

S.No.	Type	Authors	Title	Source Title	Academic Session	Indexing	DOI
1	Journal	Kumar Sachin	Low-profile conformal single-sided miniaturized frequency selective surface for wideband shielding	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-025-92421-x
2	Journal	Khan Md Amir	Multi-dimensional scaling for space-time transformation to achieve sustainable planning and management of water resource under changing land use pattern	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-024-82207-y
3	Journal	Kumar Sachin	Optimal satellite selection using quantum convolutional autoencoder for low-cost GNSS receiver applications	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-025-91959-0
4	Journal	Dash Diptimayee	Performance analysis of hyperbolic graded topological resonator for biosensing applications	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-025-94062-6
5	Journal	Satpathy Sambit	V3DQutrit a volumetric medical image segmentation based on 3D qutrit optimized modified tensor ring model	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-025-00537-x
6	Journal	Gupta Ashish	Numerical Comparative Analysis of 10T-SRAM Cells with 6T, 7T, 8T, and 9T Using Vertical Nanowire Tunnel FETs	Semiconductors	2024-25	SCIE	https://doi.org/10.1134/S1063782625600299
7	Journal	Kumar Sachin	Design and Analysis of Wideband Single-Layer Reflectarray Antenna for Remote Sensing and Environmental Monitoring	Sensors	2024-25	SCIE	https://doi.org/10.3390/s25030954
8	Journal	Singh Brajesh Kumar	A hybrid PKI and spiking neural network approach for enhancing security and energy efficiency in IoT-based healthcare 5.0	SLAS Technology	2024-25	SCIE	https://doi.org/10.1016/j.slast.2025.100284
9	Journal	Singh Ashok Kumar	Analysis for modified augmentation of solar desalination assisted water heating system: Energy-matrices and environmental economics	Solar Energy	2024-25	SCIE	https://doi.org/10.1016/j.solener.2024.113120
10	Journal	Singh N. K.	Second-order PD $\hat{\mathbf{I}}_s$ -type iterative learning control for fractional-order linear time-delay switched systems with noise		2024-25	SCIE	https://doi.org/10.1002/asjc.3674
11	Journal	Vaishali null	Ionic liquid-assisted synthesis of pyrrole derivative: A green and sustainable method	Australian Journal of Chemistry	2024-25	SCIE	https://doi.org/10.1071/CH25002
12	Journal	Singh Ashok Kumar	Parametric analysis of evacuated annular parabolic solar receiver integrated solar stills: a relative optimization approach	ENVIRON DEV SUSTAIN	2024-25	SCIE	https://doi.org/10.1007/s10668-024-04709-z
13	Journal	Vaishali null	Correction to: Magnetic nanoparticle-catalyzed synthesis of indole derivatives: a green and sustainable method (Monatshefte für Chemie - Chemical Monthly, (2025), 156, 3, (247-277), 10.1007/s00706-025-03295-8)		2024-25	SCIE	https://doi.org/10.1007/s00706-025-03326-4
14	Journal	Pathania Pankaj	Transition Metal Nitride-Based Plasmonic Nanomaterials for Cholesterol and Triglyceride Sensing		2024-25	SCIE	https://doi.org/10.1007/s11468-025-02972-y
15	Journal	Gupta Ashish	Temperature Induced Analog Performance Modulation of High- Vertical Nanowire Tunnel FET	Semiconductors	2024-25	SCIE	https://doi.org/10.1134/S1063782625600020
16	Journal	Kumar, Sanjay Gokul	Effective Alzheimer's disease detection using enhanced Xception blending with snapshot ensemble	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-024-80548-2
17	Journal	Sharma, Ankit	Characterization and performance enhancement of 4 Å – 4 microstrip antenna array in dusty atmosphere using metasurface based superstrate	Measurement: Journal of the International Measurement Confederation	2024-25	SCIE	https://doi.org/10.1016/j.measurement.2024.114736
18	Journal	Kumar, Ashish	Erosion behavior of Al ₂ O ₃ -SiC and Al ₂ O ₃ -WC MMCs via powder metallurgy under solid particle impingement	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-024-71368-5
