS; Shanthi, G; Yalavarthi, A; Pingalakani, S; Chandrika, D; Ganesh, C; Sravani, KG	Design and simulation of tunable bandstop filters by integrating RF MEMS shunt switch for K-band applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05720-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
670	Pushpalatha, K; Sherubha, P; Sasirekha, SP; Anguraj, DK	A constructive delay-aware model for opportunistic routing protocol in MANET	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.124527	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
671	Jamuna, R; Kandavalli, SR; Arthis, P; Rao, PKV	A characterization study on toughening vinyl ester composites using annealed biosilica from fox tail millet husk and nettle fiber	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-024-05467-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
672	Lopez-Cueva, M; Apaza-Cutipa, R; Araujo-Cotacallpa, RL; Sasank, VVS; Rangasamy, R; Sengan, S	MULTI MOVING TARGET LOCALIZATION IN AGRICULTURAL FARMLANDS BY EMPLOYING OPTIMIZED COOPERATIVE UNMANNED AERIAL VEHICLE SWARM	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i6.3130	Emerging Sources Citation Index (ESCI)	WOS Proof
673	Salah, NH; Vasimalla, Y; Kaur, B; Rasul, HM; Santhosh, C; Balaji, R; Kumar, S	HBL/NaF-based and molybdenum ditelluride-immobilized optical fiber SPR sensor for early detection of melamine residue in food products	OPTICS AND LASER TECHNOLOGY	2024	10.1016/j.optlastec.2024.111386	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
674	Budati, AK; Islam, S; Rafee, SM; Chitteti, C; Narayana, TL	SECURITY ENABLED NEW TERM WEIGHT MEASURE TECHNIQUE WITH DATA DRIVEN FOR NEXT GENERATION MOBILE COMPUTING NETWORKS	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i2.2624	Emerging Sources Citation Index (ESCI)	WOS Proof
675	Rajkumaar, K; Boda, R; Choppakatla, N; Chaitanya, SMK	An optimized eagle adaboost model for brain tumor classification and severity analysis system	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-17789-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
676	Kolahalam, LA; Prasad, KRS; Krishna, PM; Supraja, N	Lawsonia inermis plant-based cobalt oxide nanoparticles: Synthesis, characterization and their biological studies	RESULTS IN CHEMISTRY	2024	10.1016/j.rechem.2024.101367	Emerging Sources Citation Index (ESCI)	WOS Proof

677	Kumar, A; Singh, NH; Namasudra, S; Crespo, RG; Moparthi, NR	Traffic matrix estimation using matrix-CUR decomposition	COMPUTER COMMUNICATIONS	2024	10.1016/j.comcom.2024.02.002	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
678	Maheswaran, VK; Baskaradas, JA; Devanaboyina, VR; Subramanian, S; Das, RM	Performance analysis of NeQuick2 and IRI-Plas models during quiet geomagnetic and low solar activity conditions at Thanjavur equatorial location: Preliminary results	JOURNAL OF ASTROPHYSICS AND ASTRONOMY	2024	10.1007/s12036-023-09992-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
679	Sreedevi, P; Kiran, A; Sri, TS; Poornima, E; Polepaka, S; Reddy, YS	Da-resbigru -brain tumor classification using Dual attention residual bi directional gated recurrent unit using MRI images	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2023.105596	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
680	Dasore, A; Konijeti, R; Prakash, BO; Yelamasetti, B	Numerical and empirical simulation of fluid flow in a spiral plate heat exchanger with Nusselt number correlation development	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01454-x	Emerging Sources Citation Index (ESCI)	WOS Proof
681	Anantha, MT; Koneru, S; Pyatla, S; Pillai, PPT; Buddi, T; Boggarapu, NR	Optimal Constrained Groove Pressing Process Parameters Applying Modified Taguchi Technique and Multi-Objective Optimization	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	2024	10.47836/pjst.32.2.21	Emerging Sources Citation Index (ESCI)	WOS Proof
682	Khan, GA; Khan, J; Anwar, T; Al-Huda, Z; Diallo, B; Ahmad, N	Complementary incomplete weighted concept factorization methods for multi-view clustering	KNOWLEDGE AND INFORMATION SYSTEMS	2024	10.1007/s10115-024-02197-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
683	Kumar, SD; Jagadeeswar, K; Divya, K; Reddy, MM; Reddy, ER	Production Strategies and Applications of L-asparaginase	RESEARCH JOURNAL OF BIOTECHNOLOGY	2024	10.25303/1910rjbt1930215	Emerging Sources Citation Index (ESCI)	WOS Proof
684	Khan, ZH; Khan, WA; Ibrahim, SM; Swain, K; Huang, ZT	Impact of multiple slips and thermal radiation on heat and mass transfer in MHD Maxwell hybrid nanofluid flow over porous stretching sheet	CASE STUDIES IN THERMAL ENGINEERING	2024	10.1016/j.csite.2024.104906	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
685	Samantaray, M; Pattabiraman, R; Murthy, TPK; Ramaswamy, A; Murahari, M; Krishna, S; Kumar, SB	Structure-based virtual screening of natural compounds against wild and mutant (R1155K, A1156T and D1168A) NS3-4A protease of Hepatitis C virus	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2024	10.1080/07391102.2023.2246583	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
686	Venkateswaran, N; Kumar, KK; Maheswari, K; Reddy, RVK; Boopathi, S	Optimizing IoT Data Aggregation: Hybrid Firefly-Artificial Bee Colony Algorithm for Enhanced Efficiency in Agriculture	AGRIS ON-LINE PAPERS IN ECONOMICS AND INFORMATICS	2024	10.7160/aol.2024.160110	Emerging Sources Citation Index (ESCI)	WOS Proof
687	Kumari, M; Ulmas, Z; Suseendra, R; Ramesh, JVN; El-Ebiary, YAB	Utilizing Federated Learning for Enhanced Real-Time Traffic Prediction in Smart Urban Environments	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
688	Sitharamulu, V; Sucharitha, G; Mohanty, SN; Janbhasha, S; Kothandaraman, D	A private Ethereum blockchain for organ donation and transplantation based on intelligent smart contracts	EGYPTIAN INFORMATICS JOURNAL	2024	10.1016/j.eij.2024.100542	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
689	Singh, S; Jatana, N; Sehgal, S; Anand, R; Arunkumar, B; Ramesh, JVN	Making Digital Payments Accessible Beyond Sight: A Usability Study of UPI-Based Smartphone Applications	IEEE ACCESS	2024	10.1109/ACCESS.2023.3348840	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
690	Swathi, S; Yuvakkumar, R; Ravi, G; Arunmetha, S; Velauthapillai, D	Copper tungsten sulfide nanocubes decorated with rGO/MWCNT for overall water splitting	ELECTROCHIMICA ACTA	2024	10.1016/j.electacta.2023.143685	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

691	Pan, HL; Ren, G; Wang, MZ; Wang, J; Kumar, KR	Investigation on the spatiotemporal and vertical structure of ice cloud and aerosol parameters from multi-source satellite datasets (2007-2021) over the Tarim Basin, China	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	2024	10.1016/j.jastp.2024.106185	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
692	Bhukya, R; Arunsundar, B; Tatini, NB; Sadala, TM; Elshafie, H; Qamar, S	RETRACTION: Optoelectronic device based failure management using content based multispectral image retrieval and deep learning model	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07433-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
693	Krishna, BVS; Pauline, S; Sivakumar, S; Palagan, CA; Talasila, V; Krishna, MMS	Enhanced efficiency in smart grid energy systems through advanced AI-based thermal modeling	THERMAL SCIENCE AND ENGINEERING PROGRESS	2024	10.1016/j.tsep.2024.102765	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
694	Ganiya, RK; Veeraiah, D; Thatha, VN; Rao, KS; Rao, JN; Manjith, R; Rajaram, A	Revolutionizing vascular health through the temporal convolutional transformer for drug screening and model evolution	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.106390	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
695	Vinta, SR; Rajarajeswari, P; Kumar, MV; Kumar, GSC	BConvLSTM: a deep learning-based technique for severity prediction of a traffic crash	INTERNATIONAL JOURNAL OF CRASHWORTHINESS	2024	10.1080/13588265.2024.2348397	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
696	Sridhar, SK; Bhavani, PD; Noothi, S; Gajula, LR; Goudanavar, P; Gowthami, B; Naveen, NR	Microwave Revolution: Transforming Biomedical Synthesis for Tissue Engineering Advancements	CURRENT MICROWAVE CHEMISTRY	2024	10.2174/0122133356321729240715094501	Emerging Sources Citation Index (ESCI)	WOS Proof
697	Krishnan, BG; Amirthalakahmi, TM; Prabu, RT; Kumar, A	The role of interface energetics in Sb2Se3 thin film solar cells	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad52d4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
698	Vanitha, L; Prabu, RT; Jacob, AA; Kumar, A	Device engineering of Sb2X3 antimony chalcogenide for loss analysis and strategies for maximizing photovoltaic efficiency	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad4751	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
699	Lilhore, UK; Simaiya, S; Dalal, S; Sharma, YK; Tomar, S; Hashmi, A	Secure WSN Architecture Utilizing Hybrid Encryption with DKM to Ensure Consistent IoV Communication	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-10859-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
700	Ghosh, SS; Chattopadhyay, S; Das, A; Medikundu, NR; Almawgani, AHM; Alhawari, ARH; Das, S	Wavelet-based rapid identification of IGBT switch breakdown in voltage source converter	MICROELECTRONICS RELIABILITY	2024	10.1016/j.microrel.2023.115283	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
701	Fancy, C; Krishnaraj, N; Ishwarya, K; Raja, G; Chandrasekaran, S	Modelling of healthcare data analytics using optimal machine learning model in big data environment	EXPERT SYSTEMS	2024	10.1111/exsy.13612	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
702	Prasad, KH; Vinoth, S; Ganesh, V; Ade, R	Synthesis and enhanced room temperature ammonia gas-sensing properties of In-doped MoO3 thin films prepared via nebulizer spray pyrolysis technique	IONICS	2024	10.1007/s11581-023-05333-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
703	Reddy, SV; Krishna, VR; Sapkal, RJ; Dhanke, J; Waghmare, SP; Kumar, K	A cutting-edge artificial intelligence paradigm for entertainment-infused music recommendations	ENTERTAINMENT COMPUTING	2024	10.1016/j.entcom.2024.100717	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
704	Deb, PP; Bhattacharya, D; Chatterjee, I; Saha, A; Mishra, AR; Ahammad, SH	A Decision-Making Model With Intuitionistic Fuzzy Information for Selection of Enterprise Resource Planning Systems	IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT	2024	10.1109/TEM.2022.3215608	Science Citation Index Expanded (SCI-EXPANDED); Social Science Citation Index (SSCI)	WOS Proof

705	Yechuri, S; Komati, TR; Yellapragada, RK; Vanambathina, S	A Multi-scale Subconvolutional U-Net with Time-Frequency Attention Mechanism for Single Channel Speech Enhancement	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	2024	10.1007/s00034-024-02721-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
706	Maheswaran, VK; Baskaradas, JA; Nagarajan, R; Anbazhagan, R; Subramanian, S; Devanaboyina, VR; Das, RM	Bi-LSTM based vertical total electron content prediction at low-latitude equatorial ionization anomaly region of South India	ADVANCES IN SPACE RESEARCH	2024	10.1016/j.asr.2023.08.054	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
707	Kaja, KR; Hajra, S; Panda, S; Belal, MA; Pharino, U; Khanbareh, H; Vittayakorn, N; Vivekananthan, V; Bowen, C; Kim, HJ	Exploring liquid-solid interface based triboelectrification, structures, and applications	NANO ENERGY	2024	10.1016/j.nanoen.2024.110319	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
708	Deepak, G; Parthiban, M; Nath, SS; Alfurhood, BS; Mouleswararao, B; Kishore, VR	Ai-enhanced thermal modeling for integrated process-product-system optimization in zero-defect manufacturing chains	THERMAL SCIENCE AND ENGINEERING PROGRESS	2024	10.1016/j.tsep.2024.102945	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
709	Emmela, S; Lahari, VR; Anusha, B; Bhavana, D; Yasyukevich, YV; Demyanov, VV; Ratnam, DV	Global ionospheric total electron content short-term forecast based on Light Gradient Boosting Machine, Extreme Gradient Boosting, and Gradient Boost Regression	ADVANCES IN SPACE RESEARCH	2024	10.1016/j.asr.2024.07.012	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
710	Prasad, KH; Vinoth, S; Ganesh, V; Ade, R	Fabrication of Al and La co-doped CdS thin film for ammonia gas-sensing application through low-cost nebulizer spray pyrolysis technique	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2024	10.1007/s00339-024-07355-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
711	Bhupatiraju, RV; Peddi, P; Edla, S; Rekha, K; Kasimala, BB	Green Analytical Approach for HPLC Method Development for Quantification of Sorafenib and Its Pharmacopeia Impurities: LC-MS/MS Characterization and Toxicity Prediction of Stress Degradation Products	SEPARATION SCIENCE PLUS	2024	10.1002/sscp.202400106	Emerging Sources Citation Index (ESCI)	WOS Proof
712	Hasan, M; Vijay, M; Sharanyaa, S; Tejaswi, VSD	ENSEMBLE MODEL WITH IMPROVED U-NET-BASED SEGMENTATION FOR LEUKEMIA DETECTION	BIOMEDICAL ENGINEERING-APPLICATIONS BASIS COMMUNICATIONS	2024	10.4015/S101623722450011X	Emerging Sources Citation Index (ESCI)	WOS Proof
713	Kumar, N; Edla, DR; Dash, D; Swain, G; Shankar, TN	Energy-efficient and delay-sensitive-based data gathering technique for multi-hop WSN using path-constraint mobile element	WIRELESS NETWORKS	2024	10.1007/s11276-023-03457-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
714	Vatambeti, R; Mantena, SV; Kiran, KVD; Manohar, M; Manjunath, C	Twitter sentiment analysis on online food services based on elephant herd optimization with hybrid deep learning technique	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2024	10.1007/s10586-023-03970-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
715	Keerthana, S; Yuvakkumar, R; Ravi, G; Celcia, BJB; Metha, SA; Velauthapillai, D	Synthesis of surfactant assisted Cu ₂ ZnSnS ₄ (CZTS) photocatalysts for removal of dyes from wastewater	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	2024	10.1016/j.seta.2024.103778	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
716	Sagar, PV; Rajyalaxmi, M; Subbalakshmi, AVVS; Sengan, S	Utilizing stochastic differential equations and random forest for precision forecasting in stock market dynamics	JOURNAL OF INTERDISCIPLINARY MATHEMATICS	2024	10.47974/JIM-1822	Emerging Sources Citation Index (ESCI)	WOS Proof

717	Berhane, SA; Kumar, KR; Bu, LB	A 13-year space-based climatological evolution of desert dust aerosols in the Middle East and North Africa regions observed by the CALIPSO	SCIENCE OF THE TOTAL ENVIRONMENT	2024	10.1016/j.scitotenv.2024.174793	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
718	Anuradha, D; Kuchipudi, R; Ashreetha, B; Ramesh, JVN; Rami, A	Enhancing Agricultural Yield Forecasting with Deep Convolutional Generative Adversarial Networks and Satellite Data	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
719	Suneel, S; Krishnamoorthy, R; Gopatoti, A; Maguluri, LP; Kuncha, P; Sunil, G	Enhanced image diagnosing approach in medicine using quantum adaptive machine learning techniques	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-06203-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
720	Wang, TT; Fang, WJ; Guo, HY; Pang, JL; Fan, XY; Li, CC; Wei, X; Kumar, S	High Q-factor Fano resonances based on an all-dielectric metasurface for high-performance refractive index sensing	APPLIED OPTICS	2024	10.1364/AO.532692	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
721	Ramalingam, PS; Italiya, G; Elangovan, S; Mishra, RAK; Aranganathan, M; Rajangam, E; Sukumar, N; Patel, BY; Ramaiah, MJ; Subramanian, S; Arumugam, S	Computational identification and experimental validation of potential inhibitors of JAK1 kinase from natural source for the effective treatment of colorectal adenocarcinoma	SOUTH AFRICAN JOURNAL OF BOTANY	2024	10.1016/j.sajb.2024.06.028	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
722	Yedhiri, SR; Palaparthi, KK; Kodi, R; Asmat, F	Unsteady MHD rotating mixed convective flow through an infinite vertical plate subject to Joule heating, thermal radiation, Hall current, radiation absorption	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-12954-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
723	Gnanasekaran, R; Yuvaraj, D; Reddy, GK; Shangar, SN; Vijayakumar, V; Iyyappan, J	Zinc oxide nanoparticles from leaf extract of Eclipta prostrata : Biosynthesis and characterization towards potential agent against film forming bacteria in metal working fluids	ENVIRONMENTAL CHEMISTRY AND ECOTOXICOLOGY	2024	10.1016/j.enceco.2024.06.001	Emerging Sources Citation Index (ESCI)	WOS Proof
724	Kishore, GNV; Rao, BVA; Rao, BS; Phani, Y; Babu, GS	On Common Coupled Fixed Point for ψ -Contractive in Partially Ordered Bipolar-Metric Spaces Using Compatible Mappings	IMPENDING INQUISITIONS IN HUMANITIES AND SCIENCES, ICIHS-2022	2024	10.1201/9781003489436-53	Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH)	WOS Proof
725	Khan, ZH; Swain, K; Ibrahim, SM; Khan, WA; Huang, ZT	Transient flow and heat transfer characteristics of single-phase nanofluid past a stretching sheet under the influence of thermal radiation and heat source	ALEXANDRIA ENGINEERING JOURNAL	2024	10.1016/j.aej.2024.07.071	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
726	Asiri, YI; Syed, T; Maringanti, TC; Eppakayala, L; Puli, VS	Synthesis and biological evaluation of tetrazole ring incorporated oxazole-pyrimidine derivatives as anticancer agents	SYNTHETIC COMMUNICATIONS	2024	10.1080/00397911.2024.2331922	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC)	WOS Proof
727	Sellam, V; Natrajan, K; Pandi, SS; Kumar, KS	LBO-MPAM: Ladybug Beetle Optimization-based multilayer perceptron attention module for segmenting the skin lesion and automatic localization	JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE	2024	10.1080/0952813X.2023.2301374	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
728	Sridevi, M; Goud, BS; Hassan, A; Mahendar, D	Finite Difference Approach on Magnetohydrodynamic Stratified Fluid Flow Past Vertically Accelerated Plate in Porous Media with Viscous Dissipation	FRONTIERS IN HEAT AND MASS TRANSFER	2024	10.32604/fhmt.2024.050929	Emerging Sources Citation Index (ESCI)	WOS Proof
729	Swathi, S; Yuvakkumar, R; Ravi, G; Arunmetha, S; Velauthapillai, D	Enhanced electrochemical performances of SrMoO ₄ /MWCNT-PVP nanocomposites as electrocatalyst for hydrogen evolution reaction	CERAMICS INTERNATIONAL	2024	10.1016/j.ceramint.2024.02.312	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
730	Rao, GRK; Ghanimi, HMA; Ramachandran, V	Enhanced security in federated learning by integrating homomorphic encryption for privacy-protected, collaborative model training	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2024	10.47974/JDMSC-1891	Emerging Sources Citation Index (ESCI)	WOS Proof

731	Ramasekhar, G; Selvi, PD; Reddy, MS; Reddy, SRR; Jakeer, S; Suneetha, S	ENTROPY GENERATION ANALYSIS ON HYBRID DUSTY NANOFLUID FLOW OVER A HEATED STRETCHING SHEET: AEROSPACE TECHNOLOGY	EAST EUROPEAN JOURNAL OF PHYSICS	2024	10.26565/2312-4334-2024-3-20	Emerging Sources Citation Index (ESCI)	WOS Proof
732	Srinivasu, PN; Sirisha, U; Sandeep, K; Praveen, SP; Maguluri, LP; Bikku, T	An Interpretable Approach with Explainable AI for Heart Stroke Prediction	DIAGNOSTICS	2024	10.3390/diagnostics14020128	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
733	Liang, XD; Long, YK; Xiang, KY; Shi, PY; Wang, Z; Xiao, K; Kumar, S; Li, XL; Min, R	Smartphone-Integrated POF Speckle Sensor for Heart Rate Variability Monitoring	IEEE SENSORS LETTERS	2024	10.1109/LSSENS.2024.3461811	Emerging Sources Citation Index (ESCI)	WOS Proof
734	Vijayakumar, S; Kumar, A; Radhika, R; Prabu, RT	Comprehensive evaluation of recombination confined performance of CuGaO2 for solar cell application	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad7a3d	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
735	Agarwal, V; Pareek, P; Gupta, S; Singh, L; Balaji, B; Dakua, PK	Design and analysis of carrier reservoir SOA based 2 x 1 MUX with enable input and implementing basic logic gates using MUX at 120 Gb/s	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07351-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
736	Mishra, A; Mandal, S; Tatini, NB; Gunnam, LC; Chincholkar, SH	Comparative Study of the Normalized-Error-Based Control and Traditional Current-Mode Control for a Sixth-Order Boost Converter	IEEE ACCESS	2024	10.1109/ACCESS.2024.3431614	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
737	Borra, SR; Premalatha, B; Divya, G; Srinivasarao, B; Eshwar, D; Reddy, VBS; Kumar, PM	Deep hashing with multilayer CNN-based biometric authentication for identifying individuals in transportation security	JOURNAL OF TRANSPORTATION SECURITY	2024	10.1007/s12198-024-00272-w	Emerging Sources Citation Index (ESCI)	WOS Proof
738	Tandra, N; Babu, CNG; Dhanke, J; Sudhakar, AVV; Rao, MK; Ravichandran, S	Enhancing Security and Privacy in Small Drone Networks Using 6G-IOT Driven Cyber Physical System	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11138-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
739	Sunanda, N; Shailaja, K; Kandukuri, P; Krishnamoorthy; Rao, VS; Godla, SR	Enhancing IoT Network Security: ML and Blockchain for Intrusion Detection	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
740	Nagalakshmi, M; Balamurugan, M; Kumar, BH; Maguluri, LP; Alansari, ARM; El-Ebiary, YAB	Revolutionizing Magnetic Resonance ImagingImage Reconstruction: A Unified Approach Integrating Deep Residual Networks and Generative Adversarial Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
741	Singh, V; Lee, JK; Seshadri, M; Bhat, AA; Watanabe, S; Rao, TKG	Photoluminescence and EPR spectroscopic studies on narrowband ultraviolet-B (NB-UVB) emitting trivalent gadolinium-doped CaAl4O7 material for phototherapy lamps	CERAMICS INTERNATIONAL	2024	10.1016/j.ceramint.2023.11.207	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
742	Anujency, M; Ibrahim, MM; Vinoth, S; Ganesh, V; Ade, R	Enhancing the properties of ZnO nanorods by Ni doping via the hydrothermal method for photosensor applications	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2024	10.1016/j.jphotochem.2023.115379	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
743	Boddiboyena, R; Sridhar, G; Reddy, GN; Seelam, N; Sarma, M; Kolli, D; Gudisela, MR	Design, synthesis, anticancer evaluation, molecular docking and in silico ADME analysis of novel substituted 1,3,4-thiadazoloaryl incorporated pyrimidine-thiazole derivatives as propitious anticancer agents	RESULTS IN CHEMISTRY	2024	10.1016/j.rechem.2024.101334	Emerging Sources Citation Index (ESCI)	WOS Proof
744	Reddy, SRR; Jakeer, S; Rupa, ML; Sekhar, KR	Two-phase analysis on radiative solar pump applications using MHD Eyring-Powell hybrid nanofluid flow with the non-Fourier heat flux model	JOURNAL OF ENGINEERING MATHEMATICS	2024	10.1007/s10665-023-10306-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

745	Agarwal, V; Pareek, P; Singh, L; Balaji, B; Dakua, PK; Chaurasia, V	Design and analysis of all optical header recognition system employing combination of carrier reservoir SOA and conventional SOA	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05657-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
746	Sekhar, JC; Balajee, J; Godla, SR; Rao, VS; El-Ebiary, YAB; Kaur, C	Maximizing Learning Outcomes through Fuzzy Inference System and Graph Theory Based on Learning Analytics	JOURNAL OF ADVANCES IN INFORMATION TECHNOLOGY	2024	10.12720/jait.15.6.784-797	Emerging Sources Citation Index (ESCI)	WOS Proof
747	Jagadesh, BN; Reddy, NVR; Udayaraju, P; Damera, VK; Vatambeti, R; Jagadeesh, MS; Koteswararao, C	Enhanced stock market forecasting using dandelion optimization-driven 3D-CNN-GRU classification	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-71873-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
748	Roque-Claros, RE; Flores-Llanos, DP; Maquera-Humipiri, AR; Sonthi, VK; Sengan, S; Rangasamy, R	UAV PATH PLANNING MODEL LEVERAGING MACHINE LEARNING AND SWARM INTELLIGENCE FOR SMART AGRICULTURE	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i5.3131	Emerging Sources Citation Index (ESCI)	WOS Proof
749	Reddy, VVK; Reddy, RVK; Munaga, MSK; Karnam, B; Maddila, SK; Kolli, CS	Deep learning-based credit card fraud detection in federated learning	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.124493	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
750	Rao, DS; Rao, LK; Bhagyaraju, V; Rohini, P	Advancing Human Action Recognition and Medical Image Segmentation using GRU Networks with V-Net Architecture	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
751	Mojjada, SK; Divu, DN; Sudhakaran, PO; Sundaram, SLP; Menon, M; Mojjada, RK; Tade, MS; Viswambharan, VS; Shree, J; Subramanian, A; Raghavan, SV; Gopalakrishnan, A	An integrated techno-economic decision-support fiscal forecast model for sea cage mariculture enterprises for Asian seabass production in Indian territorial waters	AQUACULTURE	2024	10.1016/j.aquaculture.2023.740351	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
752	Gopila, M; Prabu, RT; Kumar, ATA; Kumar, A	Synergetic Triple Absorber Based High-Efficiency Solar Cell Design	ADVANCED THEORY AND SIMULATIONS	2024	10.1002/adts.202400150	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
753	Roy, PP; Teju, V; Kandula, SR; Sowmya, KV; Stan, AI; Stan, OP	Secure Healthcare Model Using Multi-Step Deep Q Learning Network in Internet of Things	ELECTRONICS	2024	10.3390/electronics13030669	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
754	Kranthi, S; Padmaja, LD; Rao, MN; Nayak, P; Verma, B	Multiple feature based brain tumour detection and classification using extreme learning machine for accurate medical diagnostics	COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING-IMAGING AND VISUALIZATION	2024	10.1080/21681163.2023.2274411	Emerging Sources Citation Index (ESCI)	WOS Proof
755	Cherukuri, P; Gavarraju, LN; Sankar, GS; Kuppala, DR; Ramesh, M; Arundathi, JVS	A Novel Ensembled Enabled Edge Computing Model for Precision Crop Recommendation	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602035	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
756	Kumba, K; Simon, SP; Gundu, V; Upender, P; Ra, N; Sarkar, M	An Evaluation of Battery Degradation and Predictive Methods Under Resistive Load Caused by Intermittent Solar Radiation	IEEE ACCESS	2024	10.1109/ACCESS.2024.3369914	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
757	Lee, DE; Jyothirmai, MV; Mamede, N; Jo, WK; Tonda, S	2D/2D Schottky-type hybrid heterocatalyst comprising S-doped g-C3N4 and delaminated Ti3C2 MXene: Synergistic interplay of dual strategies for effective H2 generation and pollutant degradation	APPLIED SURFACE SCIENCE	2024	10.1016/j.apsusc.2024.160516	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

