

# Sarmad Dashti Latif

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

485  
citations

623734

14  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

185  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Solar radiation prediction using boosted decision tree regression model: A case study in Malaysia. Environmental Science and Pollution Research, 2021, 28, 26571-26583.  | 5.3 | 54        |
| 2  | Design of a hybrid ANN multi-objective whale algorithm for suspended sediment load prediction. Environmental Science and Pollution Research, 2021, 28, 1596-1611.  | 5.3 | 49        |
| 3  | Surface water quality status and prediction during movement control operation order under COVID-19 pandemic: Case studies in Malaysia. International Journal of Environmental Science and Technology, 2021, 18, 1009-1018.             | 3.5 | 43        |
| 4  | Predicting crop yields using a new robust Bayesian averaging model based on multiple hybrid ANFIS and MLP models. Ain Shams Engineering Journal, 2022, 13, 101724.   | 6.1 | 38        |
| 5  | Concrete compressive strength prediction modeling utilizing deep learning long short-term memory algorithm for a sustainable environment. Environmental Science and Pollution Research, 2021, 28, 30294-30302.                         | 5.3 | 35        |
| 6  | Performance improvement for infiltration rate prediction using hybridized Adaptive Neuro-Fuzzy Inferences System (ANFIS) with optimization algorithms. Ain Shams Engineering Journal, 2021, 12, 1665-1676.                             | 6.1 | 29        |
| 7  | Evaluation of deep learning algorithm for inflow forecasting: a case study of Durian Tunggal Reservoir, Peninsular Malaysia. Natural Hazards, 2021, 109, 351-369.  | 3.4 | 27        |
| 8  | Reservoir water balance simulation model utilizing machine learning algorithm. AEJ - Alexandria Engineering Journal, 2021, 60, 1365-1378.  | 6.4 | 25        |
| 9  | Predictive modelling of piezometric head and seepage discharge in earth dam using soft computational models. Environmental Science and Pollution Research, 2021, 28, 60842-60856.  | 5.3 | 24        |
| 10 | Application of Artificial Neural Network for Forecasting Nitrate Concentration as a Water Quality Parameter: A Case Study of Feitsui Reservoir, Taiwan. International Journal of Design and Nature and Ecodynamics, 2020, 15, 647-652. | 0.5 | 24        |
| 11 | Pipeline Scour Rates Prediction-Based Model Utilizing a Multilayer Perceptron-Colliding Body Algorithm. Water (Switzerland), 2020, 12, 902.  | 2.7 | 23        |
| 12 | Development of prediction model for phosphate in reservoir water system based machine learning algorithms. Ain Shams Engineering Journal, 2022, 13, 101523.  | 6.1 | 20        |
| 13 | Developing a boosted decision tree regression prediction model as a sustainable tool for compressive strength of environmentally friendly concrete. Environmental Science and Pollution Research, 2021, 28, 65935-65944.               | 5.3 | 18        |
| 14 | Machine learning algorithm as a sustainable tool for dissolved oxygen prediction: a case study of Feitsui Reservoir, Taiwan. Scientific Reports, 2022, 12, 3649.   | 3.3 | 15        |
| 15 | Application of Deep Learning Method for Daily Streamflow Time-Series Prediction: A Case Study of the Kowmung River at Cedar Ford, Australia. International Journal of Sustainable Development and Planning, 2021, 16, 497-501.         | 0.7 | 14        |
| 16 | Time-Series Prediction of Sea Level Change in the East Coast of Peninsular Malaysia from the Supervised Learning Approach. International Journal of Design and Nature and Ecodynamics, 2020, 15, 409-415.                              | 0.5 | 14        |
| 17 | Optimizing the Operation Release Policy Using Charged System Search Algorithm: A Case Study of Klang Gates Dam, Malaysia. Sustainability, 2021, 13, 5900.  | 3.2 | 9         |
| 18 | Fault Detection of Bearing using Support Vector Machine-SVM. , 2020, , .   |     | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Implementation of Value Engineering in Optimizing Project Cost for Sustainable Energy Infrastructure Asset Development. International Journal of Sustainable Development and Planning, 2020, 15, 1045-1057. | 0.7 | 4         |
| 20 | Prognostication of scour around twin and three piers using efficient outlier robust extreme learning machine. Environmental Science and Pollution Research, 2022, 29, 74526-74539.                          | 5.3 | 4         |
| 21 | Technical Improvement of Air Pollution Through Fossil Power Plant Waste Management. International Journal of Engineering and Manufacturing, 2020, 10, 43-53.  | 0.7 | 3         |
| 22 | Optimal operation of hydropower reservoirs under climate change. Environment, Development and Sustainability, 2023, 25, 10627-10659.  | 5.0 | 3         |
| 23 | Design of Horizontal and Vertical Alignment for the Centerline of a Federal Highway. International Journal of Engineering and Manufacturing, 2020, 10, 27-42.   | 0.7 | 1         |
| 24 | Optimization model for cost estimation of decentralized wastewater treatment units. Ain Shams Engineering Journal, 2022, 13, 101751.  | 6.1 | 1         |
| 25 | Assessment of groundwater vulnerability using remote sensing, susceptibility index, and WetSpss model in an arid region (Biskra, SE Algeria). Environmental Monitoring and Assessment, 2022, 194, .         | 2.7 | 1         |