19	Journal	Yadav, Avinash Kumar	Hermite polynomials linking Szász-Durrmeyer operators	Computational and Applied Mathematics	2024-25	SCIE	https://doi.org/10.1007/s40314-024-02752-0
20	Journal	Kumar Sachin	Conformal multi-channel MIMO antenna for implantable leadless transcatheter pacing systems	AEU - International Journal of Electronics and Communications	2024-25	SCIE	https://doi.org/10.1016/j.aeue.2024.155621
21	Journal	Garg Rajni	Green synthesis of calcium oxide nanocatalyst and application in transesterification of waste cooking oil	Bioresources and Bioprocessing	2024-25	SCIE	https://doi.org/10.1186/s40643-025-00879-4
22	Journal	Garg Rajni	Cobalt titanate nanocatalyst for enhanced photodegradation of atrazine: kinetics, degradation efficiency, and mechanistic analysis	BMC Chemistry	2024-25	SCIE	https://doi.org/10.1186/s13065-025-01394-5
23	Journal	Kumari Ranjana	Metamaterial-Inspired Multi-port Tunable THz Antenna with Self-Multiplexing and MIMO Capability for 6G Wireless and Sensing Applications	Brazilian Journal of Physics	2024-25	SCIE	https://doi.org/10.1007/s13538-025-01717-w
24	Journal	Berwal Parveen	Evaluation and analysis of pullout strength in pile group embedded in sandy soil using PLAXIS 3D	Canadian Journal of Soil Science	2024-25	SCIE	https://doi.org/10.1139/cjss-2024-0092
25	Journal	Vaishali, Vipin	A Deep Insight into Synthetic and Medicinal Potential of γ -Carboline Derivatives: An Update	CHEMISTRYSELECT	2024-25	SCIE	http://dx.doi.org/10.1002/slct.202502142

26	Journal	Pathania Pankaj	Simulation of TIN Nanospheres, Nanoellipsoids, and Nanorings for Enhanced Localized Surface Plasmon Resonance and Field Amplification	ChemistrySelect	2024-25	SCIE	https://doi.org/10.1002/slct.202404987
27	Journal	Vaishali null	An Untold Story of Ionic Liquid for the Isatin Derivative Synthesis	Current Organic Chemistry	2024-25	SCIE	https://doi.org/10.2174/0113852728357158241207145409
28	Journal	Satpathy Sambit	Blockchain-based coal supply chain management system for thermal power plants	Discover Computing	2024-25	SCIE	https://doi.org/10.1007/s10791-025-09512-6
29	Journal	Mishra Aditya Dev	Disease diagnosis and control by reinforcement learning techniques: a systematic literature review	Discover Computing	2024-25	SCIE	https://doi.org/10.1007/s10791-025-09539-9
30	Journal	Kumar Vinit	Advanced skin lesion segmentation and classification using adaptive contextual GLCM and deep learning hybrid models	Egyptian Informatics Journal	2024-25	SCIE	https://doi.org/10.1016/j.eij.2025.100706
31	Journal	Kumar Vinit	Enhanced breast cancer detection and classification via CAMR-Gabor filters and LSTM: A deep Learning-Based method	Egyptian Informatics Journal	2024-25	SCIE	https://doi.org/10.1016/j.eij.2024.100602
32	Journal	Agarwal Ruchi	Compact reconfigurable dual-polarized half-mode SIW-based CRLH leaky-wave antenna for satellite communication	Electromagnetics	2024-25	SCIE	https://doi.org/10.1080/02726343.2025.2494078
33	Journal	Kumar Sachin	Advancing explainability of adversarial trained Convolutional Neural Networks for robust engineering applications	Engineering Applications of Artificial Intelligence	2024-25	SCIE	https://doi.org/10.1016/j.engappai.2024.109681
34	Journal	Rai Amit	Meta-machine learning framework for robust short-term solar power prediction across different climatic zones	Engineering Applications of Artificial Intelligence	2024-25	SCIE	https://doi.org/10.1016/j.engappai.2025.110295
35	Journal	Dewangan Ashish	Energy, exergy, energy matrices, exergoeconomic, and enviroeconomic (5E) analysis of active solar distiller using water loaded nanoparticles: A comparative study	Environmental Progress and Sustainable Energy	2024-25	SCIE	https://doi.org/10.1002/ep.14652
36	Journal	Kumar Sachin	3D-Printed Reflect-Transmit-Array Antenna With Modified Transmitarray Mode for RCS Reduction	IEEE Access	2024-25	SCIE	https://doi.org/10.1109/ACCESS.2025.3574052