758	Rao, KA; Kumar, A; Patel, SK; Kaplun, D; Purohit, N	Design of Frequency Sampling Rational Rate Polyphase FIR Converter	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS	2024	10.1109/TCSII.2023.3309843	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
759	Bano, F; Serbaya, SH; Rizwan, A; Shabaz, M; Hasan, F; Khalifa, HS	An artificial neural network and Levenberg-Marquardt training algorithm-based mathematical model for performance prediction	APPLIED MATHEMATICS IN SCIENCE AND ENGINEERING	2024	10.1080/27690911.2024.2375529	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
760	Wuriti, GS; Vasudevan, M; Chattopadhyaya, S; Thomas, T; Wuriti, S	Failure load study of 18 percent Ni Maraging steel 250 (M250) using Acoustic emission parameters	NONDESTRUCTIVE TESTING AND EVALUATION	2024	10.1080/10589759.2023.2287070	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
761	Samal, P; Khadanga, KC; Surekha, B; Vundavilli, PR	Parametric modeling of resin-bonded sand mold systems using machine learning-based approaches	ENGINEERING RESEARCH EXPRESS	2024	10.1088/2631-8695/ad6d2f	Emerging Sources Citation Index (ESCI)	WOS Proof
762	Yesudasu, V; Srivastava, R; Pal, S; Verma, A; Prajapati, YK	Numerical analysis of an advanced surface plasmon resonance biosensor utilizing nitride material-tungsten ditelluride-black phosphorus	PHYSICA B-CONDENSED MATTER	2024	10.1016/j.physb.2023.415619	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
763	Damuka, N; Irmen, RE; Krizan, I; Miller, M; Gollapelli, KK; Bhoopal, B; Deep, O; Bansode, A; Lockhart, SN; Orr, ME; Jadia, P; Bashetti, N; Kumar, JVS; Mintz, A; Whitlow, CT; Craft, S; Macauley, SL; Sai, KKS	Exploring microtubule dynamics in Alzheimer's disease: Longitudinal assessment using [11C]MPC-6827 PET imaging in rodent models of Alzheimer's-related pathology	ALZHEIMERS & DEMENTIA	2024	10.1002/alz.14083	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
764	Manikandan, N; Qamar, S; Priyadarshini, K; Sharma, GK; Uma, S; Tatini, NB	Smart Healthcare Based on 6G Network Using Wireless Communication and Machine Learning Model in Cardiac Disease Analysis	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11178-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
765	Ansari, K; Panda, SK; Kavutarapu, V; Jamjareegulgarn, P	Towards mitigating the effect of plasma bubbles on GPS positioning accuracy through wavelet transformation over Southeast Asian region	ADVANCES IN SPACE RESEARCH	2024	10.1016/j.asr.2023.04.041	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
766	Prasad, KH; Vinoth, S; Ganesh, V; Ade, R; Yahia, IS	Enhanced photo-sensing activity of In-doped ZnO nanoparticles synthesized by wet chemical method	PHYSICA B-CONDENSED MATTER	2024	10.1016/j.physb.2024.415710	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
767	Swathi, S; Yuvakkumar, R; Ravi, G; Arunmetha, S; Arun, A; Velauthapillai, D	Bayberry-like Cu ₃ BiS ₃ with 2D layered nanosheets of rGO and g-C ₃ N ₄ for effective electrochemical HER activity	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024	10.1016/j.ijhydene.2023.07.279	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
768	Reddy, SRR; Sekhar, KR; Charupalli, SK; Jakeer, S; Rupa, ML; Manikandan, K; Kumar, TM	Impact of Arrhenius activation energy on magnetic nanofluid flow over a slendering stretchable sheet with nonlinear radiative heat transfer: A machine learning algorithm	NUMERICAL HEAT TRANSFER PART B-FUNDAMENTALS	2024	10.1080/10407790.2024.2333942	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
769	Venkatasubramanian, S; Thilagavathi, P; Londhe, GV; Ravi, A; Tiwari, G; Manoharmayum, DD	A Blockchain-centered Strategy for Ensuring Secure Data Sharing with Management Keys in IoT Environments	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602250	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
770	Liu, F; Singh, R; Marques, C; Zhang, BY; Kumar, S	Optical Fiber Biosensors with ZnO Nanowires and Nanoparticles of Fe ₃ O ₄ and Au for Rapid Detection of Enrofloxacin Residues in Food	ACS APPLIED NANO MATERIALS	2024	10.1021/acsanm.4c04045	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
771	Kalaimani, G; Kavitha, G; Chinnaiyan, S; Mylapalli, S	Optimally configured generative adversarial networks to distinguish real and AI-generated human faces	SIGNAL IMAGE AND VIDEO PROCESSING	2024	10.1007/s11760-024-03440-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

772	Ajithkumar, M; Kumar, NR; Nath, JM; Reddy, MV; Das, TK	A Numerical Simulation of the Magneto-Micropolar Nanofluid Flow Configured by the Stimulus Energies and Chemical Interaction	JOURNAL OF COMPUTATIONAL AND THEORETICAL TRANSPORT	2024	10.1080/23324309.2024.2379798	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
773	Swapna, B; Prasad, D; Darla, V; Chokka, SK	Numerical and experimental analysis of Al6082 composites reinforced with TiB2 and MWCNT for enhanced mechanical properties	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-024-02000-z	Emerging Sources Citation Index (ESCI)	WOS Proof
774	Deshmukh, AA; Krishna, RVV; Salman, R; Sandhiya, S; Balajee, J; Pilli, D	Employing a Hybrid Convolutional Neural Network and Extreme Learning Machine for Precision Liver Disease Forecasting	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
775	Rao, DS; Rao, LK; Bhagyaraju, V; Rohini, P	Advancing Human Action Recognition and Medical Image Segmentation using GRU Networks with V-Net Architecture	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
776	Kushwaha, S; Sathish, P; Thankam, T; Rajkumar, K; Kumar, MD; Gadde, SS	Segmentation of Breast Cancer from Mammogram Images using Fuzzy Clustering Approach	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10601962	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
777	Mahalakshmi, T; Beevi, SZ; Navaneethakrishnan, M; Ramya, P; Kumar, SNP	Optimized Attention-Driven Bidirectional Convolutional Neural Network: Recurrent Neural Network for Facebook Sentiment Classification	INTERNATIONAL JOURNAL OF BUSINESS DATA COMMUNICATIONS AND NETWORKING	2024	10.4018/IJBDCN.349572	Emerging Sources Citation Index (ESCI)	WOS Proof
778	Kumar, M; Kumar, C; Kumar, N; Kavitha, S	Efficient Hotel Rating Prediction from Reviews Using Ensemble Learning Technique	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11457-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
779	Panda, SP; Kesharwani, A; Singh, M; Kumar, S; Mayank; Mallick, SP; Guru, A	Limonin (LM) and its derivatives: Unveiling the neuroprotective and anti-inflammatory potential of LM and V-A-4 in the management of Alzheimer's disease and Parkinson's disease	FITOTERAPIA	2024	10.1016/j.fitote.2024.106173	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
780	Maurya, S; Gulhane, M; Ranolia, D; Vimal, V; Tiwari, A; Kumar, R	The Integral Significance of Data Science in Startup Ecosystems	SMART TRENDS IN COMPUTING AND COMMUNICATIONS, VOL 5, SMARTCOM 2024	2024	10.1007/978-981-97-1313-4_6	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
781	Prabu, RT; Malathi, SR; Kumar, R; Alkhalidi, HS; Kumar, A	Impact of Grain Size and Grain Nature in Thin-Film Solar Cells	ENERGY TECHNOLOGY	2024	10.1002/ente.202300754	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
782	Wang, H; Zheng, JQ; Nie, Q; Li, WB; Wang, Z; Xiao, K; Hu, XH; Kumar, S; Min, R	Double-Fishtail-Shaped FBG Wearable Device for Sitting Posture Recognition and Real-Time Respiratory Monitoring	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3367622	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
783	Zamani, A; Hashim, AHA; Gopi, A; Moholkar, K; Rizwanullah, M; Altaee, R	RETRACTED ARTICLE: Deep convolutional neural network to predict ground water level	SPATIAL INFORMATION RESEARCH	2024	10.1007/s41324-023-00537-x	Emerging Sources Citation Index (ESCI)	WOS Proof
784	Kumari, PV; Gangadhar, K; Ganteda, CK; Sulaiman, TA	Multiple slips on Darcy-Forchheimer unsteady flow manifested with Cattaneo-Christov heat flux over a stretching sheet	MODERN PHYSICS LETTERS B	2024	10.1142/S0217984924503044	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
785	Basha, M; Kumar, MS; Chinnaiiah, MC; Lam, SK; Srikanthan, T; Narambhatla, J; Dodde, HK; Dubey, S	Hardware Schemes for Smarter Indoor Robotics to Prevent the Backing Crash Framework Using Field Programmable Gate Array-Based Multi-Robots	SENSORS	2024	10.3390/s24061724	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

786	Anuradha, D; Sekhar, GC; Mishra, A; Thapar, P; El-Ebiary, YAB; Syamala, M	Efficient Compression for Remote Sensing: Multispectral Transform and Deep Recurrent Neural Networks for Lossless Hyper-Spectral Image	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
787	Manohar, A; Vijayakanth, V; Mamede, N; Ganesh, KS; Kim, KH	Revolutionizing nanoscience: Exploring the multifaceted applications and cutting-edge advancements in spinel CaFe2O4 nanoparticles - A review	INORGANIC CHEMISTRY COMMUNICATIONS	2024	10.1016/j.inoche.2023.111999	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
788	Babu, SA; Ranganath, A; Goswami, MM; Gnanaprakasam, T; Ishak, MK	Modified Marine Predators Algorithm With Deep Learning-Driven Security Solution for IoT-Assisted UAV Networks	IEEE ACCESS	2024	10.1109/ACCESS.2024.3386570	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
789	Gu, CF; Singh, R; Li, GR; Wang, QL; Liu, FZ; Min, R; Tosi, D; Zhang, BY; Kumar, S	Development of W-Type Four-Core Fiber-Based WaveFlex Sensor for Enhanced Detection of Shigella Sonnei Bacteria Using Engineered Nanomaterials	JOURNAL OF LIGHTWAVE TECHNOLOGY	2024	10.1109/JLT.2024.3379290	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
790	Singh, V; Seshadri, M; Saravanakumar, S; Joo, JB	Study of energy transfer process and radiative properties of CaAl4O7:Ho3+ phosphor for green light emission	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad1911	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
791	Sriramakrishnan, GV; Paul, PM; Gudimindla, H; Rachapudi, V	Fractional whale driving training-based optimization enabled transfer learning for detecting autism spectrum disorder	COMPUTATIONAL BIOLOGY AND CHEMISTRY	2024	10.1016/j.compbiolchem.2024.108200	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
792	Zhang, Q; Gu, CF; Singh, R; Jain, S; Chen, RT; Zhang, BY; Kumar, S	Hump-shaped seven-core fiber-based WaveFlex biosensor for rapid detection of glyphosate pesticides in real food samples	OPTICS EXPRESS	2024	10.1364/OE.530348	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
793	Maragatham, RS; El-Ebiary, YAB; Srilakshmi, ; Sridharan, K; Rao, VS; Godla, SR	Enhancing HCI Through Real-Time Gesture Recognition with Federated CNNs: Improving Performance and Responsiveness	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
794	Kolli, CS; Reddy, VVK; Reddy, TS; Chandol, MK; Dasari, DB; Reddy, MR	Deep learning-based privacy-preserving recommendations in federated learning	INTERNATIONAL JOURNAL OF GENERAL SYSTEMS	2024	10.1080/03081079.2024.2302605	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
795	Chirra, N; Abburi, NP; Rekha, EM; Pedapati, RK; Bollikanda, RK; Murahari, M; Sriram, D; Sridhar, B; Kantevari, S	N-Substituted piperazine-coupled imidazo[2,1-b]thiazoles as inhibitors of Mycobacterium tuberculosis: Synthesis, evaluation, and docking studies	DRUG DEVELOPMENT RESEARCH	2024	10.1002/ddr.22153	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
796	Babu, NR; Balasubramaniam, P; Joo, EM	Video encryption via synchronization of a fractional order T-S fuzzy memristive hyperchaotic system	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16483-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
797	Singh, S; Chaudhary, B; Kumar, R; Upadhyay, A; Kumar, S	A Numerical Analysis of Rectangular Open Channel Embedded TiO2-Au-MXene Employed PCF Biosensor for Brain Tumor Diagnosis	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2024.3386395	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
798	Kumar, BA; Jyothi, B; Singh, AR; Bajaj, M	Enhancing EV charging predictions: a comprehensive analysis using K-nearest neighbours and ensemble stack generalization	MULTISCALE AND MULTIDISCIPLINARY MODELING EXPERIMENTS AND DESIGN	2024	10.1007/s41939-024-00457-9	Emerging Sources Citation Index (ESCI)	WOS Proof
799	Ghodake, SP; Malkar, VR; Santosh, K; Jabasheela, L; Abdufattokhov, S; Gopi, A	Enhancing Supply Chain Management Efficiency: A Data-Driven Approach using Predictive Analytics and Machine Learning Algorithms	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof

800	Balaram, A; Rao, TDNSSS; Maguluri, LP; Siddiqui, ST; Gopatoti, A; Kuncha, P	Managing 5G IOT Network Operations and Safety Using Deep Learning and Attention Methods	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11193-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
801	Kale, MR; Deepa; Kumar, NA; Anantha, NL; Rao, VS; Godla, SR; Thenmozhi, E	Enhancing Cryptojacking Detection Through Hybrid Black Widow Optimization and Generative Adversarial Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
802	Uddaraju, S; Koushlya, A; Hemalatha, ; Maragatharajan, M; Balasubramanian, C; Kumar, LS	BREAST CANCER IMAGE CLASSIFICATION BASED ON ADAPTIVE INTERPOLATION APPROACH USING CLINICAL DATASET	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i2.2523	Emerging Sources Citation Index (ESCI)	WOS Proof
803	Namasudra, S; Dhamodharavadhani, S; Rathipriya, R; Crespo, RG; Moparthi, NR	Enhanced Neural Network-Based Univariate Time-Series Forecasting Model for Big Data	BIG DATA	2024	10.1089/big.2022.0155	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
804	Ahilan, A; Gorantla, A; Kiruba, G; Hamad, AA; Hassan, MM; Venkatram, N; Sindhu, TV	Interleaved Counter Matrix Code in SRAM Memories for Continuous Adjacent Multiple Bit Upset Correction	JOURNAL OF ELECTRONIC TESTING-THEORY AND APPLICATIONS	2024	10.1007/s10836-024-06135-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
805	Luo, YH; Zhao, TL; Meng, K; Zhang, L; Wu, M; Bai, YQ; Kumar, KR; Cheng, XH; Yang, QJ; Liang, DY	Distinct responses of urban and rural O3 pollution with secondary particle changes to anthropogenic emission reductions: Insights from a case study over North China	SCIENCE OF THE TOTAL ENVIRONMENT	2024	10.1016/j.scitotenv.2024.175340	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
806	Jadhav, PP; Pande, SD; Joshi, R; Gonge, S; Shelke, MP; Futane, P; Ahammad, SKH	CSADF: ingesting cuckoo search optimization algorithm enabled with fitness function for effective model transformation pertaining to ADF	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-17887-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
807	Jayakumar, VM; Rajakumari, R; Padmini, K; Godla, SR; El-Ebiary, YAB; Ponnuswamy, V	Elevating Neuro-Linguistic Decoding: Deepening Neural-Device Interaction with RNN-GRU for Non- Invasive Language Decoding	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
808	Paul, S; Olymon, K; Martinez, GS; Sarkar, S; Yella, VR; Kumar, A	MLDSPP: Bacterial Promoter Prediction Tool Using DNA Structural Properties with Machine Learning and Explainable AI	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2024	10.1021/acs.jcim.3c02017	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
809	Yadav, D; Sharma, PK; Malviya, R; Mishra, PS; Surendra, AV; Rao, GSNK; Rani, BR	Stimuli-responsive Biomaterials for Tissue Engineering Applications	CURRENT PHARMACEUTICAL BIOTECHNOLOGY	2024	10.2174/1389201024666230818121821	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
810	Prasad, GLV; Kollu, VN; Sailaja, M; Radhakrishnan, S; Mohan, KJ; Reddy, AK; Chandra, GR	Analysis of High-Temperature Effects on InAs/In0.3Al0.7As/InSb/In0.3Al0.7 As pHEMTs on Accessing RF/Analog performance: A Machine Learning Predictive Modeling	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2024	10.1007/s42341-023-00487-z	Emerging Sources Citation Index (ESCI)	WOS Proof
811	Chinnaiah, MC; Vani, GD; Karumuri, SR; Srikanthan, T; Lam, SK; Narambhatla, J; Krishna, DH; Dubey, S	Geometry-Based Parking Assistance Using Sensor Fusion for Robots With Hardware Schemes	IEEE SENSORS JOURNAL	2024	10.1109/JSEN.2023.3345037	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

812	Kiran, A; Rao, TDNSSS; Gopatoti, A; Deshmukh, R; Ramesh, JVN; Krishnamoorthy, R	Harnessing quantum power using hybrid quantum deep neural network for advanced image taxonomy	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-06202-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
813	Palaniappan, M; El-Shafay, AS; Shanmugan, S	Improving heat retention properties of steeped M-shape basin solar distillers utilizing paraffin RT50-enhanced silver nanoparticles and Manihot esculenta extracts	DESALINATION	2024	10.1016/j.desal.2024.117836	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
814	Basha, M; Kumar, MS; Chinnaiah, MC; Lam, SK; Srikanthan, T; Vani, GD; Janardhan, N; Krishna, DH; Dubey, S	A Versatile Approach for Adaptive Grid Mapping and Grid Flex-Graph Exploration with a Field-Programmable Gate Array-Based Robot Using Hardware Schemes	SENSORS	2024	10.3390/s24092775	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
815	Mohapatra, H; Rath, AK; Lenka, RK; Nayak, RK; Tripathy, R	Topological localization approach for efficient energy management of WSN	EVOLUTIONARY INTELLIGENCE	2024	10.1007/s12065-021-00611-z	Emerging Sources Citation Index (ESCI)	WOS Proof
816	Yasyukevich, YV; Zhang, BC; Devanaboyina, VR	Advances in GNSS Positioning and GNSS Remote Sensing	SENSORS	2024	10.3390/s24041200	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
817	Shirley, CP; Kumar, J; Rane, KP; Kumar, N; Rani, DR; Harshitha, K; Tiwari, M	IoT device type identification using training deep quantum neural networks optimized with a chimp optimization algorithm for enhancing IoT security	JOURNAL OF HIGH SPEED NETWORKS	2024	10.3233/JHS-230028	Emerging Sources Citation Index (ESCI)	WOS Proof
818	Khan, S; Sekhar, JC; Ramu, J; El-Ebiary, YAB; Saravanan, KA; Kumar, KP; Waghe, PU	A Hybrid DBN-GRU Model for Enhanced Sentiment Analysis in Product Reviews	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
819	Maheswaran, VK; Otsuka, Y; Baskaradas, JA; Devanaboyina, VR; Subramanian, S; Shinbori, A; Sori, T; Nishioka, M; Perwitasari, S	Solar activity dependence for the relationship between nighttime medium-scale traveling ionospheric disturbance and sporadic E (Es) layer activities in summer during 1998-2019 over Japan	EARTH PLANETS AND SPACE	2024	10.1186/s40623-024-02023-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
820	Devi, GR; Al-Tmimi, HM; Ghadir, GK; Sharma, S; Patnala, E; Bala, BK; El-Ebiary, YAB	COOT-Optimized Real-Time Drowsiness Detection using GRU and Enhanced Deep Belief Networks for Advanced Driver Safety	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
821	Sunanda, N; Shailaja, K; Kandukuri, P; Krishnamoorthy; Rao, VS; Godla, SR	Enhancing IoT Network Security: ML and Blockchain for Intrusion Detection	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
822	Gundu, V; Simon, SP; Kumba, K	Short-term solar power forecasting- An approach using JAYA based recurrent network model	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16723-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
823	Jithendra, T; Basha, SS; Divya, A; Rajyalakshmi, G	Machine learning technique ANFIS-COA for enhancing micro-milling performance by investigating the surface roughness and material removal rate	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-024-02061-0	Emerging Sources Citation Index (ESCI)	WOS Proof
824	Mahajan, G; Prasad, MVVKS; Swapna, K; Mahamuda, S; Venkateswarulu, M; Dhar, GG; Rao, A	Spectroscopic and electrical properties of europium doped bismuth antimony fluoroborate glasses	RADIATION PHYSICS AND CHEMISTRY	2024	10.1016/j.radphyschem.2024.111708	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

825	Rao, CSVP; Pandian, A; Reddy, CR; Gulzar, MM; Khalid, M	A Novel Hybrid RERNN-SCSO Technique-based Unified Power Quality Conditioner of Microgrid in an EV Charging Station	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	2024	10.1007/s13369-024-08765-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
826	Kumar, A; Upadhyay, C; Kumar, N; Prasad, AVSR; Nagaraju, DS	Soft Computing Based Parametric Optimization of Cutting Rate, Surface Roughness, and Kerf Width in Wire Electric Discharge Machining of High Strength Ti-3Al-2.5 V	EXPERIMENTAL TECHNIQUES	2024	10.1007/s40799-023-00681-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
827	Bandhekar, S; Kalifullah, AH; Likki, VKR; Hamatta, HSA; Deepa,; Yadav, TN	Optimizing Industrial Engineering Performance with Fuzzy CNN Framework for Efficiency and Productivity	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
828	Bharathi, GP; Chandra, I; Prasada, D; Sanagana, R; Tummalachervu, CK; Rao, VS; Neelima, S	AI-driven adaptive learning for enhancing business intelligence simulation games	ENTERTAINMENT COMPUTING	2024	10.1016/j.entcom.2024.100699	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
829	Kumar, A; Pandit, S; Sharma, K; Agrawal, S; Kuhad, RC; Mathuriya, AS; Dikshit, PK; Mishra, SK; Seth, CS; Prasad, R	Microbial degradation of cellulose extracted from wheat bran for bioelectricity production using microbial fuel cell	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2024	10.1016/j.psep.2024.06.076	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
830	Alkathy, MS; Goud, JP; Ibrahim, KE; Kassim, HA	Investigate the effect of co-doping on the grain size and diffuse phase transition of barium titanate ceramics	JOURNAL OF OVONIC RESEARCH	2024	10.15251/JOR.2024.204.513	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
831	Madhavi, M; Agal, S; Odedra, ND; Chowdhary, H; Ruprah, TS; Vuyyuru, VA; El-Ebiary, YAB	Elevating Offensive Language Detection: CNN-GRU and BERT for Enhanced Hate Speech Identification	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
832	Tripathy, A; Sharma, P; Bin Abu Osman, NA	Synthesis, fabrication and characterization of CaMgFexTiyO12-based electro-ceramics sensor	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-024-12100-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
833	Vatambeti, R; Mantena, SV; Kiran, KVD; Chennupalli, S; Gopalachari, MV	Black hole attack detection using Dolphin Echo-location-based machine learning model in MANET environment	COMPUTERS & ELECTRICAL ENGINEERING	2024	10.1016/j.compeleceng.2024.109094	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
834	Siva, V; Sanjana, S; Murugan, A; Shameem, A; Jauhar, RM; Babu, S	Facile synthesis and asymmetric device fabrication of zeolite like Co-MOF as a promising electrode material with improved cyclic stability	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-023-11801-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
835	Kumba, K; Upender, P; Buduma, P; Sarkar, M; Simon, SP; Gundu, V	Solar tracking systems: Advancements, challenges, and future directions: A review	ENERGY REPORTS	2024	10.1016/j.egy.2024.09.038	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
836	Gundekari, S; Kalusulingam, R; Varkolu, M; Srinivasan, K	Preparation of 4,4-bis(5-methylthiophen-2-yl)pentanoic acid from biomass-based functional molecules using solid acid catalysts	CATALYSIS COMMUNICATIONS	2024	10.1016/j.catcom.2024.106906	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
837	Pan, HL; Huang, JP; Li, JM; Huang, ZW; Wang, MZ; Mamtimin, A; Huo, W; Yang, F; Zhou, T; Kumar, KR	The Tibetan Plateau space-based tropospheric aerosol climatology: 2007-2020	EARTH SYSTEM SCIENCE DATA	2024	10.5194/essd-16-1185-2024	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
838	Mahajan, G; Prasad, MVVK; Seshulatha, K; Dhar, GG; Rao, A	White light emission and spectroscopic studies of dysprosium doped bismuth antimony fluoroborate glasses for optoelectronic devices	OPTICAL MATERIALS	2024	10.1016/j.optmat.2024.115067	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
839	Singh, V; Kumari, S; Seshadri, M; Kaur, S; Rao, A	Photoluminescence characteristics of Sm3+activated Y2SiO5 orange emitting phosphors	SOLID STATE COMMUNICATIONS	2024	10.1016/j.ssc.2023.115397	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

840	Ganesh, C; Kumar, AS; Vali, SS; Kondaveeti, GS; Wadhwa, G; Karumuri, SR	A novel design of collapsed supply and boosted bit-line swing write driver for fast write access 9T SRAM	ENGINEERING RESEARCH EXPRESS	2024	10.1088/2631-8695/ad5e5c	Emerging Sources Citation Index (ESCI)	WOS Proof
841	Mahapatro, SR; Mahapatra, S; Govinda, A; Mahapatra, RK	A dynamic optimal decoupling controller design for a multi-variable system with stability analysis: an algebraic approach	INTERNATIONAL JOURNAL OF MODELLING AND SIMULATION	2024	10.1080/02286203.2024.2331834	Emerging Sources Citation Index (ESCI)	WOS Proof
842	Anbalagan, S; Manojkumar, K; Muthuramalingam, M; Hajra, S; Panda, S; Sahu, R; Kim, HJ; Sundaramoorthy, A; Nithyavathy, N; Vivekananthan, V	Progress and recent advances in self-powered gas sensing based on triboelectric and piezoelectric nanogenerators	CHEMICAL ENGINEERING JOURNAL	2024	10.1016/j.cej.2024.154740	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
843	Ahmed, HR; Salih, MA; Agha, NNM; Tofiq, DI; Karim, MAH; Kayani, KF; Ealias, AM; Hamarawf, RF; Aziz, BK; Khatab, LO	Enhanced methyl orange removal in aqueous solutions using bio-catalytic metal oxides derived from pomegranate peel waste: a green chemistry evaluation	REACTION KINETICS MECHANISMS AND CATALYSIS	2024	10.1007/s11144-024-02685-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
844	Ulavapalli, GR; Koyilapu, R; Charan, TG; Krishna, VM; Reddy, GVS	Coal quality enhancement by using bio extracts of carissa carandas fruits in combination with Hydro Fluoric acid	INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION	2024	10.1080/19392699.2024.2310653	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
845	Jayakumar, VM; Rajakumari, R; Padmini, K; Godla, SR; El-Ebiary, YAB; Ponnuswamy, V	Elevating Neuro-Linguistic Decoding: Deepening Neural-Device Interaction with RNN-GRU for Non-Invasive Language Decoding	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
846	Biradar, R; Patil, S; Sharma, P; Fernandes, F	Comparative investigation of friction stir welds reinforced with graphene nanoplatelets and copper in AA6082-T6 alloy	MATERIALS RESEARCH EXPRESS	2024	10.1088/2053-1591/ad832b	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
847	Anuradha, D; Sekhar, GC; Mishra, A; Thapar, P; El-Ebiary, YAB; Syamala, M	Efficient Compression for Remote Sensing: Multispectral Transform and Deep Recurrent Neural Networks for Lossless Hyper-Spectral Image	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
848	Nanda, AK; Thilagavathy, R; Devi, GSKG; Chaturvedi, A; Jalda, CS; Inthiyaz, S	Forecasting deep learning-based risk assessment of vector-borne diseases using hybrid methodology	TECHNOLOGY AND HEALTH CARE	2024	10.3233/THC-240046	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
849	Angineni, J; Reddy, PMK; Anga, S; Somaiah, PV	Sustainable nitrogen fixation by novel gliding arc plasma reactor for the production of nitrogen fertilizers	PLASMA PROCESSES AND POLYMERS	2024	10.1002/ppap.202400059	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
850	Soma, N; Grande, SK; Agarwal, RP	Systems of First-Order Linear Fuzzy Initial Value Problems and Their Applications	INTERNATIONAL JOURNAL OF FUZZY LOGIC AND INTELLIGENT SYSTEMS	2024	10.5391/IJFIS.2024.24.2.171	Emerging Sources Citation Index (ESCI)	WOS Proof
851	Shidenur, H; Mathew, SM; Sagarika, N; Warriar, AS; Harikrishnan, MP; Pandiselvam, R; Kothakota, A	Development and optimization of a mechanized jackfruit processing unit for enhanced efficiency and commercial viability	JOURNAL OF FOOD PROCESS ENGINEERING	2024	10.1111/jfpe.14598	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
852	Muruges, V; Janarthanan, P; Kavitha, A; Sivakumar, N; Jaganathan, SCB; Suriyan, K	Provisioning a risk predictor model for Alzheimers disease using an improved deep network model	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16858-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

