Sarmad Dashti Latif

List of Publications by Year
in descending order

25	485	623734	713466
papers	citations	14	21
		h-index	g-index

25	25	25	185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal operation of hydropower reservoirs under climate change. Environment, Development and Sustainability, 2023, 25, 10627-10659.	5.0	3
2	Development of prediction model for phosphate in reservoir water system based machine learning algorithms. Ain Shams Engineering Journal, 2022, 13, 101523.	6.1	20
3	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
4	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
5	Optimization model for cost estimation of decentralized wastewater treatment units. Ain Shams Engineering Journal, 2022, 13, 101751.	6.1	1
6	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
7	Assessment of groundwater vulnerability using remote sensing, susceptibility index, and WetSpass model in an arid region (Biskra, SE Algeria). Environmental Monitoring and Assessment, 2022, 194, .	2.7	1
8	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
9	Reservoir water balance simulation model utilizing machine learning algorithm. AEJ - Alexandria Engineering Journal, 2021, 60, 1365-1378.	6.4	25
10	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
11	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
12	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
13	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
14	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
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	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
17	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
18	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

#	Article	IF	Citations
19	Fault Detection of Bearing using Support Vector Machine-SVM. , 2020, , .		7
20	Pipeline Scour Rates Prediction-Based Model Utilizing a Multilayer Perceptron-Colliding Body Algorithm. Water (Switzerland), 2020, 12, 902.	2.7	23
21	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
22	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
23	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
24	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
25	Technical Improvement of Air Pollution Through Fossil Power Plant Waste Management. International Journal of Engineering and Manufacturing, 2020, 10, 43-53.	0.7	3