37	Journal	Kumar Sachin	A Self-Decoupled MIMO Patch Antenna System for V2X Communications	IEEE Access	2024-25	SCIE	https://doi.org/10.1109/ACCESS.2025.3554151
38	Journal	Kumar Sachin	Compact 16-Port MIMO Antenna for Sub-6 GHz Communications	IEEE Access	2024-25	SCIE	https://doi.org/10.1109/ACCESS.2025.3541738
39	Journal	Jaiswal Raghevendra	Photo Absorption Noise for Molecular Information Exchange	IEEE Access	2024-25	SCIE	https://doi.org/10.1109/ACCESS.2025.3544910
40	Journal	Kumar Sachin	Reconfigurable Ultra-Miniaturized MIMO Antenna for Tissue-Independent Communication in Injectable Medical Implants	IEEE Access	2024-25	SCIE	https://doi.org/10.1109/ACCESS.2025.3535780
41	Journal	Chaudhary Vijay Shanker	Photonic Crystal Fiber-Based Sensors for Various Cancer Detection in Human Body: A Review	IEEE Sensors Journal	2024-25	SCIE	https://doi.org/10.1109/ISEN.2024.3524325
42	Journal	Kumar, Sachin	Federated Learning With Local Differential Privacy for Autonomous Electronic Vehicles: Enhancing Security and Performance	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	2024-25	SCIE	http://dx.doi.org/10.1109/TCE.2025.3551511
43	Journal	Kumar Sachin	Federated Learning with Local Differential Privacy for Autonomous Electronic Vehicles: Enhancing Security and Performance	IEEE Transactions on Consumer Electronics	2024-25	SCIE	https://doi.org/10.1109/TCE.2025.3551511
44	Journal	Singh Brajesh Kumar	Zero Trust Management Over Consumer Technology-Based IoT Edge Node for SDN Communication and Control of Cyberâ€œPhysical Systems		2024-25	SCIE	https://doi.org/10.1109/TCE.2025.3563408
45	Journal	Kumar Sachin	Federated Learning Intersection Vehicle Trajectory Prediction Scheme Within Digital Twin	IEEE Transactions on Intelligent Transportation Systems	2024-25	SCIE	https://doi.org/10.1109/ITIS.2025.3573999
46	Journal	Chhabra Himanshu	An Adaptive Fractional Order MPPT Control for Maximum Power Extraction From Solar Photovoltaic System	International Journal of Adaptive Control and Signal Processing	2024-25	SCIE	https://doi.org/10.1002/acs.3988
47	Journal	Kumar Sachin	Investigation of a Rectangular Dielectric Resonator Antenna Working in Higher Order Modes Using Perturbation Theory	International Journal of Antennas and Propagation	2024-25	SCIE	https://doi.org/10.1155/ijap/5582517
48	Journal	Kumar Sachin	Design and Implementation of High Isolation Textile MIMO Antenna for Wearable Applications	International Journal of Communication Systems	2024-25	SCIE	https://doi.org/10.1002/dac.70010
49	Journal	Kumar Sachin	High-Gain 16-Port mm-Wave MIMO Antenna With Spiral-Shaped Electromagnetic Band Gap for 5G Applications	International Journal of Communication Systems	2024-25	SCIE	https://doi.org/10.1002/dac.70074
50	Journal	Singh Brijesh	Mechanical Properties and Microstructure Evolution of PWHT of Dissimilar Joints of SS304 and P92 Steels for Power Plant Applications	International Journal of Steel Structures	2024-25	SCIE	https://doi.org/10.1007/s13296-025-00944-w
51	Journal	Seth Amit	DUALBIGRU-UCSA: Deep Learning based Music Emotion Recognition Model	Journal of Scientific and Industrial Research	2024-25	SCIE	https://doi.org/10.56042/jsir.v84i03.13751
52	Journal	Jaiswal Raghevendra	Closed Form Expressions for Underwater-RF System Over Decode-Forward Relaying	Journal of Sensors	2024-25	SCIE	https://doi.org/10.1155/ij/4248219
53	Journal	Shrivastava Y.	Comparative Analysis Between LMD and WDLMD for Identifying Suitability in Measuring Chatter Features During Turning Operation on CNC Lathe	Mapan - Journal of Metrology Society of India	2024-25	SCIE	https://doi.org/10.1007/s12647-025-00809-x

54	Journal	Kumar Ashish	Influence of strain rate on the tensile properties, misorientation distribution, and texture evolution of automotive-grade TRIP-assisted advanced high-strength steel	Materials Letters	2024-25	SCIE	https://doi.org/10.1016/j.matlet.2024.137612
55	Journal	Vaishali null	Magnetic nanoparticle-catalyzed synthesis of indole derivatives: a green and sustainable method	Monatshefte fur Chemie	2024-25	SCIE	https://doi.org/10.1007/s00706-025-03295-8