853	Pradhan, N; Saha, S; Samal, S; Pramanik, S	Nonlocal analysis of Rayleigh-type wave propagating in a gradient layered structure with distinct interfacial imperfections	EUROPEAN PHYSICAL JOURNAL PLUS	2024	10.1140/epjp/s13360-024-05554-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
854	Bhattad, A; Atgur, V; Boggarapu, NR; Banapurmath, NR; Badruddin, IA; Sajjan, AM; Alqahtani, M; Kamangar, S; Vadlamudi, C; Krishnappa, S	Evaluation of a multi-objective model for pulsed heat pipe performance	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-13313-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
855	Devi, GR; Al-Tmimi, HM; Ghadir, GK; Sharma, S; Patnala, ME; Bala, DBK; El-Ebiary, TDYAB	COOT-Optimized Real-Time Drowsiness Detection using GRU and Enhanced Deep Belief Networks for Advanced Driver Safety	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
856	Sharma, T; Reddy, DN; Kaur, C; Godla, SR; Salini, R; Gopi, A; El-Ebiary, YAB	Federated Convolutional Neural Networks for Predictive Analysis of Traumatic Brain Injury: Advancements in Decentralized Health Monitoring	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
857	Maniraj, SP; Chillakuru, P; Thangavel, K; Kadam, A; Meckanzi, S; Cheerla, S	An efficient convolutional global gated recurrent-based adaptive gazelle algorithm for enhanced disease detection and classification	EVOLVING SYSTEMS	2024	10.1007/s12530-024-09598-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
858	Kiran, A; Narayanasamy, N; Ramesh, JVN; Ahmad, MW	A novel deep learning framework for accurate melanoma diagnosis integrating imaging and genomic data for improved patient outcomes	SKIN RESEARCH AND TECHNOLOGY	2024	10.1111/srt.13770	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
859	Simaiya, S; Lilhore, UK; Sharma, YK; Rao, KBVB; Rao, VVRM; Baliyan, A; Bijalwan, A; Alroobaea, R	A hybrid cloud load balancing and host utilization prediction method using deep learning and optimization techniques	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-51466-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
860	Dhas, PE; Lalitha, S; Govindaraj, A; Jyoshna, B	Spatial clustering based gene selection for gene expression analysis in microarray data classification	AUTOMATIKA	2024	10.1080/00051144.2023.2284027	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
861	Praneeth, KR; Ruprah, TS; Madhuri, JN; Sreenivasulu, AL; Shareefunnisa, S; Rao, VS	Optimizing Customer Interactions: A BERT and Reinforcement Learning Hybrid Approach to Chatbot Development	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
862	Vanitha, L; Sahoo, S; Prabu, RT; Kumar, A	Performance analysis of wide bandgap inorganic perovskite for indoor photovoltaics for IoT applications: simulation study	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07336-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
863	Maragatham, RS; El-Ebiary, YAB; Srilakshmi, ; Sridharan, K; Rao, VS; Godla, SR	Enhancing HCI Through Real-Time Gesture Recognition with Federated CNNs: Improving Performance and Responsiveness	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
864	Manimaran, A; Syed, MH; Kumar, MS; Selvanayaki, S; Sunitha, G; Manna, A	Enhancing Asian Indigenous Language Processing through Deep Learning-based Handwriting Recognition and Optimization Techniques	ACM TRANSACTIONS ON ASIAN AND LOW-RESOURCE LANGUAGE INFORMATION PROCESSING	2024	10.1145/3632173	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
865	Balaram, A; Rao, TDNSSS; Rangaree, P; Siddiqui, ST; Gopatoti, A; Maguluri, LP	Energy-Efficient Distribution of Resources in Cyber-Physical Internet of Things with 5G/6G Communication Framework	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11145-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

866	Gongada, TN; Desale, GB; Ghodake, SP; Sridharan, K; Rao, VS; El-Ebiary, YAB	Optimizing Resource Allocation in Cloud Environments using Fruit Fly Optimization and Convolutional Neural Networks	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
867	Srivastava, PK; Srivastava, AK; Budaraju, RR; Yellapragada, RK; Attuluri, S; Mohapatra, S; Attuluri, S; Mohapatra, S	A holistic mathematical cyber security model in fog resource management in computing environments	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2024	10.47974/JDMSC-1962	Emerging Sources Citation Index (ESCI)	WOS Proof
868	Bhukya, R; Arunsundar, B; Tatini, NB; Sadala, TM; Elshafie, H; Qamar, S	Optoelectronic device based failure management using content based multispectral image retrieval and deep learning model	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05793-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
869	Alsubai, S; Dutta, AK; Alghayadh, F; Alamer, BH; Pattanayak, RM; Ramesh, JVN; Mohanty, SN	Design of Artificial Intelligence Driven Crowd Density Analysis for Sustainable Smart Cities	IEEE ACCESS	2024	10.1109/ACCESS.2024.3390049	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
870	Pradhan, D; Muduli, D; Zamani, A; Yaqoob, SI; Alanazi, SM; Kumar, RR; Parveen, N; Shameem, M	Refined Software Defect Prediction Using Enhanced JAYA Optimization and Extreme Learning Machine	IEEE ACCESS	2024	10.1109/ACCESS.2024.3467183	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
871	Najumunnisa, M; Sastry, ASCS; Madhav, BTP; Rashed, ANZ	Enhanced Antenna System for Non-invasive Quality Assessment and Defect Identification in Fruits: Uniting Tomographic Image Reconstruction with FTIR Spectroscopy	FOOD ANALYTICAL METHODS	2024	10.1007/s12161-024-02621-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
872	Rani, P; Mishra, AR; Cavallaro, F; Alrasheedi, AF	Location selection for offshore wind power station using interval-valued intuitionistic fuzzy distance measure-RANCOM-WISP method	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-54929-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
873	Sekhar, PR; Sreedhar, S; Ibrahim, SM; Kumar, PV; Omprakash, B	Numerical investigation of heat radiation on MHD viscoelastic nanofluid flow over a stretching sheet with heat source and slip conditions	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01407-4	Emerging Sources Citation Index (ESCI)	WOS Proof
874	Mohapatra, H; Rath, AK; Lenka, RK; Nayak, RK; Tripathy, R	Topological localization approach for efficient energy management of WSN (May, 10.1007/s12065-021-00611-z, 2021)	EVOLUTIONARY INTELLIGENCE	2024	10.1007/s12065-021-00631-9	Emerging Sources Citation Index (ESCI)	WOS Proof
875	Shobharani, B; Girinath, S; Babu, KS; Kumaran, JC; El-Ebiary, YAB; Farhad, S	DeepCardioNet: Efficient Left Ventricular Epicardium and Endocardium Segmentation using Computer Vision	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
876	Goswami, C; Selvi, PT; Sreenivas, V; Seetha, J; Kiran, A; Talasila, V; Maithili, K	Securing healthcare big data in industry 4.0: cryptography encryption with hybrid optimization algorithm for IoT applications	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05672-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
877	Kumar, KV; Kumar, YD; Godla, SR; Al Ansari, MS; El-Ebiary, YAB; Muniyandy, E	Enhancing Water Quality Forecasting Reliability Through Optimal Parameterization of Neuro-Fuzzy Models via Tunicate Swarm Optimization	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
878	Elamaran, E; Murugaveni, S; Jyothi, S; Prabhu, MR; Chitra, MP; Talasila, V	A novel approach of low complexity distributed UA algorithm is used for traffic load balancing and interference in next generation networks	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-06105-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

879	Venkatasubramanian, S; Kharat, AM; Abilasha, N; Raha, S; Manerkar, GV; Manoharmayum, DD	Virtual Reality-Enabled Data Processing Framework for IoT Sensor Networks with Augmented and Mixed Reality Integration, along with E-commerce, CRM, and Management Information System	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602231	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
880	Sah, P; Kumar, D; Rangegowda, YP; Srivastava, A; Kumar, B; Amphawan, A; Bharti, GK	Integrated optical ring resonator based comb filter in silicon-on-insulator with through-to-add port feedback path showing larger free spectral range	JOURNAL OF NANOPHOTONICS	2024	10.1117/1.JNP.18.026005	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
881	Yu, XN; Guan, JW; Zhang, JY; Cheng, YX; Shen, JL; Kumar, KR; Zhang, YX; Dipesh, R; Hu, JL	A comprehensive observation of organic and inorganic nitrogen in gases, particulate matter and precipitation in the northern suburb of Nanjing, East China, with an emphasis on size-resolved particulate nitrogen	ATMOSPHERIC ENVIRONMENT	2024	10.1016/j.atmosenv.2024.120415	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
882	Singh, C; Mehata, AK; Viswanadh, MK; Tiwari, P; Saini, R; Singh, SK; Tilak, R; Tiwari, KN; Muthu, MS	Chitosan film of thiolated TPGS-modified Au-Ag nanoparticles for combating multidrug-resistant bacteria	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2024	10.1016/j.colsurfa.2024.133287	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
883	Sakthipandi, K; Venkatesan, K; Sivakumar, R; Rajkumar, G; Babu, BG; Arunmetha, S; Hossain, A; Raghavan, MS; Rajendran, V	Exploring the impact of rare-earth (La ³⁺) ions doping on structural, magnetic, and dielectric properties of Co _{0.50} Ni _{0.50} LaxFe _{2-x} O ₄ nano-spinel ferrite	JOURNAL OF ALLOYS AND COMPOUNDS	2024	10.1016/j.jallcom.2024.173708	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
884	Rahman, MZU; Akunuri, S; Babu, DN; Ramprasad, MVS; Shareef, SKM; Bayleyegn, MD	Proof of Trust and Expertise (PoTE): A Novel Consensus Mechanism for Enhanced Security and Scalability in Electronic Health Record Management	IEEE ACCESS	2024	10.1109/ACCESS.2024.3424685	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
885	Ramasekhar, G; Jakeer, S; Reddy, SRR; Alkarni, S; Shah, NA	Biomedical importance of Casson nanofluid flow with silver and Fe ₂ O ₃ nanoparticles delivered into a stenotic artery: Numerical study	AIMS MATHEMATICS	2024	10.3934/math.20241125	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
886	Kaur, N; Mittal, A; Lilhore, UK; Simaiya, S; Dalal, S; Sharma, YK	An adaptive mobility-aware secure handover and scheduling protocol for Earth Observation (EO) communication using fog computing	EARTH SCIENCE INFORMATICS	2024	10.1007/s12145-024-01291-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
887	Samha, AK; Alshammri, GH; Pani, NK; Misra, Y; Kolluru, VR	Privacy-Preserving Wireless Sensor Networks for E-Healthcare Applications	INTERNATIONAL JOURNAL OF COOPERATIVE INFORMATION SYSTEMS	2024	10.1142/S0218843024500060	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
888	Gongada, TN; Agnihotri, A; Santosh, K; Ponnuswamy, V; Narendran, S; Sharma, T; El-Ebiary, YAB	Leveraging Machine Learning for Enhanced Cyber Attack Detection and Defence in Big Data Management and Process Mining	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
889	Sagar, PV; Ghanimi, HMA; Prabhu, LAJ; Raja, L; Dadheech, P; Sengan, S	Secure multi-party computation in deep learning : Enhancing privacy in distributed neural networks	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2024	10.47974/JDMS-1879	Emerging Sources Citation Index (ESCI)	WOS Proof
890	Singh, L; Almawgani, AHM; Agrawal, KK; Kumar, R; Ali, YAA; Agrawal, V	Assessment of Refractive Index-Based SPR Sensor for Branched Chain AA	PLASMONICS	2024	10.1007/s11468-023-02171-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

891	Xiao, LC; Singh, R; Nedoma, J; Wang, QL; Liu, FZ; Tosi, D; Marques, C; Zhang, BY; Kumar, S	Novel 3S-shaped biophotonic sensor utilizing MoS2-NSs/ZnO-NWs/AuCu-NCs for rapid detection of Shigella flexneri bacteria	APL PHOTONICS	2024	10.1063/5.0223660	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
892	Banothu, Y; Peravali, S; Reddy, DVRK; Qaid, SMH; Hiremath, V; Babu, PSS	Scalable synthesis of micro@meso porous carbon using crop-waste as cost-effective electrode materials for energy storage	JOURNAL OF POROUS MATERIALS	2024	10.1007/s10934-024-01682-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
893	Goswami, C; Selvi, PT; Sreenivas, V; Seetha, J; Kiran, A; Talasila, V; Maithili, K	RETRACTION: Securing healthcare big data in industry 4.0: cryptography encryption with hybrid optimization algorithm for IoT applications	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07445-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
894	Waghe, PU; Kumar, AS; Prasad, AB; Rao, VS; Thenmozhi, E; Godla, SR; El-Ebiary, YAB	Blockchain-Enabled Cybersecurity Framework for Safeguarding Patient Data in Medical Informatics	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
895	Dinakarkumar, Y; Masi, C; Rajabathar, JR; Ramakrishnan, G; Ninawe, R; Al-Lohedan, H; Veera, HM	Phytoconstituents of a traditional herb, Verbascum sinaiticum Benth mediated zinc-ferric bimetallic nanoparticle synthesis and bioactive properties for sustainable application	JOURNAL OF MOLECULAR STRUCTURE	2024	10.1016/j.molstruc.2024.138307	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
896	Sakuntala, SS; Sarakanam, S; Dhavan, A; Taggar, R; Kohli, G	The complexity of corruption and recent trends in information technology for combating corruption in India	PUBLIC ADMINISTRATION AND POLICY-AN ASIA-PACIFIC JOURNAL	2024	10.1108/PAP-05-2023-0058	Emerging Sources Citation Index (ESCI)	WOS Proof
897	Venkatraman, S; Kandasamy, ; Rajalakshmi, J; Begum, SS; Sujatha, M	Assessment of urban heat island using remote sensing and geospatial application: A case study in Sao Paulo city, Brazil, South America	JOURNAL OF SOUTH AMERICAN EARTH SCIENCES	2024	10.1016/j.jsames.2023.104763	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
898	Bhardwaj, R; Kanth, BS; Joon, RK; Navyata; Ahmad, KSF; Dineshnath, G	Application of deep reinforcement learning techniques to optimise resource allocation in wireless communication Systems	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602210	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
899	Vemuri, PK; Nelluri, KDD; Manne, AA; Veeravilli, S; Bodiga, S; Bodiga, VL; Rao, KRSS	Saraca asoca Bark-derived Procyanidins Mitigate Doxorubicin-induced Cardiotoxicity	ASIAN JOURNAL OF PHARMACEUTICS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
900	Hussain, E; Mahanta, LB; Borbora, KA; Borah, H; Choudhury, SS	Exploring explainable artificial intelligence techniques for evaluating cervical intraepithelial neoplasia (CIN) diagnosis using colposcopy images	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2024.123579	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
901	Jakeer, S; Reddy, SRR; Rupa, ML; Basha, HT	Convective transport of pulsatile multilayer hybrid nanofluid flow in a composite porous channel	NONLINEAR ANALYSIS-MODELLING AND CONTROL	2024	10.15388/namc.2024.29.34489	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
902	Ramesh, G; Budati, AK; Islam, S; Maghrabi, LA; Al-Atwai, A	Artificial Intelligence Enabled Future Wireless Electric Vehicles with Multi-Model Learning and Decision Making Models	TSINGHUA SCIENCE AND TECHNOLOGY	2024	10.26599/TST.2023.9010094	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
903	Gnanasekaran, P; Varunkumar, KA; Rajendran, N; Priyadarshini, R; Macherla, S	Optoelectronic-aided machine learning-based stable routing protocol for MANET and beyond massive MIMO systems in 5G networks	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-06106-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

904	Antony, ASM; Sumithra, J; Rayudu, K; Dhanalakshmi, G; Saravanan, RA; Kavitha, A; Ravindra, G; Malini, KV	Dynamic and Model Predictive Controllers for Frequency Regulation of an Isolated Micro-Grid with Electrical Vehicles and the ESS Integration	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2023.2226141	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
905	Sankaranarayanan, S; Subramanian, S; Hussain, S; Mamidipudi, GK	Hierarchical nanostructures of MoS2 for visible light photocatalytic degradation of methylene blue dye	PHYSICA B-CONDENSED MATTER	2024	10.1016/j.physb.2024.416383	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
906	Jena, S; Swain, K; Ibrahim, SM; Sreenivasulu, P; Lorenzini, G	Three-Dimensional MHD Rotating flow of Radiative Nanofluid over a Stretched Sheet with Homogeneous-Heterogeneous Chemical Reactions	JOURNAL OF ENGINEERING THERMOPHYSICS	2024	10.1134/S1810232824020097	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
907	Waghe, PU; Kumar, AS; Prasad, AB; Rao, VS; Thenmozhi, E; Godla, SR; El-Ebiary, YAB	Blockchain-Enabled- Enabled Cybersecurity Framework for Safeguarding Patient Data in Medical Informatics	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
908	Rao, VS; Balakrishna, R; El-Ebiary, YAB; Thapar, P; Saravanan, KA; Godla, SR	AI Driven Anomaly Detection in Network Traffic Using Hybrid CNN-GAN	JOURNAL OF ADVANCES IN INFORMATION TECHNOLOGY	2024	10.12720/jait.15.7.886-895	Emerging Sources Citation Index (ESCI)	WOS Proof
909	Anwar, T; Uma, ; Srivastava, G	CDRec-CAS: Cross-Domain Recommendation Using Context-Aware Sequences	IEEE TRANSACTIONS ON COMPUTATIONAL SOCIAL SYSTEMS	2024	10.1109/TCSS.2022.3233781	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
910	Chakraborty, K; Medikundu, NR; Kanakavalli, PB; Kamesh, VV; Das, S; Choudhury, MG; Paul, S	Comparative study of structural, opto-electronic properties of Cs2TiX6-based single halide double perovskite solar cells: computational and experimental approach	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad77fc	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
911	Awadhiya, B; Ratnakumar, R; Kumar, S; Yadav, S; Nigam, K; Nanjappa, Y; Kondekar, PN	Linearity and intermodulation distortion analysis of single and dual metal gate junctionless transistor	HELIYON	2024	10.1016/j.heliyon.2024.e32325	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
912	Kiran, A; Salunkhe, SS; Srinivas, B; Vanitha, M; Ahmed, MA; Ramesh, JVN	Accelerating autonomous vehicle safety through Real-Time Immersive virtual reality gaming simulations	ENTERTAINMENT COMPUTING	2024	10.1016/j.entcom.2024.100674	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
913	You, JL; Liu, IT; Chen, YH; Balaji, R; Tung, SH; Liao, YC	Adamantane-based low-dielectric-constant photocurable resin for 3D printing electronics	ADDITIVE MANUFACTURING	2024	10.1016/j.addma.2024.104047	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
914	Shankar, BB; Udhayamoorthi, M; Latha, YM; Lalitha, RVS; Prakash, A; Vijayan, VP	Robust fuzzy logic schemes for cooperative spectrum sharing in 5G networks with uncertain channel conditions	COMPUTERS & ELECTRICAL ENGINEERING	2024	10.1016/j.compeleceng.2023.109060	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
915	Hezam, IM; Basua, D; Mishra, AR; Rani, P; Cavallaro, F	Intuitionistic fuzzy gained and lost dominance score based on symmetric point criterion to prioritize zero-carbon measures for sustainable urban transportation	KYBERNETES	2024	10.1108/K-03-2023-0380	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
916	Devi, CHS; Mary, SASA; Karthikeyan, N; Varalakshmi, S; Talasila, V; Naidu, GR	Graph neural network-based multiscale thermal modeling for heterogeneous materials with complex structures	THERMAL SCIENCE AND ENGINEERING PROGRESS	2024	10.1016/j.tsep.2024.102983	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

917	Siddiqui, AH; Swetha, VP; Chowdhary, H; Krishna, RVV; Muniyandy, E; Maguluri, LP	Harnessing Big Data: Strategic Insights for IT Management	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
918	Khan, SA; Kalifullah, AH; Ibragimova, K; Singh, AK; Muniyandy, E; Rachapudi, V	Integrating AI and IoT in Advanced Optical Systems for Sustainable Energy and Environment Monitoring	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024	10.14569/IJACSA.2024.01505123	Emerging Sources Citation Index (ESCI)	WOS Proof
919	Salini, Y; Mohanty, SN; Ramesh, JVN; Yang, M; Chalapathi, MMV	Cardiotocography Data Analysis for Fetal Health Classification Using Machine Learning Models	IEEE ACCESS	2024	10.1109/ACCESS.2024.3364755	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
920	Misra, P; Panigrahi, N; Patro, SGK; Salau, AO; Aravinth, SS	PETLFC: Parallel ensemble transfer learning based framework for COVID-19 differentiation and prediction using deep convolutional neural network models	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16084-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
921	Dihaji, N; Nasraoui, H; Das, S; Islam, T; Madhav, BTP; El Aoufi, J; Kchikach, M	A novel metamaterial superstrate array integrated flexible UWB antenna with improved performance for applications in portable medical devices	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07204-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
922	Samal, P; Raj, H; Meher, A; Surekha, B; Vundavilli, PR; Sharma, P	Synergistic Effect of B4C and Multi-Walled CNT on Enhancing the Tribological Performance of Aluminum A383 Hybrid Composites	LUBRICANTS	2024	10.3390/lubricants12060213	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
923	Raghunath, KMK; Bhat, CR; Kumar, VV; Kannan, VA; Mahesh, TR; Manikandan, K; Krishnamoorthy, N	Redefining Urban Traffic Dynamics With TCN-FL Driven Traffic Prediction and Control Strategies	IEEE ACCESS	2024	10.1109/ACCESS.2024.3443298	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
924	Babu, NR; Joshua, AS; Balasubramaniam, P; Tiwari, A	Fuzzy-driven image enhancement via ABR-fractal-fractional differentiation	INFORMATION SCIENCES	2024	10.1016/j.ins.2024.120741	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
925	Priyanka, TP; Reji, R; Narla, VL; Selvakumarasamy, K; Miya, J; Mahajan, YV	Quantum-inspired adaptive loss detection and real-time image restoration for live optical quantum image transmission	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05859-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
926	Alkathy, MS; Kassim, HA; Gatasheh, MK; Goud, JP; Eiras, JA	ACHIEVING SUPERIOR ENERGY STORAGE PERFORMANCE IN BARIUM TITANATE CERAMICS VIA A RARE EARTH CO-DOPING STRATEGY	CERAMICS-SILIKATY	2024	10.13168/cs.2024.0049	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
927	Pandey, R; Choure, KK; Zafar, R; Qazi, G; Mitharwal, R; Singh, G; Kumar, S	Nanorods-embedded Ring Resonator-based Plasmonic Sensor for Adulteration Detection in Honey Products	PLASMONICS	2024	10.1007/s11468-024-02507-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
928	Felix, MAJ; Shanlee, SSR; Chen, SM; Ruspika, S; Balaji, R; Chandrasekar, N; Doss, PA	Design and fabrication of La-based perovskites incorporated with functionalized carbon nanofibers for the electrochemical detection of roxarsone in water and food samples	ANALYTICAL METHODS	2024	10.1039/d4ay00264d	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
929	Kumar, GSC; Kumar, RK; Kumar, KPV; Sai, NR; Brahmaiah, M	Deep residual convolutional neural Network: An efficient technique for intrusion detection system	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2023.121912	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

930	Nasri, NE; EL Ghzaoui, M; Das, S; Jackson, B; Madhav, BTP; Fattah, M	A square split ring resonator-based metamaterial integrated high gain 4 x 4 MIMO antenna with circular polarization for wideband 5G millimeter-wave applications	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-06914-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
931	Antony, ASM; Pradeep, J; Arigela, SH; Rajesh, T; Elangovan, P; Reddy, MR; Sivasankar, GA; Rajaram, A	Energy Storage Systems Using Renewable Energy for Systems With Grid Integration	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
932	Lakshmi, SKP; Sreedhar, S; Ganteda, C; Maddila, S	Efficient effects of chemical reactions and thermal radiation on unsteady magnetohydrodynamic mixed convection in hybrid nanofluid flow over a nonlinearly stretched sheet	CHEMICAL DATA COLLECTIONS	2024	10.1016/j.cdc.2024.101124	Emerging Sources Citation Index (ESCI)	WOS Proof
933	Gongada, TN; Agnihotri, A; Santosh, K; Ponnuswamy, V; Narendran, S; Sharma, T; El-Ebiary, YAB	Leveraging Machine Learning for Enhanced Cyber Attack Detection and Defence in Big Data Management and Process Mining	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
934	Thenmozhi, M; Sujatha, M; Kavitha, M; Senthilraja, S; Babu, M; Priya, V	Assessment of cyclone risk and case study of Gaja cyclone using GIS techniques and machine learning algorithms in coastal zone of Tamil Nadu, India	ENVIRONMENTAL RESEARCH	2024	10.1016/j.envres.2023.118089	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
935	Shai, K; Banerjee, D; Begum, RS; Srikanth, N; Narasimharao, J; El-Ebiary, YAB; Thenmozhi, E	Dynamic Object Detection Revolution: Deep Learning with Attention, Semantic Understanding, and Instance Segmentation for Real-World Precision	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
936	Sankaranarayanan, S; Kumar, DSH; Kandasamy, P; Subramanian, S; Sundaramoorthy, A; Neti, S	Development of Ag/SrTiO3 and Ag/SrTiO3/GO nanocomposites with superior photocatalytic and electrochemical characteristics for the environmental remediation of industrial dye	CERAMICS INTERNATIONAL	2024	10.1016/j.ceramint.2023.11.149	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
937	Shanlee, SSR; Felix, MAJ; Chen, SM; Ruspika, S; Singh, V; Balaji, R; Parkavi, P; Chandrasekar, N	Ultrasensitive electrochemical detection of 4-nitrophenol through flower-like mixed transition metal oxide anchored on reduced graphene oxide composites	MICROCHEMICAL JOURNAL	2024	10.1016/j.microc.2024.111762	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
938	Sankhyan, S; Kumar, P; Sonkar, M; Pandit, S; Ranjan, N; Ray, S	Characterization of biosurfactant produced through co-utilization of substrates by the novel strain Pseudomonas aeruginosa NG4	BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY	2024	10.1016/j.bcab.2023.102988	Emerging Sources Citation Index (ESCI)	WOS Proof
939	Awadhiya, B; Yadav, S; Nanjappa, Y; Pahuja, A; Yadav, S; Agrawal, S	Passive Voltage Amplification in FE-FE-DE Heterostructure	IEEE ACCESS	2024	10.1109/ACCESS.2024.3378744	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
940	Kodi, R; Vaddemani, RR; Kommaddi, H; Noeiaghdam, S; Fernandez-Gamiz, U	Thermodynamic and buoyancy force effects of Cu and TiO2 nanoparticles in engine oil flow over an inclined permeable surface	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	2024	10.1016/j.jksus.2024.103434	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
941	Devi, YU; Madhav, BTP; Das, S; Islam, T; El Ghzaoui, M	Dual-Notched UWB Orthogonal MIMO Antenna with Improved Gain Characteristics Using Frequency Selective Surfaces for Wireless Communication Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S0218126624502323	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

