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| 1. | <u>A comparative analysis of carboxymethyl tamarind kernel gum-based hydrogels for ciprofloxacin delivery</u> | Yadav, P.,
Warkar, S.G.,
Kumar, A. | International Journal of Biological Macromolecules, 282, art. no. 136569. |
| 2. | <u>A Novel Approach for Secure and Efficient VANET Communication: Integrating Clustering, Curve Fitting, and Fog Computing</u> | Devi, A.,
Kait, R.,
Ranga, V. | International Journal of Performability Engineering, 20(9), pp. 572-580. |
| 3. | <u>A novel Shannon entropy-based backward cloud model and cloud K-means clustering</u> | Anjali, Gupta, A. | Journal of Supercomputing, 81(1), art. no. 65. |
| 4. | <u>Alzheimer's disease detection through wavelet-based shifted elliptical local binary pattern</u> | Garg, N.,
Choudhry, M.S.,
Bodade, R.M. | Biomedical Signal Processing and Control, 100, art. no. 107067. |
| 5. | <u>Application of nanomaterials in water purification</u> | Yadav, P.,
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| 6. | <u>Arrhythmia Classification Using Hybrid CNN-LSTM Model</u> | Swaroop, P.,
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Ranjan, R.,
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| 7. | <u>Assessment of Mechanical and Slurry Erosive Behavior on Laser-Textured Stainless Steel (SS410)</u> | Vishnoi, M.,
Murtaza, Q.,
Kumar, P. | Journal of Materials Engineering and Performance. |
| 8. | <u>Augmentation in Performance of Real-Time Balancing and Position Tracking Control for 2-DOF Ball Balancer System Using Intelligent Controllers</u> | Tomar, B.,
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| 9. | <u>Automatic Number Plate Recognition in Hazy Conditions</u> | Bansal, G.,
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| 10. | <u>Beyond a Single Use: Understanding the Longevity and Reusability of Fire Proximity Suits</u> | Dwivedi, S.,
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| 12. | <u>Black Gram Leaf Disease Detection Model Using Combination of Hybrid-cnn Network and Transformer-based Classification Model</u> | Sharma, A.,
Kumar, A. | Lecture Notes in Networks and Systems, 1043 LNNS, pp. 73-85. |
| 13. | <u>Capacitive Nonlinearity of GFET Compact Model in Quasi-Ballistic Regime for High-Frequency Applications</u> | Munindra,
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| 14. | <u>CNISOGI and LLMF Based Controller Design for Grid-Interactive EV Chargers in Wide Voltage Range Scenarios</u> | Yadav, G.,
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| 15. | <u>Combating Toxicity on the Internet: An Efficient HateSwarm Algorithm for Classifying Hate Speech</u> | Anjum, Katarya, R. | Communications in Computer and Information Science, 2185 CCIS, pp. 190-201. |



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| 16. | <u>Comparative Analysis of Transfer Learning Techniques for Enhanced Fault Detection in Solar Photovoltaic Modules</u> | Aman, R.,
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| 17. | <u>Correction to: Evaluation of tribological parameters for boron carbide and graphite infused aluminium hybrid composite fabricated by stir casting technique (Scientific Reports, (2024), 14, 1, (23303), 10.1038/s41598-024-73877-9) (Open Access)</u> | Thakur, A.,
Murtaza, Q.,
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| 18. | <u>Cosmological test of dark energy parametrizations within the framework of Horava-Lifshitz gravity via baryon acoustic oscillation</u> | Chaudhary, H.,
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| 19. | <u>Covid-19 Detection using Organic LED and Photo Diode based sensor device</u> | Yadav, S.,
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| 20. | <u>Data-Driven Approaches-Based Microwave Filter Tuning—A Review</u> | Sekhri, E.,
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| 22. | <u>Development and evaluation of gelatin/polyacrylamide/carboxymethyl tamarind kernel gum hydrogel for delivery of ampicillin sodium</u> | Kumari, T.,
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| 23. | <u>Development and Validation of Spiritual Well-Being Scale in India: A Yogic Niyama Perspective</u> | Garg, N. | Journal of Religion and Health. |
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| 25. | <u>Dielectric modulated 4 H-SiC source triple metal gate-all-around silicon carbide FET (DM-TMGAA-SiCFET) biosensor for label-free biomolecule detection</u> | Yadav, S.,