56	Journal	Rana Arun Kumar	Entropy-driven deep learning framework for epilepsy detection using electroencephalogram signals	Neuroscience	2024-25	SCIE	https://doi.org/10.1016/j.neurosciences.2025.05.003
57	Journal	Mallick Bidyut	Charge-state dependent spin-orbit coupling and quantum phase transitions in Ir-Ru oxides	Physical Review B	2024-25	SCIE	https://doi.org/10.1103/PhysRevB.111.195148
58	Journal	Shrivastava Manish	Critical observation on partially shaded PV modules and effects on sustainable applications	Renewable and Sustainable Energy Reviews	2024-25	SCIE	https://doi.org/10.1016/j.rser.2025.115568
59	Journal	Kumar Sachin	A self-octaplexing millimeter-wave antenna array for 5g fr2 spectrum	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-025-94786-5
60	Journal	Verma Vandna Rani	Adaptive AI-enhanced computation offloading with machine learning for QoE optimization and energy-efficient mobile edge systems	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-025-00409-4
61	Journal	Singh Nitesh Kumar	A computational examination of lead free Cs2Ptl6 based perovskite solar cell with investigation of several carrier transport materials	Solar Energy Materials and Solar Cells	2024-25	SCIE	https://doi.org/10.1016/j.solmat.2025.113430
62	Journal	Shahid Mohammad	Hybrid ANFIS-PI-Based Optimization for Improved Power Conversion in DFIG Wind Turbine	Sustainability (Switzerland)	2024-25	SCIE	https://doi.org/10.3390/su17062454
63	Journal	Vaishali null	IL-assisted strategy for imidazole: A green recipe	Synthetic Communications	2024-25	SCIE	https://doi.org/10.1080/00397911.2025.2521832
64	Journal	Anjum, Ansar Kashif, Mohammad	Synthesis and characterization of sustainable polyurethane-amide (PUA)-organoclay bio-nanocomposites for enhanced protective coatings	Journal of Molecular Structure	2024-25	SCIE	https://doi.org/10.1016/j.molstruc.2024.139187
65	Journal	Gupta, Bhawna	Propagation and interaction of waves in non-ideal magnetogasdynamics	Ricerche di Matematica	2024-25	SCIE	https://doi.org/10.1007/s11587-022-00734-0
66	Journal	Sadanand Tripathi, Rajesh	Hydrothermal synthesis of kesterite CZTSSe nanoparticles for highly efficient thin film	Materials Chemistry and Physics	2024-25	SCIE	https://doi.org/10.1016/j.matchemphys.2024.129434
67	Journal	Srivastava, Bipin Kumar	METAL-SUPPORTED SOLID OXIDE FUEL CELLS: SYNTHESIS AND ELECTROCHEMICAL PROPERTIES ANALYSIS USING OPTIMIZATION METHOD	Surface Review and Letters	2024-25	SCIE	https://doi.org/10.1142/S0218625X25500325
68	Journal	Vaishali	Green synthesis of imidazoles: The catalytic efficacy of magnetic nanoparticles	Tetrahedron	2024-25	SCIE	https://doi.org/10.1016/j.tet.2024.134246
69	Journal	Aggarwal, Mohit	Measurement of Heavy Metals Content in Suspended Sediment of Ganges River Using Atomic Absorption Spectrometry	Mapan - Journal of Metrology Society of India	2024-25	SCIE	https://doi.org/10.1007/s12647-024-00771-0
70	Journal	Berwal, Parveen	Environmental Conservation by Using Recycled Aggregates: Enhancing Sustainability in Road Construction	Rocznik Ochrona Srodowiska	2024-25	SCIE	https://doi.org/10.54740/ros.2024.047
71	Journal	Berwal, Parveen	A practical approach to demonstrate the circular economy in remediation of textile dyes using nutraceutical industrial spent	RSC Advances	2024-25	SCIE	https://doi.org/10.1039/d4ra03796k
72	Journal	Berwal, Parveen Khan, Md Amir	Innovative eco-friendly bio-composites: A comprehensive review of the fabrication, characterization, and applications	Reviews on Advanced Materials Science	2024-25	SCIE	https://doi.org/10.1515/rams-2024-0057
73	Journal	Khan, Md Amir	Development of high strength light weight concrete for RC beams by using optimum replacement level of pumice aggregate	AIP Advances	2024-25	SCIE	https://doi.org/10.1063/5.0225804