942	Lakshmi, AA; Challa, B; Sateesh, N; Rajesh, KVD; Revathi, G; Vafaeva, KM; Joshi, A	Friction stir welding of aluminum AA6061 & AA8011 using optimization approach based on both Taguchi and grey relational analysis	COGENT ENGINEERING	2024	10.1080/23311916.2024.2393737	Emerging Sources Citation Index (ESCI)	WOS Proof
943	D'Souza, M; Nimma, D; Pokkuluri, KS; Ramesh, JVN; Kondaveeti, SB; Kongala, L	Multiclass Osteoporosis Detection: Enhancing Accuracy with Woodpecker-Optimized CNNXGBoost	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
944	Umakanth, N; Kumar, PV; Biswasharma, R; Gogineni, R; Ahammad, SH; Rao, MC	Association of Mesoscale Features With Tropical Cyclone Tauktae	THALASSAS	2024	10.1007/s41208-024-00740-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
945	Okitadiowo, JPD; Lay-Ekuakille, A; Massaro, A; Isernia, T; Urooj, S; Rao, KS	Algorithms-based beamforming for a narrowband signal received by an antenna array	MEASUREMENT	2024	10.1016/j.measurement.2024.114816	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
946	Minu, MS; Rani, PJI; Sonthi, VK; Shankar, G; Mohan, E; Rajesh, A	An innovative privacy preservation and security framework with fog nodes in enabled vanet system using hybrid encryption techniques	PEER-TO-PEER NETWORKING AND APPLICATIONS	2024	10.1007/s12083-024-01672-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
947	Vatsalya, VLS; Sundari, GS; Sridhar, CSLN; Durairaj, M; Girisun, TCS; Lakshmi, CS	Exploring nonlinear optical absorption in cobalt-doped Nickel-Zinc nanomaterials	MATERIALS CHEMISTRY AND PHYSICS	2024	10.1016/j.matchemphys.2024.129215	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
948	Yadav, S; Gulia, P; Gill, NS; Yahya, M; Shukla, PK; Pareek, PK; Shukla, PK	A video compression-cum-classification network for classification from compressed video streams	VISUAL COMPUTER	2024	10.1007/s00371-023-03242-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
949	Desu, PK; Karmakar, B; Kondi, V; Tiwari, ON; Halder, G	Optimizing formulation of green tea extract-loaded chitosan nanogel	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-022-02453-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
950	Bhattad, A; Atgur, V; Rao, BN; Banapurmath, NR; Manavendra, G; Sajjan, AM; Badruddin, IA; Tambrallimath, V; Kamangar, S; Hussien, M	A simplified LMTD approach to assess the effectiveness of a chevron-type plate heat exchanger	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-13573-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
951	Seelam, K; Rani, AD; Rambabu, K; Al-Asbahi, BA; Qaid, SMH; Babu, PSS	Flexible Supercapacitors With Improved Energy Density Using OPBI-Coated Polyaniline-Carbon Nanotube Blends	IEEE TRANSACTIONS ON ELECTRON DEVICES	2024	10.1109/TED.2024.3415575	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
952	Lang, XZ; Singh, R; Zeng, QH; Li, J; Tosi, D; Nedoma, J; Marques, C; Zhang, BY; Kumar, S	Chitosan-coated iron(III) oxide nanoparticles and tungsten disulfide quantum dots-immobilized Fiber-based WaveFlex Biosensor for Staphylococcus Aureus bacterial detection in real food samples	SENSORS AND ACTUATORS REPORTS	2024	10.1016/j.snr.2024.100239	Emerging Sources Citation Index (ESCI)	WOS Proof
953	Pandi, SS; Ramani, DR; Senthilselvi, A; Dhanasekaran, S; Kalpana, B; Balaji, NA	Advancing IoT security with flame: A hybrid approach combining fuzzy logic and artificial lizard search optimization	COMPUTERS & SECURITY	2024	10.1016/j.cose.2024.103984	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

954	Prasad, N; Pardhasaradhi, P; Madhav, BTP; Ganesh, GV; Reddy, VS; Rao, MRKN; Mohan, NK	Design of fractal shaped antenna with MBBA LC material dispersed with ZnO nanoparticles for bandwidth improvement	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	2024	10.1515/zna-2024-0061	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
955	Selvi, S; Aggarwal, K; Pandurangan, R; Vijayan, VP; Ali, A; Anuradha, K	Enhancing the accuracy of target detection in remote video surveillance analytics through federated learning	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05664-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
956	Kutala, S; Awari, H; Velu, S; Anthonisamy, A; Bathula, NJ; Inthiyaz, S	Hybrid Deep Learning-Based Air Pollution Prediction and Index Classification Using an Optimization Algorithm	AIMS ENVIRONMENTAL SCIENCE	2024	10.3934/environsci.2024027	Emerging Sources Citation Index (ESCI)	WOS Proof
957	Rani, P; Sharma, C; Ramesh, JVN; Verma, S; Sharma, R; Alkhayyat, A; Kumar, S	Federated Learning-Based Misbehavior Detection for the 5G-Enabled Internet of Vehicles	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2024	10.1109/TCE.2023.3328020	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
958	Deepak; Gulia, P; Gill, NS; Yahya, M; Gupta, P; Shukla, PK; Shukla, PK	Exploring the Potential of Blockchain Technology in an IoT-Enabled Environment: A Review (vol 12, pg 31197, 2024)	IEEE ACCESS	2024	10.1109/ACCESS.2024.3430168	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
959	Murugan, D; Mishra, P; Bhat, SN; Pandey, V; Mallick, SP; Guruprasad, KP; Srivastava, P; Singh, BN	From shape to function-bioprinting technologies for tissue engineered grafts to meet clinical needs	INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS	2024	10.1080/00914037.2023.2201947	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
960	Das, P; Madhav, BTP; Ghali, SR; Kundu, S; Alathbah, M	Investigation of optically transparent metasurfaces for gain improvement of an ultrawideband antenna for wireless body area networks and vehicular communications	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad8708	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
961	Shareef, SKK; Chaitanya, RK; Chennupalli, S; Chokkakula, D; Kiran, KVD; Pamula, U; Vatambeti, R	Enhanced botnet detection in IoT networks using zebra optimization and dual-channel GAN classification	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-67865-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
962	Shafiq, M; Quanrun, F; Du, CQ; Bilal, A; Syamala, M; Muniyandy, E	Multiplexing techniques for future fiber optic communications with spatial multiplexing	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05862-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
963	Chand, CG; Gautam, AS; Kumar, M; Maity, R; Maity, NP	Analytical model and analysis of RF MEMS switch for Ka-band applications	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-023-05581-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
964	Louragli, E; El Hachimi, Y; Das, S; Islam, T; Madhav, BTP; Farchi, A	A Miniaturized Tag Antenna Based on Meandered Line Technique for UHF Radio Frequency Identification Applications	PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS	2024	10.2528/PIERL24052402	Emerging Sources Citation Index (ESCI)	WOS Proof
965	Sahu, AK; Kottala, SY; Narang, HK; Rajput, MS	Intertwining green SCM- and agile SCM-based decision-making framework for sustainability using GIVTFNs	JOURNAL OF GLOBAL OPERATIONS AND STRATEGIC SOURCING	2024	10.1108/JGOSS-06-2022-0060	Emerging Sources Citation Index (ESCI)	WOS Proof
966	Greeni, A; El-Ebiary, YAB; Krishna, GV; Vikram, G; Kumar, KP; Ravikiran, K; Bala, BK	BrainLang DL: A Deep Learning Approach to FMRI for Unveiling Neural Correlates of Language across Cultures	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof

967	Ramasekhar, G; Reddy, YR; Sreenivasulu, S; Jakeer, S; Reddy, SRR; Suneetha, S; Srinivas, TAS; Sarabu, A	NEW TREND OF AUTOMOBILE ASPECTS ON MHD OF HYBRID NANOFLUID FLOW OVER A POROUS STRETCHING CYLINDER: A NUMERICAL STUDY	EAST EUROPEAN JOURNAL OF PHYSICS	2024	10.26565/2312-4334-2024-2-24	Emerging Sources Citation Index (ESCI)	WOS Proof
968	Rambabu, C; Aruna, B; Shanmukhi, PSV; Kiran, MG; Murali, N; Mammo, TW; Parajuli, D; Choppara, P; Himakar, P; Narayana, PVL	Effect of La ³⁺ /Cu ²⁺ and La ³ /Ni ² +substitution on the synthesis, magnetic and dielectric properties of M-type Sr _{1-x} La _x Fe _{12-x} M _x O ₁₉ (M = Cu and Ni) hexaferrite	INORGANIC CHEMISTRY COMMUNICATIONS	2024	10.1016/j.inoche.2023.111753	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
969	Sun, FX; Fan, XY; Fang, WJ; Zhao, JJ; Xiao, WX; Li, CC; Wei, X; Tao, JF; Wang, YL; Kumar, S	Multiple toroidal dipole Fano resonances from quasi-bound states in the continuum in an all-dielectric metasurface	OPTICS EXPRESS	2024	10.1364/OE.525196	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
970	Reddy, TS; Reddy, VVK; Reddy, RVK; Kolli, CS; Sitharamulu, V; Chandrababu, M	SHBO-based U-Net for image segmentation and FSHBO-enabled DBN for classification using hyperspectral image	IMAGING SCIENCE JOURNAL	2024	10.1080/13682199.2023.2208927	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
971	Nalinipriya, G; Lydia, EL; Sree, SR; Nikolenko, D; Potluri, S; Ramesh, JVN; Jayachandran, S	Optimal directed acyclic graph federated learning model for energy-efficient IoT communication networks	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-71995-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
972	Rashed, ANZ; Eid, MMA; Ahammad, SH	Design and simulation of non linear metamaterial for full efficient nano structure optical spatial RAM memory detection sensing at mid infrared region	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07295-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
973	Dharmaiah, G; Goud, BS; Srinivasulu, T; Sridevi, M; Srinu, A	Influence of activation energy in steady state hydro dynamic non-Newtonian nano fluid with mobile microorganisms	RESULTS IN CHEMISTRY	2024	10.1016/j.rechem.2024.101653	Emerging Sources Citation Index (ESCI)	WOS Proof
974	Saha, A; Kolandasamy, R; Chatterjee, P; Antucheviciene, J	A consensus-based single valued neutrosophic model for selection of educational vendors under metaverse with extended reality	APPLIED SOFT COMPUTING	2024	10.1016/j.asoc.2024.111476	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
975	Suneel, S; Balaram, A; Begum, MA; Umapathy, K; Reddy, PCS; Talasila, V	Quantum mesh neural network model in precise image diagnosing	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-06245-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
976	Nagapavani, M; Reddy, GVR; Abdulrahman, A; Kumar, R; Gowda, RJP	Three-dimensional swirling flow of a ternary composite nanofluid induced by the torsional motion of a cylinder considering non-Fourier law	NUMERICAL HEAT TRANSFER PART A-APPLICATIONS	2024	10.1080/10407782.2023.2219834	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
977	Rao, PNVS; Raman, GRA; Rao, MSS; Radha, K; Ahmed, R	Enhancing Orchard Cultivation Through Drone Technology and Deep Stream Algorithms in Precision Agriculture	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
978	Kurangi, C; Paidipati, KK; Reddy, ASK; Uthayakumar, J; Kadiravan, G; Parveen, S	Metaheuristic optimization-based clustering with routing protocol in wireless sensor networks	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2024	10.1002/dac.5914	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
979	Reddy, SRR; Jakeer, S; Sathishkumar, VE; Basha, HT; Cho, J	Numerical study of TC ₄ -NiCr/EG+Water hybrid nanofluid over a porous cylinder with Thompson and Troian slip boundary condition: Artificial neural network model	CASE STUDIES IN THERMAL ENGINEERING	2024	10.1016/j.csite.2023.103794	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

980	Kumar, R; Singh, S; Garia, L; Chaudhary, B; Singh, MK; Kumar, S	A Numerical Analysis for the Detection of Water Salinity Concentration Using Long-Range Surface Plasmon Resonance Biosensor With TMDCs-Teflon/Cytop	IEEE TRANSACTIONS ON PLASMA SCIENCE	2024	10.1109/TPS.2024.3471636	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
981	Prasad, KV; Abdul, A; Srikanth, B; Paleti, L; Kumar, KK; Pachala, S	Graph-based zero-shot learning for classifying natural and computer-generated image	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-18026-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
982	Zhang, XL; Zheng, HY; Wang, ZQ; Su, YZ; Chen, HH; Liu, Q; Yao, P; Mamed, N; Ngo, HH; Nghiem, LD	Pretreatment by a novel photo-electro reactor to control organic and biofouling during reverse osmosis filtration of reclaimed water	CHEMICAL ENGINEERING JOURNAL	2024	10.1016/j.cej.2024.148893	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
983	Singh, V; Bhat, AA; Radha, M; Seshadri, M; Nandyala, SH; Joo, JB	Investigation on structure and photoluminescence properties of Ho ³⁺ doped Ca ₃ (VO ₄) ₂ phosphors for luminescent devices	RSC ADVANCES	2024	10.1039/d4ra03178d	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
984	Murthy, S; Ramesh, PS; Padmaja, P; Lal, B; Reddy, GJ; Chinthamu, N	Using social networking evidence to examine the impact of environmental factors on social Followings: An innovative Machine learning method	ENTERTAINMENT COMPUTING	2024	10.1016/j.entcom.2024.100659	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
985	Reddy, GD; Medikundu, NR; Kumar, TV; Koneru, S; Bobba, PB; Singla, A; Pandey, AK; Al-Jawahry, HM	Intelligent optimization for multiprocessor systems: hybrid algorithmic strategies for scheduling and load balancing	COGENT ENGINEERING	2024	10.1080/23311916.2024.2376911	Emerging Sources Citation Index (ESCI)	WOS Proof
986	Hmamou, A; Kiouach, F; Das, S; Ghzaoui, ME; Islam, T; Madhav, BTP	A MIMO antenna array featuring dual wideband and high gain for 5G NR n257/n258/n260/n261 bands applications	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad67ab	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
987	Rao, VS; Kasireddy, S; Mishra, A; Salini, R; Godla, SR; Bedair, K	Unveiling Spoofing Attempts: A DCGAN-based Approach to Enhance Face Spoof Detection in Biometric Authentication	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
988	Almuzaini, KK; Joshi, S; Ojo, S; Aggarwal, M; Suman, P; Pareek, PK; Shukla, PK	Optimization of the operational state's routing for mobile wireless sensor networks	WIRELESS NETWORKS	2024	10.1007/s11276-023-03246-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
989	Neelakandan, S; Srither, SR; Dhineshababu, NR; Maloji, S; Dahlsten, O; Balaji, R; Singh, R	Recent Advances in Wearable Textile-Based Triboelectric Nanogenerators	NANOMATERIALS	2024	10.3390/nano14181500	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
990	Kanthimathi, T; Bhramara, P; Atgur, V; Rao, BN; Banapurmath, NR; Sajjan, AM; Badruddin, IA; Kamangar, S; Khan, TMY; Baig, RU; Vadlamudi, C; Krishnappa, S	Thermophysical properties and heat transfer in mono and hybrid nanofluids with different base fluids: an overview (vol 149, pg 1649, 2024)	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-12935-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
991	Singh, V; Seshadri, M; Radha, M; Mehare, CM; Dhoble, SJ; Joo, JB	Tunable Color Emissions upon UV Irradiation from Tb ³⁺ :Y ₂ SiO ₅ Phosphor	JOURNAL OF ELECTRONIC MATERIALS	2024	10.1007/s11664-024-10985-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

992	Jo, J; Panda, S; Kim, N; Hajra, S; Hwang, S; Song, H; Shukla, J; Panigrahi, BK; Vivekananthan, V; Kim, J; Achary, PGR; Keum, H; Kim, HJ	Hybrid nanogenerator for self-powered object recognition	JOURNAL OF SCIENCE-ADVANCED MATERIALS AND DEVICES	2024	10.1016/j.jsamd.2024.100693	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
993	Kumar, R; Kumar, A; Bhatia, K; Nisar, KS; Chouhan, SS; Maratha, P; Tiwari, AK	Hybrid Approach of Cotton Disease Detection for Enhanced Crop Health and Yield	IEEE ACCESS	2024	10.1109/ACCESS.2024.3419906	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
994	Sasikumar, P; Cherukuvada, S; Balmurugan, P; Anand, PV; Brindasri, S; Nareshkumar, R	An Efficient Brain tumor classification using CNN and transfer learning	2024 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS, ACCAI 2024	2024	10.1109/ACCAI61061.2024.10602391	Conference Proceedings Citation Index - Science (CPCI-S)	WOS Proof
995	AlZoubi, WA; Desale, GB; Bakyarani, ES; Kumari, CRU; Nimma, D; Swetha, K; Bala, BK	Attention-Based Deep Learning Approach for Pedestrian Detection in Self-Driving Cars	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
996	Rashed, ANZ; Eid, MMA; Ahammad, SH	Optimum Solar Cell Power Conversion Efficiency-Based Patterned Planar Solar Surface Morphology with Various Solar Cell Absorber Structures	NANO	2024	10.1142/S1793292024500905	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
997	Sakthipandi, K; Venkatesan, K; Purushothaman, G; Rajkumar, G; Jotania, RB; Sivakumar, R; Arunmetha, S; Hossain, A	Study of phase transition temperature in defect-induced barium hexaferrite	MATERIALS LETTERS	2024	10.1016/j.matlet.2024.136257	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
998	El Ansari, A; Das, S; Islam, T; Asha, S; El Idrissi, NE; Madhav, BTP	A High-Gain Directional 1 x 8 Planar Antenna Array for 2.4 GHz RFID Reader Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S0218126624502190	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
999	Bhatt, A; Kant, R; Luthra, M; Jindal, S; Gudipalli, TL; Jain, V; Meenu	Quantum-inspired vortex search algorithm with deep neural networks for multi-pose facial expression recognition	INTERNATIONAL JOURNAL OF MODERN PHYSICS C	2024	10.1142/S0129183124501535	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1000	Alijoyo, FA; Pradhan, R; Nalini, N; Ahamad, SS; Rao, VS; Godla, SR	Predictive Maintenance Optimization in Zigbee-Enabled Smart Home Networks: A Machine Learning-Driven Approach Utilizing Fault Prediction Models	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11233-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1001	Mopuri, O; Ganteda, C; Saleem, K; El-Meligy, M; Pothala, JL; Ganjikunta, A; Khan, SU; Khn, MI	Heat and mass evaluation for free convective flow due to porous surface with thermal radiation and Dufour effects	JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES	2024	10.1016/j.jrras.2024.101134	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1002	Mangesh, VL; Tamizhdurai, P; Vedavalli, R; Santhosh, S; Kumaran, R; Kumar, NS; Al-Fatesh, AS; Basivi, PK; Murali, G	Maritime decarbonization: Alternate marine fuel from hydroprocessing of waste plastics	FUEL	2024	10.1016/j.fuel.2024.131233	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1003	Rekha, VSD; Prasad, N; Madhav, BTP; Alathbah, M	Design and analysis of Minkowski fractal shaped metasurface absorber with broadband and polarization-insensitive characteristics using a tunable graphene layer for terahertz applications	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad5d2c	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1004	Nanjappa, Y; Nassa, VK; Varshney, G; Lal, B; Pandey, S; Turukmane, A	Improving migration forecasting for transitory foreign tourists using an Ensemble DNN-LSTM model	ENTERTAINMENT COMPUTING	2024	10.1016/j.entcom.2024.100665	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1005	Naghsh, N; Barnoos, S; Zisti, F; Chandrika, K; Balarak, D	Thermodynamic Study of Adsorption of Amoxicillin on Synthesized NiO of Pharmaceutical Wastewater	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	10.5530/ijpi.14.2.45	Emerging Sources Citation Index (ESCI)	WOS Proof
1006	Devana, VNKR; Beno, A; Devadoss, CP; Sukanya, Y; Sankar, CVR; Balamuralikrishna, P; Chandrasekhar, S; Babu, KV	A Compact Self Isolated MIMO UWB Antenna with Band Notched Characteristics	IETE JOURNAL OF RESEARCH	2024	10.1080/03772063.2024.2310124	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1007	Tayal, Y; Talewar, RA; Mahamuda, S; Maheshwari, K; Kumari, S; Kumar, M; Pilania, R; Prasad, A; Rao, AS	Enhanced emission in the NIR range by Nd3+ doped borosilicate glass for lasing applications	APPLIED PHYSICS B-LASERS AND OPTICS	2024	10.1007/s00340-024-08294-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1008	Khan, H; D'Souza, M; Babu, KS; Ramesh, JVN; Praneeth, KR; Rao, PL	Enhancing Tuberculosis Diagnosis and Treatment Outcomes: A Stacked Loopy Decision Tree Approach Empowered by Moth Search Algorithm Optimization	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1009	Goswami, C; Sharma, P; Bharati, R; Rajheshwari, KC; Maguluri, LP; Elangovan, M	Algorithms for high mobility environment in 5G radio access networks with millimeter wave communications	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05858-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1010	Abhang, LB; Subramanian, T; Nagabhooshanam, N; Sharma, K; Rao, PV; Devi, KM; LakshmiLavanya, A	Biosynthesize of ZnO nanoparticle from orange fruit peel biomass and its PVA-based composite packaging material: a greener material for suitable packaging	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-024-06050-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1011	Kiran, A; Sonker, A; Jadhav, S; Jadhav, MM; Ramesh, JVN; Muniyandy, E	Secure Communications with THz Reconfigurable Intelligent Surfaces and Deep Learning in 6G Systems	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11163-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1012	Srinivas, PSTN; Kumari, NA; Kumar, A; Tiwari, PK; Sravani, KG	Impact of ambient temperature on CombFET for sub-5-nm technology nodes: An RF performance perspective	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05692-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1013	Suresh, A; Dwarakanath, B; Nanda, AK; Kumar, PS; Sankar, S; Cheerla, S	An Evolutionary Computation-Based Federated Learning for Host Intrusion Detection in Real-Time Traffic Analysis	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-023-10852-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1014	Swathi, B; Polyakov, SV; Kandavalli, SR; Singh, DK; Murthy, MYB; Gopi, A	Enhancing hybrid manufacturing with AI-driven real-time adaptive process control: integrating machine learning models and robotic systems	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	2024	10.1007/s00170-024-14155-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1015	Suganya, R; Kiran, A; Akila, D; Spandana, S; Rajagopal, M; Nageswaran, A	An Integration of Digital Twin and 6G Edge Computing Approach to Secure Cyber Physical Systems	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11181-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1016	Bhemarajam, J; Varkolu, M; Prasad, PS; Prasad, M	Effect of Yb3+ ions on spectroscopic and optical properties of Bi2O3-B2O3-Li2O-PbO glass system	RESULTS IN OPTICS	2024	10.1016/j.rio.2023.100582	Emerging Sources Citation Index (ESCI)	WOS Proof
1017	Ramasekhar, G; Shaik, J; Reddy, SRR; Divya, A; Jawad, M; Yousif, BAA	Numerical investigation of Casson fluid flow performance of blood containing gold and Fe3O4 nanofluid injected into a stenotic artery	NUMERICAL HEAT TRANSFER PART A-APPLICATIONS	2024	10.1080/10407782.2024.2372465	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1018	Alijoyo, FA; Janani, S; Santosh, K; Shweihat, SN; Alshammry, N; Ramesh, JVN; El-Ebiary, YAB	Enhancing AI interpretation and decision-making: Integrating cognitive computational models with deep learning for advanced uncertain reasoning systems	ALEXANDRIA ENGINEERING JOURNAL	2024	10.1016/j.aej.2024.04.073	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1019	Sasikala, P; Dohare, S; Al Ansari, MS; Ramesh, JVN; El-Ebiary, YAB; Thenmozhi, E	A Hybrid GAN-BiGRU Model Enhanced by African Buffalo Optimization for Diabetic Retinopathy Detection	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1020	Kumar, GK; Bangare, ML; Bangare, PM; Kumar, CR; Raj, R; Arias-González, JL; Omarov, B; Mia, MS	Internet of things sensors and support vector machine integrated intelligent irrigation system for agriculture industry	DISCOVER SUSTAINABILITY	2024	10.1007/s43621-024-00179-5	Emerging Sources Citation Index (ESCI)	WOS Proof
1021	Thalluri, LN; Babburu, K; Madam, AK; Kumar, KVV; Ganesh, GV; Rajasekhar, K; Guha, K; Mohammad, MB; Kiran, SS; Sarma, AVSYN; Yaswanth, VVN	Automated face recognition system for smart attendance application using convolutional neural networks	INTERNATIONAL JOURNAL OF INTELLIGENT ROBOTICS AND APPLICATIONS	2024	10.1007/s41315-023-00310-1	Emerging Sources Citation Index (ESCI)	WOS Proof
1022	Jegan, J; Suresh, R; Subramanian, EK; Ramachandran, A; Reddy, SRR; Jakeer, S	Analysis of Numerical Computation and ANN Modelling on the Bio-Magnetic Darcy-Forchheimer Ternary Hybrid Nanofluid Flow: Entropy Generation	BIONANOSCIENCE	2024	10.1007/s12668-024-01524-8	Emerging Sources Citation Index (ESCI)	WOS Proof
1023	Atgur, V; Manavendra, G; Rao, BN; Veza, I; Fattah, IMR	Thermal and combustion characteristics of honge, jatropa, and honge-jatropa mixed biodiesels	ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY	2024	10.1002/ep.14199	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1024	Sivakumar, P; Balasubramani, M; Sowndharya, R; Priya, BSD; Priya, WD; Syamala, M	Twitter spam drift detection by semi supervised learning approach using YATSI algorithm	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02445-1	Emerging Sources Citation Index (ESCI)	WOS Proof
1025	Maguteeswaran, R; Sridhar, J; Gangadevi, R; Malathi, N; Sujatha, M; Sivakumar, V	Prediction of moment capacity of ferrocement composites with chicken mesh and steel slag using response surface methodology and artificial neural network	MATERIA-RIO DE JANEIRO	2024	10.1590/1517-7076-RMAT-2023-0364	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1026	Challa, B; Lakshmi, AA; Revathi, G; Prasad, AVSR; Shilpa, S; Kotov, EV; Duklan, N	Numerical analysis of alpha-beta brass by constitutive model for prediction of hot flow stress	COGENT ENGINEERING	2024	10.1080/23311916.2024.2362785	Emerging Sources Citation Index (ESCI)	WOS Proof