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| 27. | <u>EEG Graph-Based Disease Analysis: A Novel Approach to Neurological Disorder Diagnosis</u> | Radhika, R.,
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| 28. | <u>Efficient feature selection for histopathological image classification with improved multi-objective WOA (Open Access)</u> | Sharma, R.,
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| 29. | <u>Embryonic and Early Larval Development of Snow Trout Schizothorax richardsonii (Grey): A Research Note</u> | Ngasainao, M.R.,
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| 30. | <u>Empirical Validation of Software Defect Prediction Models Using Grid Search Gray Wolf Optimization</u> | Malhotra, R.,
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| 32. | <u>Enhanced absorption in SnS/SnSe, SnS/ZnS, and SnS/ZnSe vdW heterostructures for optoelectronic applications: DFT insights</u> | Raturi, A.,
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| 33. | <u>Environmental sustainability, energy efficiency and uncertainty analysis of agricultural residue-based bioethanol production: A comprehensive life cycle assessment study</u> | Patel, K.,
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| 34. | <u>Fabrication and evaluation of eicosane/poly(styrene-co-butylacrylate) microencapsulated phase change materials through ultrasonicated mini-emulsion technique</u> | Varshney, G.,
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| 35. | <u>Filter Based Saturated Controller for a class of nonlinear Singularly Perturbed System</u> | Prasad, D.,
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| 37. | <u>Generalization of parametric Baskakov operators based on the I-P-E distribution</u> | Neha, Deo, N. | Filomat, 38(14), pp. 4863-4876. |
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| 38. | <u>Harnessing Brainwave Entrainment: A Non-invasive Strategy To Alleviate Neurological Disorder Symptoms</u> | Sahu, M.,
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| 39. | <u>Higher order differential subordinations for certain starlike functions</u> | Kumar, S.S.,
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| 40. | <u>Highly Sensitive Graded Index PCF-Based Refractometric SPR Sensor Offering Enhanced FOM</u> | Khamaru, A.,
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| 42. | <u>Impact of economic and socio-political risk factors on sovereign credit ratings</u> | Goel, A.,
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| 43. | <u>Implementation of Subject Specific Model and General Model using Bayesian Algorithm and Compare their Performance</u> | Jain, L.,
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| 45. | <u>Insights into the multifaceted roles of soil microbes in mitigating abiotic stress in crop plants: A review</u> | Singh, M.,
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| 47. | <u>Ionic liquids for stability of ker6, a potential keratinase for human hair keratin extraction</u> | Rai, P.,
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| 48. | <u>IoT-Enabled Systems for E-Waste Monitoring and Recycling</u> | Kumar, A.,
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| 49. | <u>Majorization for starlike and convex functions with respect to conjugate points (Open Access)</u> | Gangania, K.,
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| 50. | <u>Marine degradable plastic and their applications</u> | Dahiya, S.,
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| 52. | <u>MICROSTRUCTURE and WEAR BEHAVIOR CHARACTERIZATION of STIR-CAST ALUMINUM 6063 ALLOY and ITS FOAM: A COMPARATIVE STUDY</u> | Nawaz, A.,
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| 53. | <u>Modelling of PID-based Closed-Loop Voltage Mode Control for Cuk Converter with Circuit Parasitics</u> | Shandilya, P.S.,
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| 55. | <u>Multi-step optimization for reconfiguration of solar PV array for optimal shade dispersion</u> | Jain, V., Singh, R.,
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| 63. | <u>Performance Improvement Techniques for High-Speed Dynamic Latch Comparator at 45-nm Technology Node</u> | Jindal, E.,
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| 65. | <u>Predicting Wealth Score from Remote Sensing Satellite Images and Household Survey Data Using Deep Learning</u> | Shekhar, S.,
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| 68. | <u>Real Time Pricing Algorithm Considering EV Charging Station Queuing</u> | Farman, M.,
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