74	Journal	Khan, Md Amir	Symbiotic impact of carbon quantum dots on microstructural development and mechanical behaviour of cement mortars	Case Studies in Construction Materials	2024-25	SCIE	https://doi.org/10.1016/j.cscm.2024.e03042
75	Journal	Khan, Md Amir	Biomass energy transformation: Harnessing the power of explainable ai to unlock the potential of ultimate analysis data	Environmental Technology and Innovation	2024-25	SCIE	https://doi.org/10.1016/j.eti.2024.103652
76	Journal	Khan, Md Amir	Enhancing soot emission control and performance in biodiesel-powered diesel engine through Al2O3 nanoparticle	International Journal of Low-Carbon Technologies	2024-25	SCIE	https://doi.org/10.1093/ijlct/ctae179
77	Journal	Khan, Md Amir	Friction stir welding of dissimilar Al-Mg alloys for aerospace applications: Prospects and future potential	Reviews on Advanced Materials Science	2024-25	SCIE	https://doi.org/10.1515/rams-2024-0033
78	Journal	Agrawal, Amrit Kumar	WatMIF: Multimodal Medical Image Fusion-Based Watermarking for Telehealth Applications	Cognitive Computation	2024-25	SCIE	https://doi.org/10.1007/s12559-022-10040-4
79	Journal	Bali, Vikram	Design and performance analysis of compact quad-band two-port sickle-shaped MIMO antenna for wireless applications	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2024-25	SCIE	https://doi.org/10.1002/jnm.3293

80	Journal	Gupta, Sachi	An effective fuzzy based segmentation and twin attention based convolutional gated recurrent network for skin cancer detection	Multimedia Tools and Applications	2024-25	SCIE	https://doi.org/10.1007/s11042-023-17538-5
81	Journal	Gupta, Sachi	Simulators for Fog Computing and Information Processing	Proceedings of the National Academy of Sciences India Section A - Physical Sciences	2024-25	SCIE	https://doi.org/10.1007/s40010-024-00891-x
82	Journal	Kumar, Narendra	A Novel IoT-Blockchain Methodology to Augment Conviction in Electronic Health Records Management	TRAIT SIGNAL	2024-25	SCIE	http://dx.doi.org/10.18280/ts.410505
83	Journal	Kumar, Vinit	An optimized boosting framework for skin lesion segmentation and classification	Multimedia Tools and Applications	2024-25	SCIE	https://doi.org/10.1007/s11042-023-17042-w
84	Journal	Kumari, Ranjana Agarwal, Ruchi Alam, Maksud	High Q ultra-thin nona-band polarization insensitive homogeneous single layer metasurface for electronics and space industry with electromagnetic interference and antenna radar cross section reduction	Materials Today Communications	2024-25	SCIE	https://doi.org/10.1016/j.mtcomm.2024.109674
85	Journal	Mishra, Aditya Dev	Security requirements specification by formal methods: a research metadata analysis	Multimedia Tools and Applications	2024-25	SCIE	https://doi.org/10.1007/s11042-023-17218-4
86	Journal	Rana, Arun Kumar	Analysis and performance evaluation of computation models for node localization in deep sea using UWSN	International Journal of Communication Systems	2024-25	SCIE	https://doi.org/10.1002/dac.5798
87	Journal	Geetha, P. Mahato, Bidyut	Performance enhancement of sensorless induction motor drive using modified direct torque control techniques for traction application	Alexandria Engineering Journal	2024-25	SCIE	https://doi.org/10.1016/j.aej.2024.07.095
88	Journal	Khokhar, Bhuvnesh	Frequency regulation in a microgrid integrating redox flow battery by utilizing an optimal predictive control approach	Electrical Engineering	2024-25	SCIE	https://doi.org/10.1007/s00202-023-02222-6
89	Journal	Kushwaha, Pawan Kumar	Techno economic analysis of optimal load scheduling approach in a standalone hybrid microgrid system	Journal of Renewable and Sustainable Energy	2024-25	SCIE	https://doi.org/10.1063/5.0219965
90	Journal	Mahato, Bidyut	Design, implementation and validation of a new multi-level topology with fewer components	Microsystem Technologies	2024-25	SCIE	https://doi.org/10.1007/s00542-023-05592-w
91	Journal	Mahato, Bidyut Joshi, Hitesh	A New Cascaded Multilevel Inverter for Modular Structure and Reduced Passive Components	Electronics (Switzerland)	2024-25	SCIE	https://doi.org/10.3390/electronics13173566