1027	Ramakrishna, K; Karuturi, P; Siakabinga, Q; Gajendra, TA; Krishnamurthy, S; Singh, S; Kumari, S; Kumar, GS; Sobhia, ME; Rai, SN	Indole-3 Carbinol and Diindolylmethane Mitigated β -Amyloid-Induced Neurotoxicity and Acetylcholinesterase Enzyme Activity: In Silico, In Vitro, and Network Pharmacology Study	DISEASES	2024	10.3390/diseases12080184	Emerging Sources Citation Index (ESCI)	WOS Proof
1028	Zainal, AG; Misba, M; Pathak, P; Patra, I; Gopi, A; El-Ebiary, YAB; Prema, S	Cross-Cultural Language Proficiency Scaling using Transformer and Attention Mechanism Hybrid Model	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1029	Chowdhury, MR; Chatterjee, C; Ghosh, D; Mukherjee, J; Shaw, S; Basak, J	Deciphering miRNA-lncRNA-mRNA interaction through experimental validation of miRNAs, lncRNAs, and miRNA targets on mRNAs in <i>Cajanus cajan</i>	PLANT BIOLOGY	2024	10.1111/plb.13639	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1030	Paidipati, KK; Kurangi, C; Uthayakumar, J; Reddy, ASK; Kadiravan, G; Shah, NH	Wireless sensor network assisted automated forest fire detection using deep learning and computer vision model	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16647-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1031	Bakro, M; Kumar, RR; Husain, M; Ashraf, Z; Ali, A; Yaqoob, SI; Ahmed, MN; Parveen, N	Building a Cloud-IDS by Hybrid Bio-Inspired Feature Selection Algorithms Along With Random Forest Model	IEEE ACCESS	2024	10.1109/ACCESS.2024.3353055	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1032	Preeti, M; Guha, K; Baishnab, KL; Iannacci, J; Donelli, M; Krishnaswamy, N	Analysis of a low frequency MEMS capacitive accelerometer under the effect of biasing voltage for detection of Parkinsons tremor	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05735-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1033	Yin, YX; Fan, XY; Fang, WJ; Wei, WQ; Cao, RQ; Li, CC; Wei, X; Tao, JF; Wang, YL; Kumar, S	Double-parameter analysis of an asymmetric herringbone temperature and refractive index sensor based on all-dielectric metasurface	OPTICS EXPRESS	2024	10.1364/OE.531722	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1034	Xiang, KY; Liu, MJ; Chen, J; Bao, YS; Wang, Z; Xiao, K; Teng, CX; Ushakov, N; Kumar, S; Li, XL; Min, R	AI-Assisted Insole Sensing System for Multifunctional Plantar-Healthcare Applications	ACS APPLIED MATERIALS & INTERFACES	2024	10.1021/acsami.4c04467	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1035	Deshmukh, AA; Kandukuri, P; Vijaykumar, J; Shalini, A; Farhad, S; Muniyandy, E; El-Ebiary, YAB	Event-based Smart Contracts for Automated Claims Processing and Payouts in Smart Insurance	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1036	Singh, L; Pareek, P; Kumar, R; Agarwal, V; Maurya, NK; Bage, A	Investigation of SPR sensor for immunoglobulin detection by using Ag-Si3N4-BP on the sensing layer	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-06665-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1037	Roy, S; Das, A; Kumar, R; Das, SR; Rafighi, M; Sharma, P	Exploring the viability of alternative cooling-lubrication strategies in machining processes: A comprehensive review on the performance and sustainability assessment	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE	2024	10.1177/09544054241229472	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1038	Kumar, NS; Buddi, T; Mwema, FM; Rajesh, KVD	Evaluation of mechanical and physical properties of coconut fibre biocomposite reinforced with soya adhesive	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING	2024	10.1177/09544089221132734	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1039	Chandra, KR; Kumar, BJ; Taj, DM; Pavani, M; Devaki, K; Shekhar, NR; Kommireddy, S; Chittipolu, AK; Yerrakula, G	Effect of Coping Strategies on Pain Intensity in Patients with Rheumatoid Arthritis	JOURNAL OF PHARMACOLOGY & PHARMACOTHERAPEUTICS	2024	10.1177/0976500X241263653	Emerging Sources Citation Index (ESCI)	WOS Proof
1040	Reddy, RNT; Kavitha, M; Reddy, GS; Yousef, A; Aboras, KM; Emara, A; Reddy, CR	Mayfly optimistic hyperelliptic curve cryptosystem	FRONTIERS IN COMPUTER SCIENCE	2024	10.3389/fcomp.2024.1381850	Emerging Sources Citation Index (ESCI)	WOS Proof
1041	Iannacci, J; Tagliapietra, G; Marinkovic, Z; Guha, K; Karumuri, SR; Chiele, ID; Donelli, M	Simple and fast modelling of radio frequency passives in view of beyond-5G and 6G applications: case study of an RF-MEMS multi-state network described by an equivalent lumped element network	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2024	10.1007/s00542-024-05712-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1042	Sadu, VB; Kumar, RS; Kumar, BS; Kavitha, T; Chapala, HK; Chakravarthi, MK	Evaluating Machine Learning Models for Multimodal Probability-Based Energy Forecasting	PROCESS INTEGRATION AND OPTIMIZATION FOR SUSTAINABILITY	2024	10.1007/s41660-024-00428-0	Emerging Sources Citation Index (ESCI)	WOS Proof
1043	Baseer, KK; Sivakumar, K; Veeraiah, D; Chhabra, G; Lakineni, PK; Pasha, MJ; Gandikota, R; Harikrishnan, G	Healthcare diagnostics with an adaptive deep learning model integrated with the Internet of medical Things (IoMT) for predicting heart disease	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.105988	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1044	Keerthana, SP; Yuvakkumar, R; Ravi, G; Arunmetha, S; Thambidurai, M; Velauthapillai, D	Magnetically separable rare earth metal incorporated CdFe2O4 photocatalyst for degradation of cationic and azo dyes	JOURNAL OF MOLECULAR STRUCTURE	2024	10.1016/j.molstruc.2024.137479	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1045	Reddy, KPK; Rao, BN; Nazeemudheen, MN; Manwatkar, SK; Murty, SVSN	Selection of Optimal Process Parameters to Obtain Defect-Free Builds in IN718 Made by Laser Powder Bed Fusion	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2024	10.1007/s11665-023-08677-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1046	Alla, VRSP; Medikondur, NR; Parigi, LS; Satyanarayana, K; Kankhva, VS; Dhaliwal, N; Saxena, AK	Optimizing task scheduling in cloud computing: a hybrid artificial intelligence approach	COGENT ENGINEERING	2024	10.1080/23311916.2024.2328355	Emerging Sources Citation Index (ESCI)	WOS Proof
1047	Tamizhdurai, P; Mangesh, VL; Santhosh, S; Vedavalli, R; Kavitha, C; Bhutto, JK; Alreshidi, MA; Yadav, KK; Kumaran, R	A state-of-the-art review of multilayer packaging recycling: Challenges, alternatives, and outlook	JOURNAL OF CLEANER PRODUCTION	2024	10.1016/j.jclepro.2024.141403	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1048	Dansana, D; Patro, SGK; Mishra, BK; Prasad, V; Razak, A; Wodajo, AW	Analyzing the impact of loan features on bank loan prediction using Random Forest algorithm	ENGINEERING REPORTS	2024	10.1002/eng2.12707	Emerging Sources Citation Index (ESCI)	WOS Proof
1049	Rajak, U; Agbulut, Ü; Dasore, A; Verma, TN	Artificial intelligence based-prediction of energy efficiency and tailpipe emissions of soybean methyl ester fuelled CI engine under variable compression ratios	ENERGY	2024	10.1016/j.energy.2024.130861	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1050	Almahadeen, L; ALMahadin, G; Santosh, K; Aarif, M; Deb, P; Syamala, M; Bala, BK	Enhancing Threat Detection in Financial Cyber Security Through Auto Encoder-MLP Hybrid Models	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1051	Syamala, M; Anusuya, R; Sonkar, SK; Goswami, C; Salunkhe, S; Elangovan, M	Big data analytics for dynamic network slicing in 5G and beyond with dynamic user preferences	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023- 05663-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1052	Rekha, VSD; Vineetha, KV; Madhav, BTP; Islam, T; Das, S; El Ghzaoui, M	A Metamaterial Inspired Multiband Conformal Bandpass Filter with Improved Quality Factor for Sub-6 GHz Wireless Communication Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S02181266245 00981	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1053	Ghantasala, GSP; Dilip, K; Vidyullatha, P; Allabun, S; Alqahtani, MS; Othman, M; Abbas, M; Soufiene, B	Enhanced ovarian cancer survival prediction using temporal analysis and graph neural networks	BMC MEDICAL INFORMATICS AND DECISION MAKING	2024	10.1186/s12911-024- 02665-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1054	Polakonda, MV; Vedala, NR; Kottapalli, R; Soloveva, O; Rozhdestvenskiy, OI; Joshi, A	A queueing approach for the analysis of finite bulk arrival production process with two-class arrivals and customer impatience	COGENT ENGINEERING	2024	10.1080/23311916.202 4.2384655	Emerging Sources Citation Index (ESCI)	WOS Proof
1055	Shafiq, M; Aggarwal, K; Jayachandran, J; Srinivasan, G; Boddu, R; Alemayehu, A	A novel Skin lesion prediction and classification technique: ViT-GradCAM	SKIN RESEARCH AND TECHNOLOGY	2024	10.1111/srt.70040	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1056	Mudigonda, A; Yalavarthi, UD; Satyanarayana, P; Alkhayyat, A; Arularasan, AN; Ganesh, SS; Kumar, CMS	IDEAL: an inventive optimized deep ensemble augmented learning framework for opinion mining and sentiment analysis	SOCIAL NETWORK ANALYSIS AND MINING	2024	10.1007/s13278-024- 01249-2	Emerging Sources Citation Index (ESCI)	WOS Proof
1057	Chemboli, R; Mandava, BT; Kodali, US; Taneja, AK; Mandava, BT; Chandana, OSS; Sultana, MS; Yarlagadda, B; Prasad, KRS; Rao, MVB; Pal, M	A sonochemical approach to 4-substituted pyrrolo[1,2- α]quinoxalines via Cu-catalyzed N-arylation followed by Wang resin/air promoted oxidative cyclization strategy	TETRAHEDRON LETTERS	2024	10.1016/j.tetlet.2024.1 54917	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
1058	Karthik, A; Hamatta, HSA; Patthi, S; Krubakaran, C; Pradhan, AK; Rachapudi, V; Shuaib, M; Rajaram, A	Ensemble-based multimodal medical imaging fusion for tumor segmentation	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.10 6550	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1059	Ravula, M; Dosarapu, V; Bandalla, S; Mavurapu, S; Varkolu, M; Rajeevan, VVA; Baithy, M; Jonnalagadda, SB; Vasam, CS	Development of Molybdenum oxide Promoted CeO ₂ -SiO ₂ Mixed-oxide Catalyst for Efficient Catalytic Oxidation of Benzylamine to N-Benzylidenebenzylamine	CHEMISTRYSELECT	2024	10.1002/slct.202304534	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1060	Kiouach, F; Aghoutane, B; Das, S; EL Ghzaoui, M; Islam, T; Madhav, BTP	A high isolation wideband palm tree-shaped printed 4 x 4 MIMO antenna for 5G mm-waves applications	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2024	10.1016/j.aeue.2024.155322	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1061	Ghodake, SP; Tidake, VM; Singh, S; Muniyandy, E; Mohit; Maguluri, LP; Dhas, JTM	Enhancing Supply Chain Transparency and Efficiency Through Innovative Blockchain Solutions for Optimal Operations Management	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1062	Swathi, S; Yuvakkumar, R; Ravi, G; Thambidurai, M; Arunmetha, S; Velauthapillai, D	Nanoplatelets assembled CuCo 2 S 4 /N doped rGO nanocomposites for hydrogen evolution reaction	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024	10.1016/j.ijhydene.2024.03.148	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1063	Markkandan, S; Aggarwal, K; Ashok, K; Selvakumarasamy, K; Kaushal, RK; Jadhav, MM	Design of precoder for a MIMO-NOMA system using Gaussian mixture modelling	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05655-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1064	Aggarwal, K; Reddy, GS; Makala, R; Srihari, T; Sharma, N; Singh, C	Studies on energy efficient techniques for agricultural monitoring by wireless sensor networks	COMPUTERS & ELECTRICAL ENGINEERING	2024	10.1016/j.compeleceng.2023.109052	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1065	Lenin, N; Raj, NJ; Kanna, RR; Karthikeyan, P; Balasubramanian, M; Karthik, A; Srither, SR	Electrical and dielectric properties of PVA-doped NiGdxFe2-xO4 nanoferrite particles	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2024	10.1016/j.mseb.2024.117610	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1066	Alzaben, N; Maashi, M; Alazwari, S; Alshammeri, M; Nouri, AM; Moorthy, S	Artificial neural network prediction of chloride diffusivity in concrete for sustainable development	MATERIA-RIO DE JANEIRO	2024	10.1590/1517-7076-RMAT-2024-0423	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1067	Kundu, D; Enzamam-UI-Haque, M; Ferdous, AHMI; Noor, KS; Islam, MS; Hossain, S; Eid, MMA; Rashed, ANZ; Ahammad, SH	Propagation Characteristics Based Three Dimensional Refractive Index Configurations in Photonic Crystal Fibers for Terahertz Range Petroleum Sensing	BRAZILIAN JOURNAL OF PHYSICS	2024	10.1007/s13538-024-01530-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1068	Rahman, A; Ali, M; Ahmed, K; Mahmud, I; Bui, FM; Chen, L; Kumar, S; Moni, MA	DeepQSP: Identification of Quorum Sensing Peptides Through Neural Network Model	RESULTS IN ENGINEERING	2024	10.1016/j.rineng.2024.102878	Emerging Sources Citation Index (ESCI)	WOS Proof
1069	Goswami, C; Vaishnavi, T; Sarma, P; Krishnammal, PM; Sagar, KVD; Kumar, SH	RETRACTION: An incentive-based approach for information sharing control between human and computer interface	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07428-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1070	Kumar, S; Iadicicco, A; Kim, S; Tosi, D; Marques, C	Introduction to the feature issue: Advances in Optical Biosensors for Biomedical Applications	BIOMEDICAL OPTICS EXPRESS	2024	10.1364/BOE.527613	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1071	Swapna, K; Lakshmi, YA; Pravallika, C; Mahamuda, S; Venkateswarulu, M; Rao, A; Kotamraju, SK; Kavya, KCS	Investigation of radiation shielding and optical properties of neodymium doped Bismuth Boro tellurite glasses for solid state device applications	JOURNAL OF LUMINESCENCE	2024	10.1016/j.jlumin.2023.120339	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1072	Satyanarayana, P; Diwakar, G; Brahmaiah, VP; Marlin, S; Kumar, NVPS; Gopalakrishnan, S	Multi-objective-derived efficient energy saving in multipath routing for mobile ad hoc networks with the modified aquila-firefly heuristic strategy	ENGINEERING OPTIMIZATION	2024	10.1080/0305215X.2024.2399656	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1073	Mondal, T; Varandas, AJC	On the rearrangement and dissociation mechanism of SiH4+in its triply-degenerate ground state	JOURNAL OF CHEMICAL PHYSICS	2024	10.1063/5.0213425	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1074	Venkatasubramanian, R; Diwakar, G; Subhashini, P; Kumar, VV; Rayudu, K; Isaac, JS; Teja, KB; Rajaram, A	Integrating AI-driven Fault Detection and Protection Technique for Electric Power Components and Systems	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1075	Vandana, CP; Basha, SA; Madijagan, M; Jadhav, S; Matheen, MA; Maguluri, LP	IoT resource discovery based on multi faected attribute enriched CoAP: smart office seating discovery	WIRELESS PERSONAL COMMUNICATIONS	2024	10.1007/s11277-024-11157-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1076	Rani, P; Mishra, AR; Deveci, M; Gokasar, I; Yemlihaliloglu, E; Brito-Parada, PR	Evaluation of micromobility risk management alternatives using interval-valued q-rung orthopair fuzzy interaction operators-based WISP method	APPLIED SOFT COMPUTING	2024	10.1016/j.asoc.2024.111496	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1077	Maguluri, LP; Suganthi, D; Dhote, GM; Kapila, D; Jadhav, MM; Neelima, S	AI-enhanced predictive maintenance in hybrid roll-to-roll manufacturing integrating multi-sensor data and self-supervised learning	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	2024	10.1007/s00170-024-14263-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1078	Devarajan, GG; Nagarajan, SM; Daniel, A; Vignesh, T; Kaluri, R	Consumer Product Recommendation System Using Adapted PSO With Federated Learning Method	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2024	10.1109/TCE.2023.3319374	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1079	Zhao, JJ; Fan, XY; Fang, WJ; Xiao, WX; Sun, FX; Li, CC; Wei, X; Tao, JF; Wang, YL; Kumar, S	High-Performance Refractive Index and Temperature Sensing Based on Toroidal Dipole in All-Dielectric Metasurface	SENSORS	2024	10.3390/s24123943	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1080	Shanlee, SSR; Ruspika, S; Chen, SM; Balaji, R; Liao, YC; Chandrasekar, N	Multi-walled carbon nanotube wrapped rare earth tungstate nanosheet composites for selective and rapid detection of sulfadiazine	CHEMICAL ENGINEERING JOURNAL	2024	10.1016/j.cej.2024.152179	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1081	Tera, SP; Chinthaginjala, RV; Natha, P; Ahmad, S; Pau, G	Deep Learning Approach for Efficient 5G LDPC Decoding in IoT	IEEE ACCESS	2024	10.1109/ACCESS.2024.3472466	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1082	Shafiq, M; Saravanan, V; Kandavalli, SR; Surendranath, S; Pandian, SS; Rao, VS	Efficient nanoscale characterization of wafer surfaces using intelligent sampling and Bayesian optimization	THERMAL SCIENCE AND ENGINEERING PROGRESS	2024	10.1016/j.tsep.2024.102676	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1083	Manohar, A; Manivasagan, P; Jang, ES; Mamede, N; Al-Kahtani, AA; Kumar, S; Kumar, A; Ubaidullah, M; Kim, KH	Tailored Zn1-xMg0.5CuxFe2O4 nanoparticles: Optimizing magnetic hyperthermia for enhanced efficacy and investigating cytotoxicity in normal and cancer cell lines	MATERIALS CHEMISTRY AND PHYSICS	2024	10.1016/j.matchemphys.2024.129050	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1084	Mohana, P; Isacfranklin, M; Yuvakkumar, R; Ravi, G; Kungumadevi, L; Arunmetha, S; Han, JH; Hong, SI	Facile Synthesis of Ni-MgO/CNT Nanocomposite for Hydrogen Evolution Reaction	NANOMATERIALS	2024	10.3390/nano14030280	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1085	Karunasree, K; Shailaja, P; Rajesh, T; Sesadri, U; Neelima, C; Nimma, D; Adak, M	Advancing Natural Language Processing with a Combined Approach: Sentiment Analysis and Transformation Using Graph Convolutional LSTM	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1086	Liu, XC; Singh, R; Zhang, BY; Caucheteur, C; Santos, N; Kumar, S; Nedoma, J; Marques, C	Advanced fiber optic sensors for quantitative nitrite detection: Comparative analysis of plasmonic tilted fiber Bragg gratings and fiber optic tips with ion-imprinted polymers	SENSORS AND ACTUATORS REPORTS	2024	10.1016/j.snr.2024.100233	Emerging Sources Citation Index (ESCI)	WOS Proof
1087	Shukla, S; Sachan, VK; Sinha, A; Pandey, SK; Rao, GM; Shah, MA; Choudhary, A; Tamrakar, B	WHOOPH: whale optimization-based optimal placement of hub node within a WBAN	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-53889-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1088	Deepak; Gulia, P; Gill, NS; Yahya, M; Gupta, P; Shukla, PK; Shukla, PK	Exploring the Potential of Blockchain Technology in an IoT-Enabled Environment: A Review	IEEE ACCESS	2024	10.1109/ACCESS.2024.3366656	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1089	Lilhore, UK; Simaiya, S; Sharma, YK; Kaswan, KS; Rao, KBVB; Rao, VVRM; Baliyan, A; Bijalwan, A; Alroobaea, R	A precise model for skin cancer diagnosis using hybrid U-Net and improved MobileNet-V3 with hyperparameters optimization	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-54212-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1090	Pande, SD; Gudipalli, A; Joshi, R; Chaudhari, S; Dhabliya, D; Ahammad, SKH; Kale, SD	A Fuzzy-Based Slip Resistive Controller for Front Wheel Drive Autonomous Electric Vehicle	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2023.2246482	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1091	Pradeepa, M; Kumaraperumal, S; Kasat, K; Maguluri, LP; Shajahan, US; Gaikwad, SM	Digital evolution: Investigating the dynamic interactions of learners with social media	ENTERTAINMENT COMPUTING	2024	10.1016/j.entcom.2024.100668	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1092	Kumar, S; Chinthaginjala, R; Anbazhagan, R; Nyangaresi, VO; Pau, G; Varma, PS	Submarine Acoustic Target Strength Modeling at High-Frequency Asymptotic Scattering	IEEE ACCESS	2024	10.1109/ACCESS.2023.3349031	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1093	Shukla, PK; Maheshwary, P; Kundu, S; Mondal, D; Kumar, A; Joshi, S; Pareek, PK	Analyzing physical activity impact based on ubiquitous nonlinear dynamics and electroencephalography data	TECHNOLOGY AND HEALTH CARE	2024	10.3233/THC-220771	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1094	Chithaluru, P; Al-Turjman, F; Dugyala, R; Stephan, T; Kumar, M; Dhatteval, JS	An enhanced consortium blockchain diversity mining technique for IoT metadata aggregation	FUTURE GENERATION COMPUTER SYSTEMS- THE INTERNATIONAL JOURNAL OF ESCIENCE	2024	10.1016/j.future.2023.10.020	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1095	Seetha, J; Ramanathan, R; Goyal, V; Tholkapiyan, M; Karthikeyan, C; Kumar, R	Correction: Mango leaf disease classification using hybrid Coyote-Grey Wolf optimization tuned neural network model	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18277-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1096	Jyothi, K; Dasore, A; Ganapati, R; Shareef, SM; Chamkha, AJ; Prasad, VR	Comparative Numerical Analysis of Heat and Mass Transfer Characteristics in Sisko Al2O3-Eg and TiO2-Eg Fluids on a Stretched Surface	FRONTIERS IN HEAT AND MASS TRANSFER	2024	10.32604/fhmt.2024.046891	Emerging Sources Citation Index (ESCI)	WOS Proof
1097	Goswami, C; Vaishnavi, T; Sarma, P; Krishnammal, PM; Sagar, KVD; Kumar, SH	An incentive-based approach for information sharing control between human and computer interface	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05860-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1098	Rathnam, VSS; Tiwari, D; Agarwal, T; Mohanty, B; Banerjee, I	Silanization Improves the Performance of Reduced Graphene Oxide as Biomaterial for Drug Delivery Applications	CHEMISTRYSELECT	2024	10.1002/slct.202403392	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1099	Errajaji, K; Jebbor, N; Das, S; Islam, T; Madhav, BTP; El-Arrouch, T	Design and analysis of a multi-band miniaturized metamaterial absorber for wireless communication applications	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05813-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1100	Purushothaman, S; Kavitha, C; Bhavani, P; Tamizhdurai, P; Mangesh, VL; Kumaran, R; Augustine, T; Kumar, NS; Basivi, PK; Al-Fatesh, AS	Selective oxidation of veratryl alcohol to veratraldehyde using more active catalyst in a continuous reactor	JOURNAL OF SAUDI CHEMICAL SOCIETY	2024	10.1016/j.jscs.2023.101804	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1101	Alijoyo, FA; Gongada, TN; Kaur, C; Mageswari, N; Sekhar, JC; Ramesh, JVN; El-Ebiary, YAB; Ulmas, Z	Advanced hybrid CNN-Bi-LSTM model augmented with GA and FFO for enhanced cyclone intensity forecasting	ALEXANDRIA ENGINEERING JOURNAL	2024	10.1016/j.aej.2024.02.062	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1102	Almuzaini, KK; Joshi, S; Ojo, S; Agrawal, M; Suman, P; Pareek, PK; Shukla, PK	Surveillance monitoring based routing optimization for wireless sensor networks	WIRELESS NETWORKS	2024	10.1007/s11276-023-03381-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1103	Iqbal, T; Park, H; Shah, SSA; Kim, J; Mameda, N; Lee, KB; Choo, KH	Preservation and reactivation strategies for quorum quenching media to combat membrane biofouling	JOURNAL OF MEMBRANE SCIENCE	2024	10.1016/j.memsci.2024.122856	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1104	Anantha, MT; Koneru, S; Pillai, PPT; Boggarapu, NR; Buddi, T; Usanova, KI; Deorari, R	Surface quality improvement of AZ31 Mg alloy by a combination of modified Taguchi method and simple multi objective optimization procedure	COGENT ENGINEERING	2024	10.1080/23311916.2024.2338476	Emerging Sources Citation Index (ESCI)	WOS Proof
1105	Kartha, RS; Agal, S; Odedra, ND; Nanda, CSK; Rao, VS; Kuthe, AM; Taloba, AI	NLP-Based Automatic Summarization using Bidirectional Encoder Representations from Transformers-Long Short Term Memory Hybrid Model: Enhancing Text Compression	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1106	Maguluri, LP; Chouhan, K; Balamurali, R; Rani, R; Hashmi, A; Kiran, A; Rajaram, A	Adversarial deep learning for improved abdominal organ segmentation in CT scans	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18578-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1107	Chithaluru, P; Al-Turjman, F; Dugyala, R; Stephan, T; Kumar, M; Dhatteval, JS	RETRACTION: An Enhanced Consortium Blockchain Diversity Mining Technique for IoT Metadata Aggregation	FUTURE GENERATION COMPUTER SYSTEMS- THE INTERNATIONAL JOURNAL OF ESCIENCE	2024	10.1016/j.future.2024.05.012	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1108	Swaminathan, D; Rajagopalan, A; Nidumolu, V; Alroobaea, R; Kotb, H; Aboras, KM; Elrashidi, A	ODTRA-Based Task Offload Optimization for Industrial Internet of Things: Improving Efficiency and Performance With Digital Twins and Metaheuristic Optimization	IEEE ACCESS	2024	10.1109/ACCESS.2024.3385636	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1109	Rani, S; Reddy, VR; Sridhar, W; Akgül, A; Alsharari, AM; Asad, J	MHD Stagnation Point Radiative Flow of Hybrid Casson Nanofluid across a Stretching Surface	CONTEMPORARY MATHEMATICS	2024	10.37256/cm.5220242770	Emerging Sources Citation Index (ESCI)	WOS Proof
1110	Ghazaoui, Y; EL Ghzaoui, M; Das, S; Madhav, BTP; Islam, T; seddik, B	A Quad-Port Design of a Bow-Tie Shaped Slot Loaded Wideband (24.2-30.8GHz) MIMO Antenna Array for 26/28GHz mm-Wave 5G NR n257/n258/n260 Band Applications	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	2024	10.1142/S0218126624500555	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1111	Falodun, BO; Ramakrishna, O; Ismail, AS; Oladipupo, TM; Idiat, OT; Oyeyemi, Al; Reddy, GVR	Soret-Dufour mechanisms and thermal radiation effects on magnetized SWCNT/MWCNT nanofluid in a convective transport and solutal stratification analysis	AIN SHAMS ENGINEERING JOURNAL	2024	10.1016/j.asej.2024.102853	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1112	Dhanaraju, G; Pittala, RK; Ben, BS; Ben, BA; Atgur, V; Banapurmath, NR; Badruddin, IA; Kamangar, S	Amine functionalized maleimide grafted MWCNT-CFRP hybrid composites interfacial/matrix healing and mechanical performance through thermally reversible cycloaddition	POLYMER COMPOSITES	2024	10.1002/pc.28991	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1113	Kalita, K; Ganesh, N; Shankar, R; Chakraborty, S	A Fuzzy MARCOS-Based Analysis of Dragonfly Algorithm Variants in Industrial Optimization Problems	INFORMATICA	2024	10.15388/23-INFOR538	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1114	Omara, ZM; Ahmed, MMZ; Alawee, WH; Shanmugan, S; Elashmawy, M	A comprehensive review of nano-enhanced phase change materials on solar stills with scientometric analysis	RESULTS IN ENGINEERING	2024	10.1016/j.rineng.2024.102088	Emerging Sources Citation Index (ESCI)	WOS Proof
1115	Rajana, SSK; Panda, SK; Jade, S; Vivek, CG; Upadhayaya, AK; Bhardwaj, A; Jorphail, S; Seemala, GK	Impact of two severe geomagnetic storms on the ionosphere over Indian longitude sector during March-April 2023	ASTROPHYSICS AND SPACE SCIENCE	2024	10.1007/s10509-024-04268-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1116	Paranthaman, RN; Sonker, A; Varalakshmi, S; Madijagan, M; Sagar, KVD; Malathi, M	Reinforcement learning-based model for the prevention of beam-forming vector attacks on massive MIMO system	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05660-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1117	Gaddala, B; Kandavalli, SR; Raghavendran, G; Sivaprakash, A; Rallabandi, R; Sundramurthy, VP; Selvaraju, M; Sugumar, M	Exploring the impact of hybridization on green composites: pineapple leaf and sisal fiber reinforcement using poly(furfuryl alcohol) bioresin	ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS	2024	10.1515/zpch-2024-0772	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1118	Soares, MS; Singh, R; Kumar, S; Jha, R; Nedoma, J; Martinek, R; Marques, C	The role of smart optical biosensors and devices on predictive analytics for the future of aquaculture systems	OPTICS AND LASER TECHNOLOGY	2024	10.1016/j.optlastec.2024.111049	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1119	Khandan, KL; Kumar, N; Krishnasami, U; Kirubakaran, K; Vinoth, K; Kaliappan, S; Maguluri, LP; Rajaram, A	Enhanced Predictive Model for Grid Stability Using Hybrid GBM-LSTM Approach	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1120	Raghunath, K; Ramana, RM; Ganteda, C; Chaurasiya, PK; Tiwari, D; Kumar, R; Buddhi, D; Saxena, KK	Processing to pass unsteady MHD flow of a second-grade fluid through a porous medium in the presence of radiation absorption exhibits Diffusion thermo, hall and ion slip effects	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	2024	10.1080/2374068X.2023.2191450	Emerging Sources Citation Index (ESCI)	WOS Proof
1121	Sharma, V; Sinha, A; Alkhayyat, A; Agarwal, A; Nikitha, P; Ramkumar, S; Rathee, T; Bhargavi, M; Kumar, N	FL-XGBTC: federated learning inspired with XG-boost tuned classifier for YouTube spam content detection	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT	2024	10.1007/s13198-024-02502-9	Emerging Sources Citation Index (ESCI)	WOS Proof
1122	Kumar, YA; Sana, SS; Ramachandran, T; Assiri, MA; Rao, SS; Kim, SC	From lab to field: Prussian blue frameworks as sustainable cathode materials	DALTON TRANSACTIONS	2024	10.1039/d4dt00905c	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1123	Prakash, KP; Kumar, YVP; Ravindranath, K; Reddy, GP; Amir, M; Khan, B	Artificial neural network-based data imputation for handling anomalous energy consumption readings in smart homes	ENERGY EXPLORATION & EXPLOITATION	2024	10.1177/01445987231221877	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1124	Dhanaraju, G; Pittala, RK; Ben, BS; Atgur, V; Banapurmath, NR; Umarfarooq, MA; Khan, T; Singh, B	Enhanced mechanical performance and damping behavior of CFRP composites through exfoliated MWCNT functionalization	NANOCOMPOSITES	2024	10.1080/20550324.2024.2335698	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1125	Reddy, MV; Vajravelu, K; Ajithkumar, M; Sucharitha, G; Lakshminarayana, P	Numerical treatment of entropy generation in convective MHD Williamson nanofluid flow with Cattaneo-Christov heat flux and suction/injection	INTERNATIONAL JOURNAL OF MODELLING AND SIMULATION	2024	10.1080/02286203.2024.2405714	Emerging Sources Citation Index (ESCI)	WOS Proof
1126	Moorthy, RS; Selvaraj, AK; Prathiba, SB; Yenduri, G; Mohanty, SN; Ramesh, JVN	Handling the Class Imbalance Problem With an Improved Sine Cosine Algorithm for Optimal Instance Selection	IEEE ACCESS	2024	10.1109/ACCESS.2024.3417822	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1127	Sirisha, U; Srinivasu, PN; Padmavathi, P; Kim, S; Pavate, A; Shafi, J; Ijaz, MF	Dynamic Multi-Layer Perceptron for Fetal Health Classification Using Cardiotocography Data	CMC-COMPUTERS MATERIALS & CONTINUA	2024	10.32604/cmc.2024.053132	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1128	Kumar, SS; Sahoo, OP; Mundada, G; Aala, S; Sudarsa, D; Pandey, OJ; Chinnadurai, S; Matoba, O; Muniraj, I; Deshpande, A	Deep learning-based hyperspectral microscopic imaging for cholangiocarcinoma detection and classification	OPTICS CONTINUUM	2024	10.1364/OPTCON.527576	Emerging Sources Citation Index (ESCI)	WOS Proof
1129	Gowda, VD; Suneel, S; Rahman, M; Das, GC; Kumar, RS; Prasad, KDV	Securing digital authentication with cryptographic innovations in intrinsic verification systems	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2024	10.47974/JDMSC-1885	Emerging Sources Citation Index (ESCI)	WOS Proof

