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Iron based metal–organic frameworks MIL-53 (Fe): A comprehensive review on advanced synthesis strategies and photocatalytic energy & environmental applications

Sahoo, U., Pattnayak, S., Choudhury, S., ...Padhiari, S., Hota, G.

***Inorganica Chimica Acta*, 2026**

Article • *Open access*

Design and Validation of an Explainable Artificial Intelligence–Based Decision Intelligence Model for Cyber Risk–Aware Quality Systems and Ethical Human Resource Management: Investigating the Moderating Influence of Corporate Social Responsibility in Digitally Transformed Organizations

Manickam, R., Vanitha, C.L., Xudaynazarova, S., ...Nematovich, K.I., Fakhriddin, I.B.

***Quality Access to Success*, 2026**

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Hybrid Starfish Optimization and Graph Attention Fusion Network for efficient energy management in photovoltaic-integrated smart grids

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***Journal of Energy Storage*, 2026**

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Enhanced water quality index prediction using a dual-key convolutional transformer autoencoder network integrating with poplar optimization

Maruthamuthu, R., Balamurugan, S., Naveen Kumar, N., Devi, P.P., Dinesh Kumar, K.K.

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Intelligent Machine Learning Strategies for Minimizing Machining Power in Minimum Quantity Lubrication Machining of Ti6Al4V Alloy

Sarma, D., Ozah, R., Borah, J., Chandrasekaran, M., Sahoo, A.K.

***Journal of Materials Engineering and Performance*, 2025**

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A Scalable Machine Learning Framework for Hydrological Water Quality Monitoring Using Physicochemical and Microbial Parameters

Bhowmik, P.N., Saini, K., Nunna, T.S.P., Anand, P., Ateş, B.

***Water Switzerland*, 2025**

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Optimizing energy systems using machine learning and artificial intelligence

Nalli, P.K., Manikandan, K.P., Padmapriya, G., ...Talukdar, N., Premkumar, R.

Integrating Artificial Intelligence into the Energy Sector, 2025

Book Chapter

Factors influencing customers' inclination to buy green products: An indian perspective

Goyathri, P., Balamurugan, J., Gowthami, M., ...Karthick, R., Selvan, R.S.

Elevating Brand Loyalty with Optimized Marketing Analytics and AI, 2025

Book

Smart Factories for Industry 5.0 Transformation

Nidhya, R., Kumar, M.R.M., Subburathinam, K.V., Anand, R., Balamurugan, S.

Smart Factories for Industry 5 0 Transformation, 2025

Conference Paper

Grid-Connected PV Array and Battery Storage-Based EV Charging Station Using FOPID Control Strategy

Arapirala, V.P.K., Kamal Basha, C., Vineela, R., ...Pavani, Y., Reddy, V.P.T.

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Probabilistic Prediction of Compressive Strength and Structural Performance of Concrete Specimens Enhanced with Carbon Nanotube–Stainless Steel Fibers Using Monte Carlo Simulation and FEM

Singh, S.D., Anand, P., Kontoni, D.P.N., Sudheer Kumar, Y.

Journal of Materials Engineering and Performance, 2025

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From Vision to Impact: Reflections and Roadmaps From IEEE's NANO CRHES 2024 Summer School

Jayaprakasan, V., Kumar, C., Lodi, M.B., Pierantoni, L., Sivasubramani, S.

IEEE Nanotechnology Magazine, 2025

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Breaking the Digital Grip: AI Models for Evaluating the Internet and Mobile Addiction Across All Age Groups

Dhanalakshmi, R., Sanjana, R.R., Reddy, Y.T.K., Samad, S.A., Thorun, P.

Proceedings of the 6th International Conference on Inventive Research in Computing Applications Icirca 2025, 2025

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Implementation of an Intelligent Battery Management System using Fuzzy Logic and Adaptive Neural Networks

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AgriNexus: A Next-Gen IoT-Driven Autonomous Ecosystem for Smart Agriculture

Pitta, S., Amirthayogom, G., Rebecca, A.S., ...Sundar, R.S.S., Arunkumar, G.

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AI-Driven Optimization of Nano-modified Bitumen: CO₂ reduction Efficiency Through Machine Learning and Optimization Framework

Bhowmik, P.N., Saini, K., Anand, P.

International Journal of Pavement Research and Technology, 2025

Conference Paper

Energy-Efficient Smart Grid Management Using IoT Sensors and Support Vector Regression

Syed Musthafa, A., Janarthanan, V., Jenifa, G., ...Vadivel, T., Fathima, H.

Proceedings 3rd International Conference on Artificial Intelligence and Machine Learning Applications Healthcare and Internet of Things Aimla 2025, 2025

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Innovative approaches to sustainable construction: a detailed study of rice husk ash as an eco-friendly substitute in cement production

Indumathi, M., Nakkeeran, G., Roy, D., Gupta, S.K., Alaneme, G.U.

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Economic growth study and inferences from developments in e-mobility

Sharada Prasad, N., Goritiyal, C., Ramana, N.V., ...Sukania, P., Sampath, B.