92	Journal	Sharma, Richa	Circular RFID Antenna for White Space TV Band	Wireless Personal Communications	2024-25	SCIE	https://doi.org/10.1007/s11277-024-11657-4
93	Journal	Chaudhary, Vijay Shanker	A highly sensitive photonic crystal fibre biosensor for early malaria detection via RBC variation monitoring	Journal of Optics (United Kingdom)	2024-25	SCIE	https://doi.org/10.1088/2040-8986/ad7965
94	Journal	Jain, Bhavya Yadav, Dharmendra	Molecular Communication Under Different Signaling Waveforms and Biological Deployments	Wireless Personal Communications	2024-25	SCIE	https://doi.org/10.1007/s11277-024-11496-3
95	Journal	Kumar, Sachin	High-Gain 3-D RFID Reader Antenna With Cubic Metasurface Backing and 360° Coverage for Internet of Vehicles	IEEE Transactions on Antennas and Propagation	2024-25	SCIE	https://doi.org/10.1109/TAP.2024.3407659
96	Journal	Kumar, Sachin	A Flexible Reconfigurable MIMO Antenna for IoT-Enabled Smart Systems	International Journal of Antennas and Propagation	2024-25	SCIE	https://doi.org/10.1155/2024/7557178
97	Journal	Kumar, Sachin	Circularly Polarized Sixteen-Port Flexible UWB MIMO Antenna Featuring Polarization Diversity for WBAN Applications	International Journal of RF and Microwave Computer-Aided Engineering	2024-25	SCIE	https://doi.org/10.1155/2024/8442770
98	Journal	Kumar, Sachin	Thirty two port super wideband diversity antenna for indoor communications	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-024-76008-6
99	Journal	Kumar, Sachin	A Compact Wearable Textile Antenna for NB-IoT and ISM Band Patient Tracking Applications	Sensors	2024-25	SCIE	https://doi.org/10.3390/s24155077
100	Journal	Singh, Ravendra	Realization of Filter/Inverse Filter Topologies Using Single FTFNTA	Wireless Personal Communications	2024-25	SCIE	https://doi.org/10.1007/s11277-024-11610-5
101	Journal	Singh, Sanjeev Kumar	Machine and deep learning methods for concrete strength Prediction: A bibliometric and content analysis review of research trends and future directions	Applied Soft Computing	2024-25	SCIE	https://doi.org/10.1016/j.asoc.2024.111956
102	Journal	Dewangan, Ashish	Innovative research on waste tire recycling for sustainable biofuel production: Assessment of its usability on multi-cylinder diesel engine employing constant injection of oxyhydrogen and biogas through a premixing device	International Journal of Hydrogen Energy	2024-25	SCIE	https://doi.org/10.1016/j.ijhydene.2024.08.131
103	Journal	Dewangan, Ashish	EXPERIMENTAL INVESTIGATIONS ON THE ELECTROCHEMICAL MACHINING OF D3 DIE STEEL MATERIAL AND MULTI-OBJECTIVE PARAMETER OPTIMIZATION	Surface Review and Letters	2024-25	SCIE	https://doi.org/10.1142/S0218625X24500744
104	Journal	Kumar Arora, Pawan Kumar	Unlocking AISI420 Martensitic Stainless Steel's Potential: Precision Enhancement Via S-EDM with Copper Electrodes and Multivariate Optimization	Arabian Journal for Science and Engineering	2024-25	SCIE	https://doi.org/10.1007/s13369-024-08711-5
105	Journal	Kumar, Ashish	Effect of welding speed on microstructure, nano-mechanical and nano-tribological characteristics of dissimilar friction stir welded AA6061-T6 and AZ31 alloy	Journal of Adhesion Science and Technology	2024-25	SCIE	https://doi.org/10.1080/01694243.2024.2302268

106	Journal	Shrivastava, Y.	Advancements in metaheuristic optimization techniques for laser beam cutting of FRP composites: A review	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2024-25	SCIE	https://doi.org/10.1177/09544089241278097
107	Editorial	Garg, Rajni Anjum, Ansar	Preface		2024-25	SCIE	
108	Journal	Mittal, Mona	Synthesis, characterization, and antibacterial activity studies of I ⁺ -lactam capped silver nanoparticles	Journal of Heterocyclic Chemistry	2024-25	SCIE	https://doi.org/10.1002/jhet.4805