1130	Saravanan, V; Indhumathi, G; Palaniappan, R; Narayanasamy, P; Kumar, MH; Sreekanth, K; Navaneethan, S	A novel approach to node coverage enhancement in wireless sensor networks using walrus optimization algorithm	RESULTS IN ENGINEERING	2024	10.1016/j.rineng.2024.103143	Emerging Sources Citation Index (ESCI)	WOS Proof
1131	Almahadin, G; Shabaz, M; Khan, IR; Vimal, V; Keshta, I; Maguluri, LP	Content-aware recommendation system for integrated temporal semantic review text over web of things	SERVICE ORIENTED COMPUTING AND APPLICATIONS	2024	10.1007/s11761-024-00408-9	Emerging Sources Citation Index (ESCI)	WOS Proof
1132	Pradeep, J; Ratna, SR; Dhal, PK; Sagar, KVD; Ranjit, PS; Rastogi, R; Vigneshwaran, K; Rajaram, A	DeepFore: A Deep Reinforcement Learning Approach for Power Forecasting in Renewable Energy Systems	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2024.2332391	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1133	Kumar, BA; Jyothi, B; Singh, AR; Bajaj, M; Rathore, RS; Berhanu, M	A novel strategy towards efficient and reliable electric vehicle charging for the realisation of a true sustainable transportation landscape	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-53214-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1134	Kaladevi, AC; Kumar, VV; Velmurugan, AK; Gunasekaran, K; Swapna, B; Kumar, VD	Realization and Prediction of IoT-based Dynamic Social Interactions for the Future Recommendations	AD HOC & SENSOR WIRELESS NETWORKS	2024	10.32908/ahsw.v58.10871	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1135	Thakre, NK; Nimma, D; Turukmane, A; Singh, AK; Rohatgi, D; Bangaru, B	Dynamic Path Planning for Autonomous Robots in Forest Fire Scenarios Using Hybrid Deep Reinforcement Learning and Particle Swarm Optimization	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1136	Pragalathan, S; Ruspika, S; Chen, SM; Dhanasekaran, A; Velmurugan, V; Balaji, R; Mohan, J; Chandrasekar, N	Fabricating NiCoFe2O4 decorated PANI nanostructures for high-performance electrochemical detection of 3-Nitro-L-tyrosine biomarkers for rapid diagnosis	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2024	10.1016/j.jece.2024.112455	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1137	Ghanimi, HMA; Suguna, R; Jeyaraj, JPG; Sreekanth, K; Rangasamy, R; Sengan, S	SMART FERTILIZING USING IOT MULTI-SENSOR AND VARIABLE RATE SPRAYER INTEGRATED UAV	SCALABLE COMPUTING-PRACTICE AND EXPERIENCE	2024	10.12694/scpe.v25i5.3132	Emerging Sources Citation Index (ESCI)	WOS Proof
1138	Kakarla, R; Karuturi, P; Siakabinga, Q; Viswanath, MK; Dumala, N; Guntupalli, C; Nalluri, BN; Venkateswarlu, K; Prasanna, VS; Gutti, G; Yadagiri, G; Gujjari, L	Current understanding and future directions of cruciferous vegetables and their phytochemicals to combat neurological diseases	PHYTOTHERAPY RESEARCH	2024	10.1002/ptr.8122	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1139	Pang, JL; Fang, WJ; Fan, XY; Chen, QT; Guo, HY; Wang, TT; Wei, X; Bai, CL; Kumar, S	Polarization-independent tetramer metastructure with multi-Fano resonances governed by quasi-bound states in the continuum	OPTICS EXPRESS	2024	10.1364/OE.531040	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1140	Albert, HM; Mendam, K; Bansod, PG; Rao, MSS; Asatkar, A; Chakravarthi, MK; Mallesh, MP	Biosynthesis, Spectroscopic, and Antibacterial Investigations of Silver Nanoparticles (May, 10.1007/s10895-024-03756-z, 2024)	JOURNAL OF FLUORESCENCE	2024	10.1007/s10895-024-03756-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1141	Pande, SD; Ahammad, SKH; Gurav, MN; Faragallah, OS; Eid, MMA; Rashed, ANZ	Depression detection based on social networking sites using data mining	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16564-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1142	Galindo, MV; Valencia, ABM; Bindiya, MK; Nethravathi, B; Maurya, S; Gadde, SS; Khandare, A; Veerendra, D	Advanced Direction-of-Arrival Estimation in Coprime Arrays via Adaptive Nystrm Spectral Analysis	IEEE SENSORS LETTERS	2024	10.1109/LSSENS.2024.3349651	Emerging Sources Citation Index (ESCI)	WOS Proof
1143	Kumari, NBVL; Jagadeesh, A; Mirzana, IM; Subbiah, R; Dixit, S; Joshi, A; Al-Farouni, M; Medikundu, NR	Thermal analysis of convective-radiative porous fin heat sinks made from functionally graded materials using the Galerkin method	COGENT ENGINEERING	2024	10.1080/23311916.2024.2393238	Emerging Sources Citation Index (ESCI)	WOS Proof
1144	Perumal, D; Alagarsamy, A; Mahilmaran, S; Cardarilli, GC; Ko, SB	Probability-based mapping approach for an application-aware networks-on-chip architectures	NANO COMMUNICATION NETWORKS	2024	10.1016/j.nancom.2024.100526	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1145	Zhou, TY; Anuradha, T; Mahendra, SJ; Webber, JL; Mehbodniya, A; Wang, JS; Subrahmanyam, K	Efficient and economical smart healthcare application based on quantum optical neural network	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05853-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1146	Mukesh, R; Dass, SC; Gurmu, NL; Vijay, M; Kiruthiga, S; Mythili, S; Ratnam, DV; Dutt, VBSSI	Forecasting Ionospheric TEC Changes Associated with the December 2019 and June 2020 Solar Eclipses: A Comparative Analysis of OKSM, FFNN, and DeepAR Models	ADVANCES IN ASTRONOMY	2024	10.1155/2024/8255782	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1147	Bharathkumar, S; Mohan, S; Alsaeedi, H; Oh, TH; Vignesh, S; Sundaramoorthy, A; Valdes, H	Z-scheme driven charge transfer in g-C3N4/ α -Fe2O3 nanocomposites enabling photocatalytic degradation of crystal violet and chromium reduction	SURFACES AND INTERFACES	2024	10.1016/j.surfin.2024.105299	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1148	Byeon, H; Chunduri, V; Narang, G; Alghayadh, FY; Soni, M; Ramesh, JVN	Deep learning model for recommendation system using web of things based knowledge graph mining	SERVICE ORIENTED COMPUTING AND APPLICATIONS	2024	10.1007/s11761-024-00409-8	Emerging Sources Citation Index (ESCI)	WOS Proof
1149	Rani, HJ; Gupta, R; Dadhich, A; Gupta, S; Swetha, G; Kolluru, DV; Subrahmanyam, K	RETRACTION: Resource allocation with fuzzy logic based network optimization and security analysis in optical communication network	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07432-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1150	Yelamasetti, B; Sridevi, M; Sree, NS; Geetha, NK; Bridjesh, P; Shelare, SD; Prakash, C	Comparative Studies on Mechanical Properties and Microstructural Changes of AA5052 and AA6082 Dissimilar Weldments Developed by TIG, MIG, and FSW Techniques	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2024	10.1007/s11665-024-09867-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1151	Kumar, M; Pandey, PS; Ravi, B; Kumar, B; Prasad, SVS; Singh, R; Choudhary, SK; Singh, GK	Impact of Sn-doping on the optoelectronic properties of zinc oxide crystal: DFT approach	PLOS ONE	2024	10.1371/journal.pone.0296084	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1152	Babu, DV; Umasankar, A; Somasundaram, K; Velu, CM; Nisha, ASA; Karthikeyan, C	Image quality estimation based on visual perception using adversarial networks in autonomous vehicles	INTERNATIONAL JOURNAL OF ENGINEERING SYSTEMS MODELLING AND SIMULATION	2024	10.1504/IJESMS.2024.135117	Emerging Sources Citation Index (ESCI)	WOS Proof

