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ADMINISTRATIVE POSITIONS

2018-07-18 - 2025-02-02

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PUBLICATIONS (57)

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RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	13
Citations (Scopus)	0
Citations (GS)	1430
Documents (Scopus)	0
Documents (GS)	57



- Bearing condition monitoring: A review of feature extraction in temporal and spectral, and joint temporal-spectral domain**
Diagnostyka, 1-17, 2026 | 2026
- A computational fluid dynamics based study of the thermal hydraulic performance of shell and tube heat exchanger integrated with metal foam**
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- Streamflow Simulation Based on Pre-Processing-Based Hybrid Model: SSA-AR Model**
Water Resources Management 40, 314, 2026 | 2026
- Experimental Investigation of the Passive Way Performance on Portable Home Generator Noise**
Journal of Engineering and Sustainable Development 30 (1), 75-82, 2026 | 2026
- Predicting Temperatures in an Extreme Climatic Environment Using Hybrid Neural Networks: Evaluating Noise Robustness**
Civil Engineering Journal 12 (05), 2026 | 2026
- Numerical Investigation on the Performance of Shell and Tube Heat Exchanger With Different Porous Baffles Configurations**
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- A Numerical Investigation of the Thermal Performance of a Double Pipe Heat Exchanger with Copper Foam Baffles**
International Journal of Renewable Energy Research (IJRER) 15 (3), 461-469, 2025 | 2025 | Cited: 1
- Metaheuristic algorithms applied in ANN salinity modelling**
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- Functionally graded porous plate reinforced by carbon nanotubes subjected to low-velocity impact: an analytical and numerical analysis**
Pigment & Resin Technology 53 (2), 226-239, 2024 | 2024 | Cited: 5
- Effect of Metal Foam's Volume on the Performance of a Double Pipe heat exchanger**
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- Forecasting urban water demand using different hybrid-based metaheuristic algorithms' inspire for extracting artificial neural network hyperparameters**
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- Influence of fin thickness variation on the thermal performance of metallic foam heat sink laminar condition**
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- Developing a hybrid model for accurate short-term water demand prediction under extreme weather conditions: a case study in Melbourne, Australia**
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- An experimental study of noise reduction of portable generator using local made acoustic enclosure**
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- Assessing the benefits of nature-inspired algorithms for the parameterization of ANN in the prediction of water demand**
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17. **A novel methodology to predict monthly municipal water demand based on weather variables scenario**
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18. **A CPSOCSGA-tuned neural processor for forecasting river water salinity: Euphrates river, Iraq**
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19. **Numerical and experimental thermal performance of forced convection in metal foam heat sinks**
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20. **Tuning ANN hyperparameters by CPSOCSGA, MPA, and SMA for short-term SPI drought forecasting**
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21. **Simulating a stochastic signal of urban water demand by a novel combination of data analytic and machine learning techniques**
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22. **Prediction and forecasting of maximum weather temperature using a linear autoregressive model**
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23. **Statistical evaluation of vertical and lateral temperature gradients in concrete box-girders**
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24. **Updated Moving Forecasting Model of Air Maximum Temperature**
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25. **Forecasting of Air Maximum Temperature on Monthly Basis Using Singular Spectrum Analysis and Linear Autoregressive Model**
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Journal of Thermal Engineering 11 (1), 196-214, 2021 | 2021 | Cited: 4
27. **Diagnosing of air compressor faults using frequency data driven approach**
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32. **Redesign the front shape of the sedan car for pedestrian safety and mitigating leg injuries at accidents**
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33. **Forecasting of monthly stochastic signal of urban water demand: Baghdad as a case study**
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38. **Hybridised artificial neural network model with slime mould algorithm: a novel methodology for prediction of urban stochastic water demand**
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39. **The prediction of municipal water demand in Iraq: a case study of Baghdad governorate**
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40. **Optimization of Process Parameters of Friction Stir Welding by Taguchi Method**
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41. **Data-driven methods for vibration-based monitoring based on singular spectrum analysis**
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42. **A Novel approach for predicting monthly water demand by combining singular spectrum analysis with neural networks**
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43. **Short-term water demand prediction in residential complexes: Case study in Columbia city, USA**
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52. **Vibration-based health monitoring approach for composite structures using multivariate statistical analysis**
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54. **Transient response of rotor system under different startup speed profiles**
Education 2015, 2012 | 2012 | Cited: 4
55. **Redesign the Front Shape of the Sedan Car for Pedestrian Safety and Mitigating Leg Injuries at Accidents Redesign the Front Shape of the Sedan Car for Pedestrian Safety and ...;**
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56. **Results in Engineering**
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57. **Estimation of rotor effective wind speeds using autoregressive models on Lidar data**
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