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Journal of Environmental Protection and Ecology, 2024

Conference Paper

Impact of High Renewable Energy Integration on Power Quality: Voltage and Current Distortion in Electrical Systems

Babu, B.S., Vijayakumar, B., Sivakumar, A., ...Joshuva, A.D., Venkatesh, R.

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Analysis of Corporation Trends in Environmental Protection Using VOS Viewer

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Article

Investigation on turning process performance during machining of IS-5PH stainless steel material with eco-friendly machining technique

Sivaiah, P., Sudheera, M., Singh, M.M., ...Narasimhamu, K.L., Dilip Kumar, M.

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***Journal of King Saud University Science*, 2021**

Review

Identifying the effectiveness of manner of cryogenic coolant supply in different cryogenic cooling techniques in turning process—a review

Sivaiah, P., Dupadu, C.

***Machining Science and Technology*, 2020**

Article

Performance measurement of medicines delivery of pharmaceutical companies under chain of sustainable procurement

Sahu, K., Sahu, A.K.

***International Journal of Social Ecology and Sustainable Development*, 2019**

Article

Performance improvement of cryogenic turning process during machining of 17-4 PH stainless steel using multi objective optimization techniques

Sivaiah, P., Dupadu, C.

***Measurement Journal of the International Measurement Confederation*, 2019**

Article

Modeling and optimization of sustainable manufacturing process in machining of 17-4 PH stainless steel

Sivaiah, P., Dupadu, C.

Measurement Journal of the International Measurement Confederation, 2019

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Green supply chain management assessment under chains of uncertain indices: An intellectual approach

Sahu, N.K., Sahu, A.K., Sahu, A.K.

Journal of Modelling in Management, 2018

Article

Performance modeling and benchmarking of green supply chain management: An integrated fuzzy approach

Sahu, A.K., Narang, H.K., Rajput, M.S., Sahu, N.K., Sahu, A.K.

Benchmarking, 2018

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Effect of cryogenic coolant on turning performance characteristics during machining of 17-4 PH stainless steel: A comparison with MQL, wet, dry machining

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CIRP Journal of Manufacturing Science and Technology, 2018

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[Comparative Performance Analysis of Gr and MoS₂ Solid Lubricants During High-Temperature Dry Sliding Wear Behavior of Al2618-Based Hybrid MMCs](#)

Divakar, M.H., Basavarajappa, S., Joshi, A.G.

Journal of The Institution of Engineers (India): Series D, 2024

Book Chapter

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Sharada Prasad, N., Goritiyal, C., Ramana, N.V., ...Sukania, P., Sampath, B.

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Article

Leveraging deep learning models for continuous glucose monitoring and prediction in diabetes management: towards enhanced blood sugar control

Mohamed Yousuff, A.R., Zainulabedin Hasan, M., Anand, R., Rajasekhara Babu, M.

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Article

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Reddy, R., Gaffar, S.A.

***International Journal of Applied and Computational Mathematics*, 2024**

Erratum

Corrigendum to "Effectiveness of CFS web cleat bolted connections between beam-to-column" [Structures 33 (2021) 3269–3283, (S2352012421005725), (10.1016/j.istruc.2021.06.067)]

Natesan, V., Shanmugasundaram, B., Sekar, M., Madhavan, M.

***Structures*, 2024**

Book Chapter

An analysis of AI in healthcare: A comprehensive study on India

Dilip, R., Deepti, V., Mahadev, S., ...Manasa,, Pramanik, S.

***Biomedical Research Developments for Improved Healthcare*, 2024**

Article

Characterization and prediction of southwest monsoon rainfall patterns in Central India as a linear state space modeling

Narasimha Murthy, K.V., Saravana, R., Vijaya Kumar, K.

***Natural Hazards*, 2024**

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Palani, M., Fathima, S.N.

Vietnam Journal of Mathematics, 2024

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Allagi, S., Pawan, T., Mainalli, K., Dharwadkar, N.V.

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Unveiling AI Patterns: An Experimental Evaluation of Machine Learning based Women's Safety Prediction Strategy

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Association Between Demographic Factors and Internet Banking Usage

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Conference Paper

Development of Intensity-Duration-Frequency (IDF) Curve for Extreme Flood Evaluation for Holeta Town, Ethiopia

Chali, W.E., Kumar, B., Roy, D.

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Indian Sign Language Detection Using Deep Learning

Srikantaroo, S., Vosuri, N., Edagotti, J., Saqlain Ur Rahaman, S.M., Asharf, S.M.

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Article

Experimental investigation of thermal performance, kinetic triplets, and synergistic effect for bamboo-waste plastic (PP & PE) blends using thermogravimetric analyser in N₂ atmosphere

Pattanayak, S., Loha, C., Singh, R.K., Saha, D.

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A comprehensive approach of hydrological issues related to ground water using GIS in the Hindu holy city of Gaya, India

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SDGs Gender Equality Analysis in India by using SHAP Interpretation

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Reduction of dimensions of Customer Satisfaction in Food Delivery Apps using Confirmatory Factor Analysis

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Detecting Diseases in Potato Leaves using Deep Learning and Machine Learning Approaches: A Review

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(S0263822318344763)(10.1016/j.compstruct.2019.03.002)

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Journal of Optics (India), 2020

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