1153	Dohare, S; Deebea, K; Pamulaparthi, L; Abdulfattokhov, S; Ramesh, JVN; El-Ebiary, YAB; Thenmozhi, E	Enhancing Diabetes Management: A Hybrid Adaptive Machine Learning Approach for Intelligent Patient Monitoring in e-Health Systems	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1154	Murugan, A; Fatehmulla, A; Priya, S; Han, SS; Babu, S; Rohit, C; Bharathkumar, S	Optimizing the photocatalytic properties Er-doped bismuth ferrite for the degradation of mixed dyes under sunlight irradiation	SURFACES AND INTERFACES	2024	10.1016/j.surfin.2024.105239	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1155	Elashmawy, M; Ahmed, MMZ; Alawee, WH; Shanmugan, S; Omara, ZM	Scientometric analysis and review of materials affecting solar still performance	RESULTS IN ENGINEERING	2024	10.1016/j.rineng.2024.102574	Emerging Sources Citation Index (ESCI)	WOS Proof
1156	Patnaik, RK; Dwivedi, YD; Srivastava, BK; Arulmozhi, A; Prasad, DVSSSV; Dillibabu, SP; Gupta, ASALGG; Rajaram, A	METAL-SUPPORTED SOLID OXIDE FUEL CELLS: SYNTHESIS AND ELECTROCHEMICAL PROPERTIES ANALYSIS USING OPTIMIZATION METHOD	SURFACE REVIEW AND LETTERS	2024	10.1142/S0218625X25500325	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1157	Orosoo, M; Rajkumari, Y; Ramesh, K; Fatma, G; Nagabhaskar, M; Gopi, A; Rengarajan, M	Enhancing English Learning Environments Through Real-Time Emotion Detection and Sentiment Analysis	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1158	Mekala, JR; Nalluri, HP; Reddy, PN; Sainath, SB; Kumar, NSS; Kiran, GVSIDS; Dhiman, R; Chamarthy, S; Rao, KR; Manyam, RR; Dirisala, VR	Emerging trends and therapeutic applications of monoclonal antibodies	GENE	2024	10.1016/j.gene.2024.148607	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1159	Punyavathi, R; Pandian, A; Singh, AR; Bajaj, M; Tuka, MB; Blazek, V	Sustainable power management in light electric vehicles with hybrid energy storage and machine learning control	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-55988-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1160	Rao, DEP; Tej, MB; Raju, MD; Reddy, NRK; Tej, MB; Rajendiran, C; Vasireddy, PCR; Kapavarapu, R; Pal, P; Rao, MVB; Pal, M	In Silico Evaluation of 1-Aminoisoquinoline Derivatives against Dengue Virus: Greener Access via a Sonochemical Method	CHEMISTRYSELECT	2024	10.1002/slct.202304384	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1161	Kumar, CV; Chaturvedi, A; Tony, AA; Srinivas, PVVS; Ranjit, PS; Rastogi, R; Arun, MR; Rajaram, A	AI-IOT-Based Adaptive Control Techniques for Electric Vehicles	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2024.2304685	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1162	Li, R; Bu, CW; Zhang, HP; Wang, F; Vesala, GT; Ghali, VS; Vavilov, VP	Dynamic infrared scanning thermography based on CNN: a novel large-scale honeycomb defect detection and classification technique	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2024	10.1007/s10973-024-13365-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1163	Tamilselvan, SN; Shanmugan, S; Basem, A; Faqeha, H; Alsaati, AA; Rajkumar, V; Elsheikh, AH	Revolutionizing dye-sensitized solar cells: Chassalia curviflora fruit extract as photosensitizer and charge recombination inhibitor	INORGANIC CHEMISTRY COMMUNICATIONS	2024	10.1016/j.inoche.2024.113292	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1164	Adapa, S; Mandava, BT; Kodali, US; Taneja, AK; Mandava, BT; Sultana, MS; Kapavarapu, R; Rao, DEP; Rao, MVB; Panigrahi, N; Pal, M	FeCl3 induced sonochemical heteroarylation: Synthesis of meridianin alkaloid analogues for their in silico/in vitro evaluation against SIRT1	JOURNAL OF MOLECULAR STRUCTURE	2024	10.1016/j.molstruc.2024.139337	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1165	Alzein, R; Kumar, MV; Raut, AN; Alyaseen, A; Sihag, P; Lee, DH; Kumar, R; Singh, T	Polypropylene waste plastic fiber morphology as an influencing factor on the performance and durability of concrete: Experimental investigation, soft-computing modeling, and economic analysis	CONSTRUCTION AND BUILDING MATERIALS	2024	10.1016/j.conbuildmat.2024.137244	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1166	Orosoo, M; Sekhar, JC; Rengarajan, M; Tsendsuren, N; Gopi, A; El-Ebiary, YAB; Prema, S; Taloba, AI	Analysing Code-Mixed Text in Programming Instruction Through Machine Learning for Feature Extraction	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1167	Simaiya, S; Dahiya, M; Tomar, S; Faujdar, N; Sharma, YK; Nuristani, N	A transfer learning-based hybrid model with LightGBM for smart grid short-term energy load prediction	ENERGY EXPLORATION & EXPLOITATION	2024	10.1177/01445987241256472	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1168	Ganesan, JJ; Chien, CSC; Kumar, PS; Sundaram, H; Thangappan, H; Achuthan, A; Rajamanickam, S; Rangasamy, G	Effective removal of chromium by adsorption using Delonix regia bark derived activated carbon from aqueous solution: a sustainable approach	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	2024	10.1007/s10653-024-02093-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1169	Kumar, TR; Enireddy, V; Selvi, KK; Shahid, M; Babu, DV; Sudha,	Fractional chef based optimization algorithm trained deep learning for cardiovascular risk prediction using retinal fundus images	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.106269	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1170	Mangesh, VL; Perumal, T; Santhosh, S; Kumar, NS; Vijayaraj, A; Kumar, GSVS; Sugumaran, S; Murali, G; Basivi, PK; Al-Fatesh, AS	Sustainable biofuel synthesis from non-edible oils: a mesoporous ZSM-5/Ni/Pt catalyst approach	RSC ADVANCES	2024	10.1039/d4ra00346b	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1171	Mangesh, VL; Govindarajan, M; Chekuri, RBR; Perumal, T; Rajendran, K; Chandrasekaran, K; Kumar, NS; Basivi, PK; Alreshaidan, SB; Al-Fatesh, AS	Ni-Fe bimetallic catalysts with high dispersion supported by SBA-15 evaluated for the selective oxidation of benzyl alcohol to benzaldehyde	RSC ADVANCES	2024	10.1039/d3ra07086g	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1172	Shafiq, M; Bhavani, NPG; Ramesh, JVN; Veerasha, RK; Talasila, V; Alfurhood, BS	Thermal modeling and Machine learning for optimizing heat transfer in smart city infrastructure balancing energy efficiency and Climate Impact	THERMAL SCIENCE AND ENGINEERING PROGRESS	2024	10.1016/j.tsep.2024.102868	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1173	Satyanarayana, PVV; Kumar, MD; Prasad, AG; Reddy, SVR; Reddy, CR; Varma, PS; Kumar, MK; Goud, BS	Passive Islanding Detection Method based on Resultant Sequence Impedance Component and Load Shedding in Islanded Area	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1174	Mubarakali, A; Samsudeen, S; Alkhayyat, A; Alfurhood, BS; Haritha, D; Rani, DR; Karthick, M	Optimized flexible network architecture creation against 5G communication-based IoT using information-centric wireless computing	WIRELESS NETWORKS	2024	10.1007/s11276-023-03531-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1175	Jyothi, B; Varma, PS; Ravikumar, CV; Dhanamjayulu, C; Kim, TH; Rao, KPP; Rajesh, A; Ahmad, S	Evaluation of a multiphase cascaded H-bridge inverter for induction motor operation	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-68713-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1176	Rashed, ANZ; Yarrarapu, M; Prabu, RT; Antony, GSR; Edeswaran, L; Kumar, ES; Aswitha, K; Snehith, N; Ahammad, SH	Connected smart elevator systems for smart power and time saving	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-69173-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1177	Mishra, AR; Rani, P; Pamucar, D; Simic, V	Evaluation and Prioritization of Sustainable Enterprise Resource Planning in SMEs Using q-Rung Orthopair Fuzzy Rough Set-Based Decision Support Model	IEEE TRANSACTIONS ON FUZZY SYSTEMS	2024	10.1109/TFUZZ.2024.3374799	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1178	Chemболи, R; Kodali, US; Taneja, AK; Bandaru, V; Mandava, BT; Suryadevara, V; Mandava, BT; Prasad, KRS; Kapavarapu, R; Rao, MVB; Pal, M	Sonochemical replacement of C-3 hydrogen of indole by a pyridine ring: Docking, synthesis and in vitro evaluation of 3-(6-aryl pyridin-2-yl)indoles against SIRT1	JOURNAL OF MOLECULAR STRUCTURE	2024	10.1016/j.molstruc.2023.137025	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1179	Zhou, TY; Anuradha, T; Mahendra, SJ; Webber, JL; Mehbodniya, A; Wang, JS; Subrahmanyam, K	RETRACTION: Efficient and economical smart healthcare application based on quantum optical neural network	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-024-07435-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1180	Ramasekhar, G; Divya, A; Jakeer, S; Reddy, SRR; Algehyne, EA; Jawad, M; Akguel, A; Hassani, MK	Heat transfer innovation of engine oil conveying SWCNTs-MWCNTs-TiO2 nanoparticles embedded in a porous stretching cylinder	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-65740-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1181	Dosarapu, V; Siddaramagoud, B; Ramesh, K; Mavurapu, S; Baithy, M; Varkolu, M; Ravinder, V; Vasam, C	Catalytic enhancement of biomass-derived furfural via Knoevenagel condensation using Ru/Al2O3-ZrO2 catalyst for sustainable synthesis of value-added chemicals	APPLIED CATALYSIS O: OPEN	2024	10.1016/j.apcato.2024.206916	Science Citation Index Expanded (SCI-EXPANDED); Index Chemicus (IC); Current Chemical Reactions (CCR-EXPANDED)	WOS Proof
1182	Pydi, B; Prabu, AV; Mukherjee, A; Jain, DK; Chand, SR; Prashanth, NA	An improved low-carbon intelligent agriculture system with energy optimization principles using wireless IoT environment	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	2024	10.1002/ett.4948	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1183	Reddy, YVM; Roy, N; Goud, JP; Madhavi, G; Albaqami, MD; Sravani, B; Reddy, GR; Joo, SW	Unlocking efficient methanol electro-oxidation in alkaline medium with non-stoichiometric 3D sphere-like Cu ₃ Mo ₂ O ₉ @CoMoO ₄ heterostructure	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	2024	10.1016/j.mssp.2024.108213	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1184	Sekhar, JC; Roy, TLD; Sridharan, K; Natrayan, L; Saravanan, KA; Taloba, AI	Explainable Artificial Intelligence Method for Identifying Cardiovascular Disease with a Combination CNN-XG-Boost Framework	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1185	Dasore, A; Naik, BK; Konijeti, R; Prakash, BO; Kumar, R; Saxena, KK; Prakash, C; Gupta, N	Design and investigating the inlet parameters on the performance of the Ranque-Hilsch vortex tube	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-023-01374-w	Emerging Sources Citation Index (ESCI)	WOS Proof
1186	Khan, G; Mishra, PK; Agarwal, AK; Alroobaee, R; Asenso, E; Kolla, BP; Sengan, S	Energy-Efficient Routing Algorithm for Optimizing Network Performance in Underwater Data Transmission Using Gray Wolf Optimization Algorithm	JOURNAL OF SENSORS	2024	10.1155/2024/2288527	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1187	Preethi, T; Anjum, A; Ahmad, AA; Kaur, C; Rao, VS; El-Ebiary, YAB; Taloba, AI	Advancing Healthcare Anomaly Detection: Integrating GANs with Attention Mechanisms	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1188	Rao, CSVP; Pandian, A; Reddy, CR; Bajaj, M; Massoud, J; Shouran, M	Unified power quality conditioner-based solar EV charging station using the GBDT-JS technique	FRONTIERS IN ENERGY RESEARCH	2024	10.3389/fenrg.2024.1343635	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1189	Banu, SA; Al-Alawi, AI; Padmaa, M; Priya, PS; Thanikaiselvan, V; Amirtharajan, R	Healthcare with datacare-a triangular DNA security	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16303-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1190	Alrasheedi, AF; Mishra, AR; Alshamrani, AM; Rani, P; Pamucar, D	Decision-Analytics-Based Risk Allocation in the Micromobility Sector: Sugeno-Weber Operators and Picture Fuzzy Distance Methodology	COGNITIVE COMPUTATION	2024	10.1007/s12559-024-10333-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1191	Houssien, FMAM; Arjunan, M; Narayanasamy, P; Kumar, CR; Sivapriya, J; Prabu, RT; Ahammad, SH; Hossain, MA; Rashed, ANZ	Optical fiber systems performance signature based on dispersion compensated methods in dense wavelength division multiplexing systems	JOURNAL OF OPTICS-INDIA	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1192	Sekhar, PR; Sreedhar, S; Kumar, PV; Ibrahim, SM; Ganteda, C; Hussain, SM; Jamshed, W; Amjad, A; Markowska, K	Investigating radiative heat transfer, varied wall thickness, and slip effects on Casson nanofluid flow over a stretched sheet with heat source	INTERNATIONAL JOURNAL OF MODELLING AND SIMULATION	2024	10.1080/02286203.2024.2345256	Emerging Sources Citation Index (ESCI)	WOS Proof
1193	Yelamasetti, B; Karuna, BNR; Vardhan, TV; Dasore, A; Saxena, KK; Faroque, FA; Revathi, V; Abduvalieva, D	Mechanical and micro-structural studies of pulsed and constant current TIG weldments of super duplex stainless steels and Austenitic stainless steels	HIGH TEMPERATURE MATERIALS AND PROCESSES	2024	10.1515/htmp-2024-0003	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1194	Rao, GM; Ramesh, D; Sharma, V; Sinha, A; Hassan, MM; Gandomi, AH	AttGRU-HMSI: enhancing heart disease diagnosis using hybrid deep learning approach	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-56931-4	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1195	El-Arrouch, T; Das, S; Islam, T; Sorathiya, V; Madhav, BTP; El Ansari, A; El Idrissi, NE	Slots and stubs incorporated annular ring-shaped compact microstrip antenna with circular polarization characteristics for wireless UWB communication systems	PHYSICA SCRIPTA	2024	10.1088/1402-4896/ad451d	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1196	Pande, SD; Ahammad, SH; Madhav, BTP; Ramya, KR; Smirani, LK; Hossain, MA; Rashed, ANZ	Assessment of brain tumor detection techniques and recommendation of neural network	BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK	2024	10.1515/bmt-2022-0336	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1197	Shaji, A; Kamalesh, R; Dinakarkumar, Y; Saravanan, A; Arokiyaraj, S; Mani, HP; Veera, HM; Muthu, DB; Ramakrishnan, G; Romauld, SI	Microbial degradation of marine plastic debris: A comprehensive review on the environmental effects, disposal, and biodegradation	BIOCHEMICAL ENGINEERING JOURNAL	2024	10.1016/j.bej.2023.109133	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1198	Naik, GM; Sharma, P; Ramesh, S; Tak, M; Samal, P; Raj, AN; Anne, G	Effect of die parameters and coefficient of friction on equivalent plastic strain during ECAE: modeling and optimization	COGENT ENGINEERING	2024	10.1080/23311916.2024.2399735	Emerging Sources Citation Index (ESCI)	WOS Proof
1199	Kumar, KS; Goud, JP; Ghanem, MA; Raju, BDP; Gutturu, RR; Joo, SW	Constructing graphene oxide-wrapped wolframite-type 3D cube-like CuWO4 composite as a promising redox-active electrode for battery-type supercapacitors	CERAMICS INTERNATIONAL	2024	10.1016/j.ceramint.2024.06.246	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1200	Sahu, A; El-Ebiary, YAB; Saravanan, KA; Thilagam, K; Devi, GR; Gopi, A; Taloba, AI	Federated LSTM Model for Enhanced Anomaly Detection in Cyber Security: A Novel Approach for Distributed Threat	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1201	Prakash, N; Vignesh, J; Ashwin, M; Ramadass, S; Veeranjanyulu, N; Athawale, SV; Ravuri, A; Subramanian, B	Enabling secure and efficient industry 4.0 transformation through trust-authorized anomaly detection in cloud environments with a hybrid AI approach	OPTICAL AND QUANTUM ELECTRONICS	2024	10.1007/s11082-023-05781-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1202	Thipparthi, KR; Khalaf, MI; Yogi, KS; Alghayadh, FY; Yusupov, A; Maguluri, LP; Ofori-Amanfo, P	Optimizing delivery routes for sustainable food delivery for multiple food items per order	DISCOVER SUSTAINABILITY	2024	10.1007/s43621-024-00326-y	Emerging Sources Citation Index (ESCI)	WOS Proof
1203	Maguluri, LP; Umasankar, A; Babu, DV; Nisha, ASA; Prabhu, MR; Tilwani, SA	Coordinating electric vehicle charging with multiagent deep Q-networks for smart grid load balancing	SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS	2024	10.1016/j.suscom.2024.100993	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1204	Mohanasundaram, S; Kumar, GCSS; Nagabhooshanam, N; Sharma, K; Rao, PKV; Pravallika, VS; Shankar, MS	Electromagnetic interference shielding and mechanical and hydrophobic properties of papaya peel biocarbon and banana fiber-reinforced epoxy composite: synthesize and characterization	BIOMASS CONVERSION AND BIOREFINERY	2024	10.1007/s13399-024-05948-w	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1205	Gundavarapu, MR; Venkata, RK; Latha, SB; Kumar, NVP; Deepa, RNA; Kotov, EV; Nautiyal, RD; Alzubaidi, LH	Interactive precision medicine revolution: unleashing a deep learning framework for drug response and recommendation	COGENT ENGINEERING	2024	10.1080/23311916.2024.2389317	Emerging Sources Citation Index (ESCI)	WOS Proof
1206	Yelamasetti, B; Devi, BTL; Saxena, KK; Sonia, P; Vardhan, TV; Sree, NS; Khubnani, R; Abdo, HS; Alnaser, I	Mechanical characterization and microstructural evolution of Inconel 718 and SS316L TIG weldments at high temperatures	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	2024	10.1016/j.jmrt.2024.07.157	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1207	Sharma, AK; Aravindan, N; Ignatia, KMJ; Areche, FO; Loganathan, GB; Taha, AH; Dwivedi, P; Yellapragada, RK	Hybrid multi criteria decision making methodology for improving sustainability of the manufacturing sector	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	2024	10.1007/s12008-024-01846-7	Emerging Sources Citation Index (ESCI)	WOS Proof
1208	Prabu, RT; Sundar, S; Thangaraj, J; Murugesan, V; Chidambaram, V; Balasubramanian, P; Rashed, ANZ; Ahammad, SH	Efficient Mach-Zehnder modulators with high-pumped laser-based multimode doped fibers in high-modulated optical coded systems	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-024-01716-1	Emerging Sources Citation Index (ESCI)	WOS Proof
1209	Xu, XH; Patibandla, RSML; Arora, A; Al-Razgan, M; Awwad, EM; Nyangaresi, VO	An Adaptive Hybrid (1D-2D) Convolution-Based ShuffleNetV2 Mechanism for Irrigation Levels Prediction in Agricultural Fields With Smart IoTs	IEEE ACCESS	2024	10.1109/ACCESS.2024.3384473	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1210	Ahilandeswari, E; Sakthipandi, K; Kanna, RR; Rajkumar, G; Babu, BG; Arunmetha, S; Hossain, A; Sakthivel, P; Rajendran, V; Raghavan, MS	Exploring the electromagnetic shielding behavior of lanthanum doped	JOURNAL OF RARE EARTHS	2024	10.1016/j.jre.2023.11.002	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1211	Sreelatha, E; Pandian, A; Reddy, CR; Kumar, MK; Kotb, H; AboRas, KM; Alkuhayli, A; Ghadi, YY; Harrison, A	An efficient high-gain bidirectional interleaved boost converter for PV integration to DC microgrid	PLOS ONE	2024	10.1371/journal.pone.0301522	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1212	Lilhore, UK; Dalal, S; Varshney, N; Sharma, YK; Rao, KBVB; Rao, VVRM; Alroobaea, R; Simaiya, S; Margala, M; Chakrabarti, P	Prevalence and risk factors analysis of postpartum depression at early stage using hybrid deep learning model	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-54927-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1213	Renjith, PN; Alfurhood, BS; Prashanth, KV; Patil, VS; Sharma, N; Chaturvedi, A	Coordination of modular nano grid energy management using multi-agent AI architecture	COMPUTERS & ELECTRICAL ENGINEERING	2024	10.1016/j.compeleceng.2024.109112	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1214	Bharathkumar, S; Murugan, A; Cordero, MAW; Muthamizh, S; Ganesh, K; Rashid, NA; Babu, S; Valdes, H; Mohan, S	Z-scheme configured iron oxide/g-C3N4 nanocomposite system for solar-driven H2 production through water splitting	APPLIED CATALYSIS O: OPEN	2024	10.1016/j.apcato.2024.206915	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1215	Alghamdi, A; Al Shahrani, AM; AlYami, SS; Khan, IR; Sri, PSGA; Dutta, P; Rizwan, A; Venkatareddy, P	Security and energy efficient cyber-physical systems using predictive modeling approaches in wireless sensor network	WIRELESS NETWORKS	2024	10.1007/s11276-023-03345-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1216	Kumar, M; Sahu, MK; Kaur, S; Prasad, A; Bajaj, R; Talewar, RA; Tayal, Y; Swapna, K; Rao, AS	Visible and NIR spectral analysis of Er3+ doped LiBiAlBSi glasses for laser applications	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-024-12281-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1217	Waiker, V; Ramesh, JVN; Kiran, A; Jangir, P; Haldar, R; Babu, PR; Thenmozhi, E	Enhancing Student Well-Being Prediction with an Innovative Attention-LSTM Model	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1218	Kumari, S; Rohilla, P; Diwakar, S; Talewar, RA; Shandilya, A; Tayal, Y; Swapna, K; Prasad, A; Rao, AS	Synthesis, analysis and characterizations of Dy3+ ions-doped CaBi2Nb2O9 phosphors for optoelectronic device applications	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-024-12640-2	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1219	Saha, A; Senapati, T; Akram, M; Kahraman, C; Mesiar, R; Arya, L	Dual probabilistic linguistic consensus reaching method for group decision-making	GRANULAR COMPUTING	2024	10.1007/s41066-024-00458-6	Emerging Sources Citation Index (ESCI)	WOS Proof
1220	Ferdous, AHMI; Mahmud, S; Vedanarayanan, V; Subha, TD; Kundu, D; Sadeque, MG; Rashed, ANZ; Ahammad, SH; Hossain, MA	High-sensitivity chemical sensing and detection applications based on octagonal-shaped hybrid photonic crystal fiber with a hexagonal core	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-024-01654-y	Emerging Sources Citation Index (ESCI)	WOS Proof
1221	Sathish, T; Sathyamurthy, R; Kumar, SS; Huynh, GB; Saravanan, R; Rajasimman, M	Amplifying power generation in microbial fuel cells with cathode catalyst of graphite-based nanomaterials	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024	10.1016/j.ijhydene.2024.12.077	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1222	Kumar, BA; Jyothi, B; Singh, AR; Bajaj, M; Rathore, RS; Tuka, MB	Hybrid genetic algorithm-simulated annealing based electric vehicle charging station placement for optimizing distribution network resilience	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-58024-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1223	Prasanthi, PP; Rao, UK; Madhav, VVV; Kumar, BK; Raghavender, V; Raj, VH; Kumar, A; Ramu, G; Abdullaev, S	Effect of tapered natural fiber on elastic properties of sisal fiber-reinforced composite: An experimental and micromechanics approach	INNOVATION AND EMERGING TECHNOLOGIES	2024	10.1142/S2737599424400061	Emerging Sources Citation Index (ESCI)	WOS Proof
1224	Gayathri, P; Geetha, N; Sridhar, M; Kuchipudi, R; Babu, KS; Maguluri, LP; Bala, BK	Deep Learning Augmented with SMOTE for Timely Alzheimer's Disease Detection in MRI Images	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1225	Ferdous, AHMI; Akter, B; Priya, A; Leo, LM; Prabu, RT; Sathi, BN; Kundu, D; Sadeque, MG; Islam, MS; Ahammad, SH; Rashed, ANZ	Octagonal PCF with Square-Core for Surface Enhanced Spectroscopic Properties: a New Frontier in Terahertz Chemical Sensing	PLASMONICS	2024	10.1007/s11468-023-02074-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1226	Kumar, YA; Roy, N; Ramachandran, T; Assiri, MA; Rao, SS; Moniruzzaman, M; Joo, SW	Revolutionizing energy storage: exploring the nanoscale frontier of all-solid-state batteries	DALTON TRANSACTIONS	2024	10.1039/d4dt01133c	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1227	Prasad, N; Pardhasaradhi, P; Madhav, BTP; Narayana, JL; Islam, T; Ghzaoui, ME; Das, S	Quartz Substrate-Based Super Absorber Using Graphene Material with 18 Absorption Bands for Terahertz Applications	PLASMONICS	2024	10.1007/s11468-024-02416-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1228	Rajesh, M; Mangesh, VL; Tamizhdurai, P; Kumar, NS; Vali, SNM; Subramani, A; Prasath, GS; Basivi, PK; Al-Fatesh, AS; Alreshaidan, SB; Saravanan, P; Kumaran, R	Zirconium supported on mesoporous KIT-6 by the catalytic activity of ethanol to 1,3-butadiene	ADVANCED POWDER TECHNOLOGY	2024	10.1016/j.appt.2024.104495	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1229	Chinnadurai, J; Karthik, A; Ramesh, JVN; Banerjee, S; Rajlakshmi, PV; Rao, KV; Sudarvizhi, D; Rajaram, A	Enhancing online education recommendations through clustering-driven deep learning	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2024.106669	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1230	Haider, SA; Rahman, MZU; Gupta, S; Hamidovich, AJ; Soomar, AM; Gupta, B; Patni, JC; Chunduri, V	Energy-Efficient Self-Supervised Technique to Identify Abnormal User Over 5G Network for E-Commerce	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2024	10.1109/TCE.2024.3355477	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1231	Bhansali, A; Patra, RK; Divakarachari, PB; Falkowski-Gilski, P; Shivakanth, G; Patil, SN	CNN-CLFFA: Support Mobile Edge Computing in Transportation Cyber Physical System	IEEE ACCESS	2024	10.1109/ACCESS.2024.3361837	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1232	Padmaja, SM; Kumar, A; Dhanesh, L; Kamesh, VV; Geetha, H; Ramya, D; Sekhar, GGR; Saha, N	Stability and Reliability Analysis for Multiple WT Using Deep Reinforcement Learning	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2023.2220313	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1233	Ashraf, MWA; Singh, AR; Pandian, A; Bajaj, M; Zaitsev, I; Rathore, RS	Enhancing network security with hybrid feedback systems in chaotic optical communication	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-76391-0	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1234	Murali, G; Ramani, P; Murugan, M; Elumalai, PV; Goud, NUR; Prabhakar, S	Improved solar still productivity using PCM and nano-PCM composites integrated energy storage	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-65418-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1235	Tera, SP; Chinthaginjala, R; Natha, P; Pau, G; Dhanamjayulu, C; Mohammad, F	CNN-Based Approach for Enhancing 5G LDPC Code Decoding Performance	IEEE ACCESS	2024	10.1109/ACCESS.2024.3420106	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1236	Sundar, R; Reddy, MP; Sethy, A; Selvam, K; Abidin, S; Chakrabarti, P; Nagarjuna, V; Ravuri, A; Selvan, P	Cloud computing encrypted image retrieval strategy in cloud computing using a hybrid optimization algorithm	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-237948	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1237	Dutta, AK; Krishna, LB; Rayudu, K; Vedhagiri, D; Medikundu, NR; JalajaKumari, SPS; Raghunathan, G; Saha, N	Battery-Based Energy Storage and SolarSolar Technologies Integrated for Power Matching and Quality Improvement Using Artificial Intelligence	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2023.2220323	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1238	Haider, SA; Ramesh, JVN; Raina, V; Maaliw, RR III; Soni, M; Nasurova, K; Patni, JC; Singh, PP	Secure Artificial Intelligence for Precise Vehicle Behavior Prediction in 6G Consumer Electronics	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2024	10.1109/TCE.2024.3369399	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1239	Anita, S; Rodrigues, P; Nagabhooshanam, N; Londhe, GV; Salunkhe, SS; Kumar, PD; Natrayan, L; Raju, PSDB	Energy Trading and Optimum Scheduling for Microgrids Using Multiple Agents Based DL Approach	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2023.2300329	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1240	Singh, A; Rani, P; Ramesh, JVN; Athawale, SV; Alkhayyat, AH; Aledaily, AN; Prola, TA; Sharma, R	Blockchain-Based Lightweight Authentication Protocol for Next-Generation Trustworthy Internet of Vehicles Communication	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2024	10.1109/TCE.2024.3351221	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1241	Ferdous, AHMI; Noor, SZE; Devi, PK; Kavitha, KR; Anitha, G; Jayakumar, T; Noor, KS; Sayed, R; Islam, MA; Rashed, ANZ; Ahammad, SH	Unlocking insights of oil derivatives with terahertz spectrum analysis: the hybrid refractive index rectangular core photonic crystal fiber perspective sensing	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-023-01520-3	Emerging Sources Citation Index (ESCI)	WOS Proof
1242	Durga, IK; Kulurumotlakatla, DK; Ramachandran, T; Kumar, YA; Reddy, DA; Raghavendra, KVG; Alothman, AA; Rao, SS	Synergy unleashed: NiMoO4/WO3/NF nanoflowers elevate for supercapacitor performance	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2024	10.1016/j.jpics.2023.111811	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1243	Syamala, M; Gowri, U; Babu, DV; Nisha, SA; Ahmed, MA; Muniyandy, E	Transactive energy management system for smart grids using Multi-Agent Modeling and Blockchain	SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS	2024	10.1016/j.suscom.2024.101001	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1244	Thiru, S; Kola, R; Thimmaraju, MK; Dhanalakshmi, CS; Sharma, V; Sakthi, P; Maguluri, LP; Ranganathan, L; Lalvani, JIJ	An analytical characterization study on biofuel obtained from pyrolysis of Madhuca longifolia residues	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-65393-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1245	Ramkumar, G; Ramalingam, H; Balamurugan, K; Balakrishnan, B; Venkatanareesh, M; Sangeetha, DP; Rashed, ANZ; Ferdous, AHMI; Ahammad, SH	Ultrahigh-fiber systems transmission capacity based on efficient optical single-/multi-mode band fiber parameters	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-024-01717-0	Emerging Sources Citation Index (ESCI)	WOS Proof
1246	Ardeti, VA; Kolluru, VR; Routray, S; Jagan, BOL; Kumar, AK; Ramachandran, R; Hossain, MA; Rashed, ANZ	Development of real time ECG monitoring and unsupervised learning classification framework for cardiovascular diagnosis	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	2024	10.1016/j.bspc.2023.105553	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1247	Meenakshi, N; Ahmad, S; Prabu, AV; Rao, JN; Othman, NA; Abdeljaber, HAM; Sekar, R; Nazeer, J	Efficient Communication in Wireless Sensor Networks Using Optimized Energy Efficient Engroove Leach Clustering Protocol	TSINGHUA SCIENCE AND TECHNOLOGY	2024	10.26599/TST.2023.9010056	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1248	Shukla, PK; Pandit, SV; Gandhi, C; Alrizq, M; Alghamdi, A; Shukla, PK; Venkatareddy, P; Rizwan, A	Effective privacy preserving model based on adversarial CNN with IBOA in the social IoT systems for CEC	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	2024	10.1002/dac.5669	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1249	Mopuri, O; Ganteda, C; Alsalhi, SA; Khan, SU; Ganjikunta, A; Govindan, V; Alqurashi, F; Kchaou, M	Inclined surface mixed convection flow of viscous fluid with porous medium and Soret effects	OPEN PHYSICS	2024	10.1515/phys-2023-0209	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1250	Gulhane, M; Kumar, S; Choudhary, S; Rakesh, N; Zhu, YD; Kaur, M; Tandon, C; Gadekallu, TR	Integrative approach for efficient detection of kidney stones based on improved deep neural network architecture	SLAS TECHNOLOGY	2024	10.1016/j.slast.2024.100159	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1251	Sheikha, AI; Sendil, MS; Sridhar, P; Hussan, MIT; Abidin, S; Kumar, R; Irshad, RR; Muniyandy, E; Kumar, SP	Revolutionizing collaborative auditing: A dynamic blockchain-based cloud storage framework for data updates and assurance	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-237474	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1252	Kumar, R; Maurya, A; Shanmugan, S; Kabeel, A; Akanovna, ZA; Sarsenbayev, Y; Panchal, H	Use of absorber plate built of ZnO/PVC/Bioactivation modified epoxy nanocomposites to improvement of double-effect Solar Distiller productivity analyzing the Energy, Exergo-environment and Enviro-economical	JOURNAL OF CLEANER PRODUCTION	2024	10.1016/j.jclepro.2023.139601	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1253	Vaiyapuri, T; Sivakumar, M; Shridevi, S; Parvathy, VS; Ramesh, JVN; Syed, K; Mohanty, SN	An intelligent water drop algorithm with deep learning driven vehicle detection and classification	AIMS MATHEMATICS	2024	10.3934/math.2024557	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1254	Manohar, A; Suvarna, T; Vattikuti, SVP; Sudhani, HPK; Manivasagan, P; Jang, ES; Al-Asbahi, BA; Mamed, N; Kim, KH	Ternary nanocomposites of ZnFe2O4/NiFe2O4/CeO2: Investigating electrochemical energy storage and biocompatible properties	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2024	10.1016/j.jece.2024.113337	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1255	Rohilla, P; Kumari, S; Ravita; Diwakar, S; Talewar, R; Shandilya, A; Maheshwari, K; Venkateswarlu, M; Prasad, A; Rao, AS	Colour tuning in Sm 3+activated and Sm 3+/Eu 3+co-activated SrBi 4 Ti 4 O 15 phosphors for w-LED applications	JOURNAL OF MOLECULAR STRUCTURE	2024	10.1016/j.molstruc.2024.138521	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1256	Vattikuti, SVP; Goud, JP; Aljuwayid, AM; Rosaiah, P; Sudhani, HPK; Jaesool, S; Ngo, KLD; Dang, NN	Zr/Ni metal oxide nanostructures: Electrochemical exploration and urea oxidation catalysts	CERAMICS INTERNATIONAL	2024	10.1016/j.ceramint.2024.05.358	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1257	Mishra, AR; Pamucar, D; Rani, P; Shrivastava, R; Hezam, IM	Assessing the sustainable energy storage technologies using single-valued neutrosophic decision-making framework with divergence measure	EXPERT SYSTEMS WITH APPLICATIONS	2024	10.1016/j.eswa.2023.121791	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1258	Jabeen, R; Jan, NS; Naseer, B; Sarangi, PK; Sridhar, K; Dikkala, PK; Bhaswant, M; Hussain, SZ; Inbaraj, BS	Development of Germinated-Brown-Rice-Based Novel Functional Beverage Enriched with γ -Aminobutyric Acid: Nutritional and Bio-Functional Characterization	FOODS	2024	10.3390/foods13081282	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1259	Reddy, KTK; Rakesh, K; Prathyusha, S; Gupta, JK; Nagasree, K; Lokeshvar, R; Elumalai, S; Prasad, PD; Kolli, D	Revolutionizing Diabetes Care: The Role of Marine Bioactive Compounds and Microorganisms	CELL BIOCHEMISTRY AND BIOPHYSICS	2024	10.1007/s12013-024-01508-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1260	Vivekananthan, V; Chandrasekhar, A; Dudem, B; Khandelwal, G; Silva, SR; Kim, SJ	Contact-electrification enabled water-resistant triboelectric nanogenerators as demonstrator educational appliances	JOURNAL OF PHYSICS-ENERGY	2024	10.1088/2515-7655/ad0739	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1261	Ramesh, D; Rizvi, N; Rao, PCS; Sundararajan, EA; Mondal, K; Srivastava, G; Qj, LY	Improved Chemical Reaction Optimization With Fitness-Based Quasi-Reflection Method for Scheduling in Hybrid Cloud-Fog Environment	IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT	2024	10.1109/TNSM.2023.3299358	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1262	Behera, SA; Panda, S; Hajra, S; Kaja, KR; Pandey, AK; Barranco, A; Jeong, SM; Vivekananthan, V; Kim, HJ; Achary, PGR	Current Trends on Advancement in Smart Textile Device Engineering	ADVANCED SUSTAINABLE SYSTEMS	2024	10.1002/adsu.202400344	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1263	Khan, PI; Ratnam, DV; Prasad, P; Saheb, SD; Jiang, JH; Basha, G; Kishore, P; Patil, CS	The Influences of Indian Monsoon Phases on Aerosol Distribution and Composition over India	REMOTE SENSING	2024	10.3390/rs16173171	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1264	Saha, A; Debnath, BK; Chatterjee, P; Panaiyappan, AK; Das, S; Anusha, G	Generalized Dombi-based probabilistic hesitant fuzzy consensus reaching model for supplier selection under healthcare supply chain framework	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2024	10.1016/j.engappai.2024.107966	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1265	Aras, U; Delwar, TS; Durgaprasadarao, P; Sundar, PS; Ahammad, SH; Eid, MMA; Lee, YW; Rashed, ANZ; Ryu, JY	Dual Features, Compact Dimensions and X-Band Applications for the Design and Fabrication of Annular Circular Ring-Based Crescent-Moon-Shaped Microstrip Patch Antenna	MICROMACHINES	2024	10.3390/mi15070809	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1266	Ponrani, MA; Anand, M; Alsaadi, M; Dutta, AK; Fayaz, R; Mathew, S; Chaurasia, MA; Sunila; Bhende, M	Brain-computer interfaces inspired spiking neural network model for depression stage identification	JOURNAL OF NEUROSCIENCE METHODS	2024	10.1016/j.jneumeth.2024.110203	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1267	Mahanty, C; Patro, SGK; Rathor, S; Rachapudi, V; Muzammil, K; Islam, S; Razak, A; Khan, WA	Forecasting of coronavirus active cases by utilizing logistic growth model and fuzzy time series techniques	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-67161-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1268	Essa, FA; Omara, ZM; Elsheikh, AH; Shanmugan, S; Abdullah, AS; El-Sebaey, MS	Innovative configurations for spherical solar distillation: Ball rotation and preheating for improved productivity	CASE STUDIES IN THERMAL ENGINEERING	2024	10.1016/j.csite.2024.104489	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1269	Annamdasu, ML; Challagulla, SP; Kontoni, DPN; Rex, J; Jameel, M; Vicencio, F	Artificial neural network-based prediction model of elastic floor response spectra incorporating dynamic primary-secondary structure interaction	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	2024	10.1016/j.soildyn.2023.108427	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1270	Nagarajan, L; Mahalingam, SK; Cep, R; Ramesh, JVN; Elangovan, M; Mohammad, F	A Novel Equal Area-Equal Width-Equal Bin Numbers Technique Using Salp Swarm Optimization Algorithm for Maximizing the Success Rate of Ball Bearing Assembly	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING	2024	10.1007/s12541-024-01048-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1271	Pushkarna, M; Rao, KVG; Goud, BS; Kumar, MK; Reddy, CR; Kotb, H; Aboras, KM; Alharthi, YZ; Yousef, A	A new-fangled connection of UPQC tailored power device from wind farm to weak-grid	FRONTIERS IN ENERGY RESEARCH	2024	10.3389/fenrg.2024.1355867	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1272	Nagarajan, L; Mahalingam, SK; Cep, R; Ramesh, JVN; Elangovan, M; Mohammad, F	A Novel Equal Area-Equal Width-Equal Bin Numbers Technique Using Salp Swarm Optimization Algorithm for Maximizing the Success Rate of Ball Bearing Assembly (Jul, 10.1007/s12541-024-01048-x, 2024)	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING	2024	10.1007/s12541-024-01128-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1273	Ahammad, SH; Dwarkanath, S; Joshi, R; Madhav, BTP; Priya, PP; Faragallah, OS; Eid, MMA; Rashed, ANZ	Social media reviews based hotel recommendation system using collaborative filtering and big data	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023-16644-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1274	Selvamani, M; Vadivel, S; Govindhan, G; Macadangdang, RR Jr; Alsulmi, A; Sambasivam, S; Sundaramoorthy, A	α -Fe ₂ O ₃ /MoS ₂ heterostructured nanomaterial for enhanced visible-light photocatalytic performance under sunlight irradiation	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-024-12835-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1275	Gayathri, P; Geetha, N; Sridhar, M; Kuchipudi, R; Babu, KS; Maguluri, LP; Bala, BK	Deep Learning Augmented with SMOTE for Timely Alzheimer's Disease Detection in MRI Images	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2024		Emerging Sources Citation Index (ESCI)	WOS Proof
1276	Zekrifa, DMS; Lamani, D; Chaitanya, GK; Kanimozhi, KV; Saraswat, A; Sugumar, D; Vetrithangam, D; Koshariya, AK; Manjunath, MS; Rajaram, A	Advanced deep learning approach for enhancing crop disease detection in agriculture using hyperspectral imaging	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-235582	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1277	Jayapradha, P; Tamizhdurai, P; Kavitha, C; Mangesh, VL; Abubakker, A; Jayakumar, S; Saravanan, P; Yadav, KK; Alreshidi, MA; Alshehery, S; Alqhtani, HA; Bin-Jumah, M	Continuous processing of JP-10 production: Hydroisomerization of endo-tetrahydrodicyclopentadiene to exo-tetrahydrodicyclopentadiene using a novel bimetal catalyst of Ba/Se supported on TiO ₂ /SO ₄	JOURNAL OF SAUDI CHEMICAL SOCIETY	2024	10.1016/j.jscs.2024.101951	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1278	Tumuluri, K; Abu-Dahrieh, JK; Mathiyalagan, K; Kalidhas, AM; Perumal, T; Srinivasan, S; Mangesh, VL; Kumar, NS; Alreshaidan, SB; Chandrasekaran, K; Arunachalam, V; Al-Fatesh, AS	Selective Oxidation of Cyclohexene over the Mesoporous H-Beta Zeolite on Copper/Nickel Bimetal Catalyst in Continuous Reactor	ACS OMEGA	2024	10.1021/acsomega.3c10503	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1279	Zekrif, DMS; Saravanakumar, R; Nair, S; Pachiappan, K; Vetrihangam, D; Devi, TK; Ganesan, T; Rajendiran, M; Devi, SR	Securing energy horizons: Cloud-driven based machine learning methods for battery management systems	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-236391	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1280	Pal, A; Uniyal, A; Sarkar, P; Srivastava, G; Yadav, HL; Dhiman, G; Taya, SA; Muduli, A	Detecting Binary Mixtures of Sulfolane with Ethylene Glycol, Diethylene Glycol, and Polyethylene Glycol in Water Using Surface Plasmon Resonance Sensor: A Numerical Investigation	PLASMONICS	2024	10.1007/s11468-023-02054-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1281	Kumar, KD; Roy, N; Ramachandran, T; Durga, IK; Khan, MS; Kumar, YA; Rao, SS; Joo, SW	Dual NiFe2O4//CoFe2O4 nanosheets compound dynamism for supercharged supercapacitors	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2024	10.1016/j.mseb.2024.117444	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1282	Kumar, YA; Reddy, GR; Ramachandran, T; Kulurumotlakatla, DK; Abd-Rabboh, HSM; Hafez, AAA; Rao, SS; Joo, SW	Supercharging the future: MOF-2D MXenes supercapacitors for sustainable energy storage	JOURNAL OF ENERGY STORAGE	2024	10.1016/j.est.2023.110303	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1283	Thanikodi, S; Kumar, I; Meena, M; Hemalatha, E; Padhi, SN; Ouladsmane, M; Abdelgawad, H	Mechanical property analysis of carbon-bamboo fiber-reinforced montmorillonite nanocomposite	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	2024	10.1007/s00170-023-12813-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1284	Bangre, J; Sinha, NK; Mohanty, M; Jayaraman, S; Sahoo, RN; Dwivedi, AK; Singh, D; Mishra, A; Kumar, S; Wanjari, R; Jha, P; Kumar, D; Mishra, R; Mandloi, S; Singh, UK; Chaudhary, R; Reddy, KS; Prabhakar, M; Singh, VK; Rao, CS	Long-term impact of inorganic fertilizers and farmyard manure on soil quality and productivity in subtropical Vertisols under a soybean-wheat cropping system	LAND DEGRADATION & DEVELOPMENT	2024	10.1002/ldr.5220	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1285	Ganesh, N; Shankar, R; Mahdal, M; Murugan, JS; Chohan, JS; Kalita, K	Exploring Deep Learning Methods for Computer Vision Applications across Multiple Sectors: Challenges and Future Trends	CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES	2024	10.32604/cmes.2023.028018	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1286	Lilhore, UK; Simaiya, S; Dalal, S; Faujdar, N; Sharma, YK; Rao, KBVB; Rao, VVRM; Tomar, S; Ghith, E; Tlija, M	ProtienCNN-BLSTM: An efficient deep neural network with amino acid embedding-based model of protein sequence classification and biological analysis	COMPUTATIONAL INTELLIGENCE	2024	10.1111/coin.12696	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1287	Raju, VVN; Saravanakumar, R; Yusuf, N; Pradhan, R; Hamdi, H; Saravanan, KA; Rao, VS; Askar, MA	Enhancing emotion prediction using deep learning and distributed federated systems with SMOTE oversampling technique	ALEXANDRIA ENGINEERING JOURNAL	2024	10.1016/j.aej.2024.07.081	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1288	Islam, MS; Ferdous, AHMI; Tamilselvi, M; Swarna, M; Anitha, G; Hasan, MM; Rashid, THMS; Sayed, R; Ahammad, SH; Rashed, ANZ; Hossain, MA	Highly sensitive hybrid structured based dodecagonal core with double layer hexagonal cladding photonic crystal fiber for food oil health sensing	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-023-01423-3	Emerging Sources Citation Index (ESCI)	WOS Proof
1289	Bhasuran, B; Manoharan, S; Iyyappan, OR; Murugesan, G; Prabahar, A; Raja, K	Large Language Models and Genomics for Summarizing the Role of microRNA in Regulating mRNA Expression	BIOMEDICINES	2024	10.3390/biomedicines12071535	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1290	Kanniammal, S; Arjunan, M; Prabu, RT; Mohan, SB; Ramkumar, V; Immanuvel, A; Xavier, BM; Ahammad, SH; Rashed, ANZ	High flexibility transparent optical networks based on wavelength conversion line selection through multi light paths	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-024-01755-8	Emerging Sources Citation Index (ESCI)	WOS Proof
1291	Ahmed, ST; Kumar, VV; Mahesh, TR; Prasad, LVN; Velmurugan, AK; Muthukumaran, V; Niveditha, VR	FedOPT: federated learning-based heterogeneous resource recommendation and optimization for edge computing	SOFT COMPUTING	2024	10.1007/s00500-023-09542-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1292	Dahiya, A; Mittal, P; Sharma, YK; Lilhore, UK; Simaiya, S; Ghith, E; Tlija, M	Machine Learning-Based Prediction of Parking Space Availability in IoT-Enabled Smart Parking Management Systems	JOURNAL OF ADVANCED TRANSPORTATION	2024	10.1155/2024/8474973	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1293	Meenakshi, K; Revathi, M; Harsha, SS; Tamilarasi, K; Shanthi, TS; Sugumar, D; Suriyakrishnaan, K; Maheswari, BU; Rajaram, A	Hybrid machine learning approach for trust evaluation to secure MANET from routing attacks	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-231918	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1294	Eid, MMA; Arjunan, M; Vijay, S; Muniyasamy, S; Balasubramanian, B; Prabu, RT; Ahammad, SH; Hossain, MA; Rashed, ANZ	Optical fiber links based A thermal planar AWG for ultrahigh thermal stability and ultralow thermal sensitivity	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-023-01456-8	Emerging Sources Citation Index (ESCI)	WOS Proof
1295	Babu, PA; Rai, AK; Ramesh, JVN; Nithyasri, A; Sangeetha, S; Kshirsagar, PR; Rajendran, A; Rajaram, A; Dilipkumar, S	An Explainable Deep Learning Approach for Oral Cancer Detection	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	2024	10.1007/s42835-023-01654-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1296	Radhakrishnan, R; Thirunavukkarasu, M; Prabu, RT; Ramkumar, G; Saravanakumar, S; Gopalan, A; Lahari, VR; Anusha, B; Ahammad, SH; Rashed, ANZ; Hossain, MA	Pixel Reduction of High-Resolution Image Using Principal Component Analysis	JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING	2024	10.1007/s12524-024-01815-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1297	Patra, N; Al Nasiri, N; Grasso, S; Daniel, DJ; Lee, WE	Green synthesis of nanosized Tantalum carbide (TaC) via natural polymer/ tantalum oxide hybrid composites: A sustainable approach towards enhanced processing and properties	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	2024	10.1016/j.jaap.2024.106464	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1298	Kumar, NS; Deepika, G; Goutham, V; Buvaneswari, B; Reddy, RVK; Angadi, S; Dhanamjayulu, C; Chinthaginjala, R; Mohammad, F; Khan, B	HARNet in deep learning approach-a systematic survey	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-58074-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1299	Kaushal, RK; Raveendra, K; Nagabhooshanam, N; Azam, M; Brindha, G; Anand, D; Natrayan, L; Rambabu, K	Fault Prediction and Awareness for Power Distribution in Grid Connected RES Using Hybrid Machine Learning	ELECTRIC POWER COMPONENTS AND SYSTEMS	2024	10.1080/15325008.2024.2337217	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1300	Ahammad, SH; Jayaraj, R; Shibu, S; Sujatha, V; Prathima, C; Leo, LM; Prabu, RT; Hossain, MA; Rashed, ANZ	Advanced model based machine learning technique for early stage prediction of ankylosing spondylitis under timely analysis with featured textures	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-024-18236-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1301	Mohanavel, V; Diwakar, G; Govindasamy, M; Singh, V; Rajakumar, IPT; Soudagar, MEM; Kannan, S; Salmen, SH; Alharbi, SA	Fabrication of ramie/hemp fibers-reinforced hybrid polymer composite-A comprehensive study on biological and structural application	AIP ADVANCES	2024	10.1063/5.0223604	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1302	Gupta, D; Ramesh, JVN; Kumar, MK; Alghayadh, FY; Dodda, SB; Ahanger, TA; Ilkhamova, Y; Karumuri, SR	Optimizing Cluster Head Selection for E-Commerce-Enabled Wireless Sensor Networks	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2024	10.1109/TCE.2024.3360513	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1303	Sunder, R; Sreeraj, R; Paul, V; Punia, SK; Konduri, B; Nabilal, KV; Lilhore, UK; Lohani, TK; Ghith, E; Tlija, M	An advanced hybrid deep learning model for accurate energy load prediction in smart building	ENERGY EXPLORATION & EXPLOITATION	2024	10.1177/01445987241267822	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1304	Khan, FA; Mekhilef, S; Ramachandaramurthy, VK; Aziz, NFA; Pal, N; Yaseen, A; Yadav, A; Asim, M; Alshammari, O	Design and development of grid independent integrated energy system for electric vehicle charging stations at different locations in Malaysia	ENERGY	2024	10.1016/j.energy.2024.131686	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1305	Ahsan, MF; Yusuf, M; Ansari, MY; Sahoo, GC; Salahuddin; Ganta, NM; Ahsan, MJ	An Efficient Synthesis of Curcumin Pyrazole Analogues and their Biological Activities	ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL	2024	10.1080/00304948.2024.2320503	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1306	Reddy, YM; Ganteda, C; Sreedhar, S; Himabindu, IBN; Sulaiman, TA; Obulesu, M; Yusuf, A; Umar, H; Uzun, B	Impact of variable electrical conductivity, viscosity on convective heat and mass transfer flow of CuO- and Al ₂ O ₃ -water nanofluids in cylindrical annulus	MODERN PHYSICS LETTERS B	2024	10.1142/S0217984924504256	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1307	Durga, IK; Roy, N; Ramachandran, T; Kumar, KD; Ansar, S; Kumar, YA; Rao, SS; Joo, SW	Innovative synthesis strategies for Rambutan-shaped CuNiO ₂ electrodes in high-performance supercapacitors	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	2024	10.1016/j.jpics.2024.112117	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1308	Sharma, J; Kumar, A; Gupta, R; Vijayalakshmi, S; Leo, LM; Kannan, V; Hossain, MA; Ahammad, SH; Rashed, ANZ	Excitation of Whistler Wave Instabilities Using a Spiraling Electron Beam in a Plasma	IRANIAN JOURNAL OF SCIENCE	2024	10.1007/s40995-023-01559-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1309	Sundar, R; Choudhury, ZH; Chiranjivi, M; Parasa, G; Ravuri, P; Sivaram, M; Subramanian, B; Muppavaram, K; Challa, VML	Future directions of artificial intelligence integration: Managing strategies and opportunities	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2024	10.3233/JIFS-238830	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1310	Suryanarayana, B; Varma, PVSKP; Shanmukhi, PSV; Kiran, MG; Murali, N; Mammo, TW; Raghavendra, V; Parajuli, D; Batoo, KM; Hussain, S	Comparison of the effect of Cr ³⁺ substituted Co-Cu and Cu-Co nano ferrites on structural, magnetic, DC electrical resistivity, and dielectric properties	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2024	10.1007/s10854-023-11808-6	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1311	Mousa, G; Basem, A; Shanmugan, S; Karmiris-Obratanski, P; Faqeha, H; Alshareef, RS; Moustafa, EB; Elsheikh, AH	Harnessing fluorescence resonance energy transfer for improved solar still performance with zinc oxide nanoparticles and activated carbon	APPLIED MATERIALS TODAY	2024	10.1016/j.apmt.2024.102196	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1312	Dakua, PK; Dash, RK; Laidouci, A; Bhattarai, S; Dudekula, U; Kashyap, S; Agarwal, V; Rashed, ANZ	Evaluating CZTS Solar Cell Performance Based on Generation and Recombination Models for Possible ETLs Through Numerical Analysis	JOURNAL OF ELECTRONIC MATERIALS	2024	10.1007/s11664-024-10930-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1313	Karthikeyan, S; Ravishankar, S; Rajaram, K; Kumar, SS; Kumar, PS; Sathish, T; Agbulut, U	Investigation on the combined effect of the hydrogen premixing and nanoparticle mixed pyrolysed oil of transformer oil waste in engine characteristics	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024	10.1016/j.ijhydene.2024.05.304	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1314	Sailaja, P; Mahamuda, S; Dedeeppya, G; Alzahrani, JS; Swapna, K; Venkateswarlu, M; Rao, A; Alrowaili, ZA; Olarinoye, IO; Al-Buriah, MS	Effect of Eu ³⁺ ions concentration on visible red luminescence and radiative shielding properties of SrO-Al ₂ O ₃ -BaCl ₂ -B ₂ O ₃ -TeO ₂ glasses	RADIATION PHYSICS AND CHEMISTRY	2024	10.1016/j.radphyschem.2023.111467	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1315	Dutta, C; Nagarajan, N; Adhoni, ZA; Dhandapany, SK; Alagarsamy, A; Chakravarthy, AK; Praveen, N; Pushpanathan, G; Kannan, S	Outlier detection in additive manufacturing using novel machine learning algorithm	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	2024	10.1007/s00170-023-12798-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1316	Tanuja, TN; Kavitha, L; Varma, SVK; Raju, VCC; Ganteda, CK; Obulesu, M; Jamshed, W; Eid, MR; Hussain, SM	Heat and mass transfer analysis of Casson-based hybrid nanofluid flow in the presence of an aligned magnetic field: An application toward mechanical engineering	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART N-JOURNAL OF NANOMATERIALS NANOENGINEERING AND NANOSYSTEMS	2024	10.1177/23977914241248546	Emerging Sources Citation Index (ESCI)	WOS Proof
1317	Prabu, RT; Benisha, M; Devi, PK; Hari Krishnan, R; Gomathi, T; Kumar, KR; Subha, TD; Rashed, ANZ; Ahammad, SH; Suman, M; Hossain, MA	Fabrication Model Design and Analysis of Flexible Polarization Surface Polariton Resonance with a Dual-Wing Antenna Structure Platform for Diverse Multiband Characteristics in the Measurement Environment	PLASMONICS	2024	10.1007/s11468-023-02141-z	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1318	Shibu, S; Khodaei, A; Kumar, AK; Nallathambi, GS; Pullasetty, RM; Mannepalli, S; Ferdous, AHMI; Ahammad, SH; Rashed, ANZ	High efficient employment of hybrid space division multiplexing/time division multiplexing techniques in active/passive optical transparent networks	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-024-01845-7	Emerging Sources Citation Index (ESCI)	WOS Proof
1319	Yesudasu, V; Pradhan, HS; Pandya, RJ; Thiyaneswaran, B; Vanaja, S; Hossain, MA; Rashed, ANZ	Numerical Investigation of Ag-Franckeite-Barium Titanium-BP-Based Highly Performed Surface Plasmon Resonance Sensor for Virus SARS-CoV-2 Detection	PLASMONICS	2024	10.1007/s11468-023-01985-9	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1320	Saha, A; Mishra, AR; Rani, P; Deveci, M; Debnath, BK; Jamil, N; Mahmoud, MA	An optimization model-based DEA-MARCOS approach for assessing EU countries towards achieving sustainable development goals	ENVIRONMENTAL SCIENCE & POLICY	2024	10.1016/j.envsci.2024.103913	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1321	Manohar, A; Suvarna, T; Vattikuti, SVP; Manivasagan, P; Jang, ES; Sudhani, HPK; Mamed, N; Shaikh, SF; Ubaidullah, M; Prakash, C; Kumar, A; Kim, KH	Structural, electron spin resonance, electrochemical energy storage and cytotoxicity properties of CeO ₂ /ZnFe ₂ O ₄ nanocomposites	MATERIALS CHEMISTRY AND PHYSICS	2024	10.1016/j.matchemphys.2024.129647	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1322	Vidhyalakshmi, M; Manjula, V; Aancy, HM; Christiana, MBV; Kumar, MJ; Nirmala, P; Almoallim, HS; Alharbi, SA; Raghavan, SS	An Innovation development of deep-sea bacterial monitoring and classification based on artificial intelligence microbiological model	AUTOMATIKA	2024	10.1080/00051144.202 4.2321812	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1323	Devi, PK; Vidhya, TH; Selvaraju, M; Balasubramanian, B; Sundar, S; Anvar, J; Ramkumar, G; Ahammad, SH; Rashed, ANZ; Ferdous, AHMI; Hossain, MA	High bandwidth profile based on fiber bragg grating dispersion compensation systems for high bit rate optical communications with long distance links	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-024- 01679-3	Emerging Sources Citation Index (ESCI)	WOS Proof
1324	Mekala, MS; Dhiman, G; Srivastava, G; Nain, Z; Zhang, HL; Viriyasitavat, W; Varma, GPS	A DRL-Based Service Offloading Approach Using DAG for Edge Computational Orchestration	IEEE TRANSACTIONS ON COMPUTATIONAL SOCIAL SYSTEMS	2024	10.1109/TCSS.2022.316 1627	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1325	Saha, A; Görçün, ÖF; Pamucar, D; Arya, L; Simic, V	Evaluation of shared micro-mobility systems for sustainable cities by using a consensus-based Fermatean fuzzy multiple objective optimization and full multiplicative form	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2024	10.1016/j.engappai.202 4.108662	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1326	Mishra, AR; Rani, P; Pamucar, D; Alrasheedi, AF; Simic, V	An integrated picture fuzzy standard deviation and pivot pairwise assessment method for assessing the drivers of digital transformation in higher education institutions	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	2024	10.1016/j.engappai.202 4.108508	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1327	Panigrahi, BS; Nagarajan, N; Prasad, KDV; Sathya; Salunkhe, SS; Kumar, PD; Kumar, MA	Novel nature-inspired optimization approach-based svm for identifying the android malicious data	MULTIMEDIA TOOLS AND APPLICATIONS	2024	10.1007/s11042-023- 18097-5	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1328	Maheshwari, A; Hemalatha, B; Lakshmi, G; Kavitha, A; Tata, RK; Taqui, SN; Al Obaid, S; Alharbi, SA; Raghavan, SS	Monitoring and Identification of Various Glucose Levels of Diabetes Patients Using Edge Based Machine Learning Approach	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	2024	10.1007/s42835-023- 01615-8	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1329	Sonia, R; Joseph, J; Kalaiyarasi, D; Kalyani, N; Gupta, ASALGG; Ramkumar, G; Almoallim, HS; Alharbi, SA; Raghavan, SS	Segmenting and classifying skin lesions using a fruit fly optimization algorithm with a machine learning framework	AUTOMATIKA	2024	10.1080/00051144.202 3.2293515	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1330	Kalyani, P; Manasa, Y; Ahammad, SH; Suman, M; Anwer, TMK; Hossain, MA; Rashed, ANZ	RETRACTION: Prediction of patient's neurological recovery from cervical spinal cord injury through XGBoost learning approach (Retraction of Vol 32, Pg 2140, 2023)	EUROPEAN SPINE JOURNAL	2024	10.1007/s00586-024- 08294-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1331	Kumar, A; Srinivas, M; Sahoo, S; Arumugam, P; Vijayakumar, S; Xavier, BM; Prabu, RT; Ahammad, SH; Hossain, MA; Rashed, ANZ	Optoelectronic devices based on configurable hysteresis of Schmitt trigger circuit control with the employment of CMOS technology	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-023- 01503-4	Emerging Sources Citation Index (ESCI)	WOS Proof