109	Journal	Prasad, Rajendra	Redshift Drift in the Universe: Theoretical Features and Observational Constraints	Gravitation and Cosmology	2024-25	SCIE	https://doi.org/10.1134/S0202289324700105
110	Journal	Chaudhary, Vijay Shanker	Design and Analysis of a Double D-Shaped Dual-Core PCF Sensor for Detecting Biomolecules in the Human Body	IEEE Sensors Journal	2024-25	SCIE	https://doi.org/10.1109/ISEN.2024.3380095
111	Journal	Kumar, Sachin Mahendra	Efficient plaintext checkable identity-based signcryption in cyber-physical systems towards IIoT	Transactions on Emerging Telecommunications Technologies	2024-25	SCIE	https://doi.org/10.1002/ett.4990
112	Journal	Rathore, Rahul	Automated Melanoma Skin Disease Detection Using the Spike Herd Search Algorithm	IETE Journal of Research	2024-25	SCIE	https://doi.org/10.1080/03772063.2023.2273305
113	Journal	Satpathy, Sambit	Consumer electronics based smart technologies for enhanced terahertz healthcare having an integration of split learning with medical imaging	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-024-58741-0
114	Journal	Mahato, Bidyut	A New Symmetrical Source-Based DC/AC Converter with Experimental Verification	Electronics (Switzerland)	2024-25	SCIE	https://doi.org/10.3390/electronics13101975
115	Journal	Kumar, Sachin	On body and off body communication using a compact wideband and high gain wearable textile antenna	Scientific Reports	2024-25	SCIE	https://doi.org/10.1038/s41598-024-64932-6
116	Journal	Kumar Singh, Nitish	Second-order PD ² -type iterative learning control for fractional-order linear time-delay switched systems with noise	ASIAN JOURNAL OF CONTROL	2024-25	SCIE	http://dx.doi.org/10.1002/asjc.3674
117	Journal	Vaishali	Ionic liquid-assisted synthesis of pyrrole derivative: a green and sustainable method	AUSTRALIAN JOURNAL OF CHEMISTRY	2024-25	SCIE	http://dx.doi.org/10.1071/CH25002
118	Journal	Khan, Mohammad Amir	Analysis of optical solitons propagation in the dual-mode resonant nonlinear Schrödinger dynamical equation with assorted nonlinear interactions		2024-25	SCIE	http://dx.doi.org/10.1142/S0217984924504335
119	Journal		Magnetic nanoparticle-catalyzed synthesis of indole derivatives: a green and sustainable method (vol 156, pg 247, 2025)	MONATSHFTE FÜR CHEMIE	2024-25	SCIE	http://dx.doi.org/10.1007/s00706-025-03326-4
120	Journal	Pathania, Pankaj	Transition Metal Nitride-Based Plasmonic Nanomatryoshka for Cholesterol and Triglyceride Sensing	PLASMONICS	2024-25	SCIE	http://dx.doi.org/10.1007/s11468-025-02972-y
121	Journal	Gupta, Ashish	Temperature Induced Analog Performance Modulation of High-R Vertical Nanowire Tunnel FET	SEMICONDUCTORS	2024-25	SCIE	http://dx.doi.org/10.1134/S1063782625600020
122	Journal	Garg, R.	Experimental and theoretical investigations of crab shell-based CaO nanoparticles for the photodegradation of penicillin G in water	INT J ENVIRON SCI TE	2024-25	SCIE	http://dx.doi.org/10.1007/s13762-024-06214-2
123	Journal	Garg, Rajni, Garg, Rishav	Efficient sequestration of zinc and copper from aqueous media: exploring strategies, mechanisms, and challenges	INT J ENVIRON SCI TE	2024-25	SCIE	http://dx.doi.org/10.1007/s13762-024-06060-2
124	Journal	Prasad, Rajendra	Constraining hybrid potential scalar field cosmological model in Lyra's geometry with recent observational data	INT J GEOM METHODS M	2024-25	SCIE	http://dx.doi.org/10.1142/S0219887824502839
125	Journal		Clay-polymer nanocomposites for effective water treatment: opportunities, challenges, and future prospects	ENVIRON MONIT ASSESS	2024-25	SCIE	http://dx.doi.org/10.1007/s10661-024-12823-8
126	Journal	Vaishali	Reusable Magnetic Nanoparticles: A Green System for Synthesis of Pyrrole Scaffolds	J HETEROCYCLIC CHEM	2024-25	SCIE	http://dx.doi.org/10.1002/jhet.4931
127	Journal	Mohammad Amir khan	Silver vanadate nanoparticles: Green synthesis, enhanced photocatalytic and antibacterial activity	AIP ADV	2024-25	SCIE	http://dx.doi.org/10.1063/5.0217829