1332	Sabale, P; Sayyad, N; Sabale, V; Begum, T; Prakash, JM; Gobalakriahnan, P; Hemalatha, K; Parupathi, P; Reddy, KTK; Kolli, D; Alshehri, MA; Rab, SO; Bin Emran, T	Molecular Docking, Synthesis and Biological Evaluation of New Benzimidazole-Pyridine Derivatives as Potential Aromatase Inhibitor for the Treatment of Cancer	CHEMISTRYSELECT	2024	10.1002/slct.202401797	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1333	Yesudasu, V; Neelaveni, P; Bhuvaneswari, B; Mukesh, S; Ramkumar, G; Kannagi, L; Karpagam, M; Subha, TD; Rashed, ANZ; Ferdous, AHMI; Hossain, MA	Silver Dielectric Material Black Phosphorus-Based Surface Plasmon Resonance Biosensor for Alcohol Detection	PLASMONICS	2024	10.1007/s11468-023- 02143-x	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1334	Kandavalli, SR; Sundramurthy, VP; Krishnasamy, VD; Prasad, GNR; Kasi, UK; Rajesh, S; Kumar, BR; Selvaraju, M; Kadaikunnan, S; Khaled, JM	Bioresin based hybrid green composite preparation using Holoptelea integrifolia fibers reinforced by Ziziphus jujuba seed particles: a fuzzy logic assisted optimization of mechanical behaviour	ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE- INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS	2024	10.1515/zpch-2024- 0837	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1335	Byeon, H; Shabaz, M; Ramesh, JVN; Dutta, AK; Vijay, R; Soni, M; Patni, JC; Rusho, MA; Singh, PP	Feature fusion-based food protein subcellular prediction for drug composition	FOOD CHEMISTRY	2024	10.1016/j.foodchem.20 24.139747	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1336	Chandrasekhar, A; Basith, SA; Vivekananthan, V; Khandelwal, G; Raj, NPMJ; Purusothaman, Y; Kim, SJ	Smart maracas: An innovative triboelectric nanogenerator for earthquake detection and energy harvesting	NANO ENERGY	2024	10.1016/j.nanoen.2024. 109379	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1337	Neelamegam, N; Khodaei, A; Raja, A; Paul, S; Ramasamy, CK; Vijayan, TB; Reddy, VV; Ahammad, SH; Rashed, ANZ	Data rates transmission estimation for passive multi path light EPON/GPON networks performance signature with multi point services	JOURNAL OF OPTICS-INDIA	2024	10.1007/s12596-024- 01859-1	Emerging Sources Citation Index (ESCI)	WOS Proof
1338	Thirunavukkarasu, M; Selvaraj, K; Chiranjeevi, C; Rathinavelu, V; Maguluri, LP; Al Obaid, S; Alharbi, SA; Kalam, MA; Yokeswaran, R	ENHANCEMENT AND EXPERIMENTAL STUDY ON THERMAL BEHAVIOUR OF HEAT PIPE BASED SOLAR ABSORBER BY USING CuO NANOFLUID	THERMAL SCIENCE	2024	10.2298/TSCI23031127 4T	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1339	Kabeel, AE; Algazzar, AM; Essa, FA; Elsheikh, AH; Sathyamurthy, R; Manokar, AM; Shanmugan, S; Panchal, H; Kumar, R; Abdelgaied, M	Geothermal and solar energy in water desalination and power generation: comprehensive review	ENERGY SYSTEMS-OPTIMIZATION MODELING SIMULATION AND ECONOMIC ASPECTS	2024	10.1007/s12667-024-00685-5	Emerging Sources Citation Index (ESCI)	WOS Proof
1340	Farooqui, NA; Hasan, MK; Noori, MAR; Abd Rahman, AH; Islam, S; Haleem, M; Ahmad, SF; Khan, A; Ahmed, FRA; Babiker, NBM; Ahmed, TE; Khan, AUR	Hybrid Bat and Salp Swarm Algorithm for Feature Selection and Classification of Crisis-Related Tweets in Social Networks	IEEE ACCESS	2024	10.1109/ACCESS.2024.3421571	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1341	Aftab, S; Li, X; Kabir, F; Akman, E; Aslam, M; Pallavolu, MR; Koyyada, G; Assiri, MA; Rajpar, AH	Lighting the future: Perovskite nanorods and their advances across applications	NANO ENERGY	2024	10.1016/j.nanoen.2024.109504	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1342	Li, X; Aftab, S; Hussain, S; Kabir, F; Henaish, AMA; Al-Sehemi, AG; Pallavolu, MR; Koyyada, G	Dimensional diversity (0D, 1D, 2D, and 3D) in perovskite solar cells: exploring the potential of mixed-dimensional integrations	JOURNAL OF MATERIALS CHEMISTRY A	2024	10.1039/d3ta06953b	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1343	Ganapathy, GP; Kaliyappan, SP; Ramamoorthy, VL; Shanmugam, S; Alobaid, A; Warad, I; Velusamy, S; Achuthan, A; Sundaram, H; Vinayagam, M; Sivakumar, V	Low alkaline vegetation concrete with silica fume and nano-fly ash composites to improve the planting properties and soil ecology	NANOTECHNOLOGY REVIEWS	2024	10.1515/ntrev-2023-0201	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1344	Sabyasachi, S; Singh, AR; Godse, R; Jaiswal, S; Bajaj, M; Srivastava, I; Blazek, V; Prokop, L; Misak, S	Reimagining E-mobility: A holistic business model for the electric vehicle charging ecosystem	ALEXANDRIA ENGINEERING JOURNAL	2024	10.1016/j.aej.2024.03.004	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1345	Pittala, RK; Sharma, P; Anne, G; Arab, J; Unune, DR; Kumar, CS; Fernandes, F	Synthesis and characterization of open cell Ni-Cr foam developed using Pulse electro deposition technique for filtration applications	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE	2024	10.1177/09544054241238908	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1346	Bhattarai, S; Pandey, R; Madan, J; Ansari, Z; Hossain, MK; Amami, M; Ahammad, SH; Rashed, ANZ	Chlorine-doped perovskite materials for highly efficient perovskite solar cell design offering an efficiency of nearly 29%	PROGRESS IN PHOTOVOLTAICS	2024	10.1002/pip.3732	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1347	Hajra, S; Ali, A; Panda, S; Song, HW; Rajaittha, PM; Dubal, D; Borrás, A; In-Na, P; Vittayakorn, N; Vivekananthan, V; Kim, HJ; Divya, S; Oh, TH	Synergistic Integration of Nanogenerators and Solar Cells: Advanced Hybrid Structures and Applications	ADVANCED ENERGY MATERIALS	2024	10.1002/aenm.202400025	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1348	Akula, NK; Basha, SS; Tarakaramu, N; Ramesh, O; Askar, S; Rayudu, UM; Ahmad, H; Khan, MI	An intuitionistic fuzzy graph's variation coefficient measure with application to selecting a reliable alliance partner	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-68371-1	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1349	Deveci, M; Mishra, AR; Rani, P; Gokasar, I; Isik, M; Delen, D; Ooi, KB; Daim, T	Evaluation of intelligent transportation system implementation alternatives in metaverse using a Fermatean fuzzy distance measure-based OCRA model	INFORMATION SCIENCES	2024	10.1016/j.ins.2023.120008	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1350	Saleh, B; Ahmed, MH; Shanmugan, S; Elsheikh, AH; El-Sebaey, MS; Stephen, MT; Oyedepo, SO; Raja, V; Essa, FA	Enhancing desalination performance of a stepped solar still using nano-enhanced phase change material and condenser integration	SOLAR ENERGY MATERIALS AND SOLAR CELLS	2024	10.1016/j.solmat.2024.113141	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1351	Satpati, GG; Devi, A; Kundu, D; Dikshit, PK; Saravanabhupathy, S; Rajlakshmi; Banerjee, R; Rajak, RC; Kamli, MR; Lee, SY; Kim, JW; Davoodbasha, M	Synthesis, delineation and technological advancements of algae biochar for sustainable remediation of the emerging pollutants from wastewater-a review	ENVIRONMENTAL RESEARCH	2024	10.1016/j.envres.2024.119408	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1352	Padigala, CT; Satpati, GG; Singhvi, M; Goswami, L; Kushwaha, A; Oraon, S; Aleksanyan, K; Smykovskaya, RS; Rawindran, H; Wei, LJ; Rajak, R; Pandit, S; Dikshit, PK	Nanotechnological advancement in green hydrogen production from organic waste: Recent developments, techno-economic, and life cycle analyses	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024	10.1016/j.ijhydene.2024.10.216	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1353	Shanmugan, S; Hammoodi, KA; Eswarlal, T; Selvaraju, P; Bendoukha, S; Barhoumi, N; Mansour, M; Refaey, HA; Rao, MC; Mourad, AH; Fujii, M; Elsheikh, A	A technical appraisal of solar photovoltaic-integrated single slope single basin solar still for simultaneous energy and water generation	CASE STUDIES IN THERMAL ENGINEERING	2024	10.1016/j.csite.2024.104032	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1354	Janumala, E; Govindarajan, M; Reddi, BV; Manickam, M; Venkatesan, EP; Saleel, CA; Alwetaishi, M; Shaik, S; Nur-E-Alam, M; Soudagar, MEM	Exploring thermal dynamics of polyaniline-modified paraffin wax phase change material with varied PANI loadings (1-4% wt.)	HEAT AND MASS TRANSFER	2024	10.1007/s00231-024-03454-3	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof

1355	Kalita, K; Ramesh, JVN; Cepova, L; Pandya, SB; Jangir, P; Abualigah, L	Multi-objective exponential distribution optimizer (MOEDO): a novel math-inspired multi-objective algorithm for global optimization and real-world engineering design problems	SCIENTIFIC REPORTS	2024	10.1038/s41598-024-52083-7	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1356	Sathish, T; Karthikeyan, S; Sathyamurthy, R; Rajaram, K; Kumar, SS; Kumar, PS; Giri, J; Amesho, KTT	Synergistic effects of nano-enhanced waste transformer oil and hydrogen premixing on CI engine performance and emissions	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024	10.1016/j.ijhydene.2023.12.176	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1357	Kalita, K; Ramesh, JVN; Cep, R; Pandya, SB; Jangir, P; Abualigah, L	Multi-objective liver cancer algorithm: A novel algorithm for solving engineering design problems	HELIYON	2024	10.1016/j.heliyon.2024.e26665	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1358	Zare, EN; Khorsandi, D; Zarepour, A; Yilmaz, H; Agarwal, T; Hooshmand, S; Mohammadinejad, R; Ozdemir, F; Sahin, O; Adiguzel, S; Khan, H; Zarrabi, A; Sharifi, E; Kumar, A; Mostafavi, E; Kouchehbaghi, NH; Mattoli, V; Zhang, F; Jucaud, V; Najafabadi, AH; Khademhosseini, A	Biomedical applications of engineered heparin-based materials	BIOACTIVE MATERIALS	2024	10.1016/j.bioactmat.2023.08.002	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof
1359	Saha, A; Dabic-Miletic, S; Senapati, T; Simic, V; Pamucar, D; Ala, A; Arya, L	Fermatean Fuzzy Dombi Generalized Maclaurin Symmetric Mean Operators for Prioritizing Bulk Material Handling Technologies	COGNITIVE COMPUTATION	2024	10.1007/s12559-024-10323-y	Science Citation Index Expanded (SCI-EXPANDED)	WOS Proof