128	Journal	Mohammad Amir khan	Employing nutraceutical industry by-product, cumin seeds spent, for the adsorption treatment of acid blue 113 dye	AIP ADV	2024-25	SCIE	http://dx.doi.org/10.1063/5.0217877
129	Journal	Mohammad Amir Khan	Development and optimization of geopolymer-based artificial angular coarse aggregate using cut-blade mechanism	CASE STUD CONSTR MAT	2024-25	SCIE	http://dx.doi.org/10.1016/j.cscm.2024.e03826
130	Journal	Mohammad Amir Khan	Enhancement of the structural behavior of elevated water tanks using X-plate dampers	J CONSTR STEEL RES	2024-25	SCIE	http://dx.doi.org/10.1016/j.jcsr.2024.108886
131	Journal	Kumar, Sanjay	Effective Alzheimer's disease detection using enhanced Xception blending with snapshot ensemble	SCI REP-UK	2024-25	SCIE	http://dx.doi.org/10.1038/s41598-024-80548-2
132	Journal	Satpathy, Sambit	Workflow task scheduling for homogeneous environments on multiprocessing based on IoT variant of beta artificial bee colony	T EMERG TELECOMMUN T	2024-25	SCIE	http://dx.doi.org/10.1002/ett.4685
133	Journal	Shahid, Mohammad	Impact of geometric variables on the functionality of downdraft biomass gasifiers across diverse dimensions	BIOFUELS-UK	2024-25	SCIE	http://dx.doi.org/10.1080/17597269.2024.2401223

134	Journal	Kumar, Sachin	Design of a high gain self-triplexing directive antenna using SIW leaky wave technique	INT J COMMUN SYST	2024-25	SCIE	http://dx.doi.org/10.1002/dac.5972
135	Journal	Sharma, Ankit	Compact dual-band dual sense circularly polarized flexible antenna with polarization rotation metasurface for off-body communications	INT J ELECTRON	2024-25	SCIE	http://dx.doi.org/10.1080/00207217.2024.2388235
136	Journal	Sharma, Ankit	Characterization and performance enhancement of 4 x 4 microstrip antenna array in dusty atmosphere using metasurface based superstrate	MEASUREMENT	2024-25	SCIE	http://dx.doi.org/10.1016/j.measurement.2024.114736
137	Journal	Kumar, Ashish	Erosion behavior of Al-SiC and Al-WC MMCs via powder metallurgy under solid particle impingement	SCI REP-UK	2024-25	SCIE	http://dx.doi.org/10.1038/s41598-024-71368-5
138	Journal	Nirala, A., Khan, Mohammad Amir	Investigation on pyrolysis behavior and kinetic analysis of banana tree bark and coal blends in blast furnace injection	BIOMASS CONVERS BIOR	2024-25	SCIE	http://dx.doi.org/10.1007/s13399-024-06032-z
139	Journal	Yadav, Avinash Kumar	Hermite polynomials linking Sẑ;sz-Durrmeyer operators	COMPUT APPL MATH	2024-25	SCIE	http://dx.doi.org/10.1007/s40314-024-02752-0
140	Journal	Mohammad Amir Khan	Designing of an effective e-learning website using inter-valued fuzzy hybrid MCDM concept: A pedagogical approach	ALEX ENG J	2024-25	SCIE	http://dx.doi.org/10.1016/j.aej.2024.04.012
141	Journal	Anjum, Ansar Garg, Rajni Kashif, Mohammad	Clayâ€”polymer nanocomposites for effective water treatment: opportunities, challenges, and future prospects	Environmental Monitoring and Assessment	2024-25	SCIE	https://doi.org/10.1007/s10661-024-12823-8
142	Journal	Mallick, Bidyut	Pressure-induced insulator-to-metal transition in few-layer FePS3 at 1.5 GPa	Physical Review B	2024-25	SCIE	https://doi.org/10.1103/PhysRevB.109.235417
143	Journal	Yadav, Avinash Kumar	Sẑ;sz-Beta operators via Hermite Polynomial	Journal of King Saud University - Science	2024-25	SCIE	https://doi.org/10.1016/j.jksus.2024.103120
144	Journal	Kumar, Ashish	Enhancing microstructural, tribological and corrosion responses of Alâ€”Znâ€”Mgâ€”Cu alloy via nano-/micro-Al2O3 particulates	Journal of Materials Science	2024-25	SCIE	https://doi.org/10.1007/s10853-024-09638-w
145	Journal	Kaushik, Jaidev	Multiphase Reduced Iron Oxide Nanoparticles for Hydrogenation of Mono-, Di-, and Tri-Nitrophenols	Industrial and Engineering Chemistry Research	2024-25	SCIE	https://doi.org/10.1021/acs.iecr.4c00254
146	Journal	Kumar, Sachin	Proxy re-encryption with plaintext checkable encryption for integrating digital twins into IIoT	Computers and Electrical Engineering	2024-25	SCIE	https://doi.org/10.1016/j.compeleceng.2024.109164