Armin Azad

List of Publications by Year
in descending order

22 papers	805 citations	623574 14 h-index	677027 22 g-index
22 all docs	22 docs citations	22 times ranked	637 citing authors

#	Article	IF	Citations
1	Flow Direction Algorithm (FDA): A Novel Optimization Approach for Solving Optimization Problems. Computers and Industrial Engineering, 2021, 156, 107224.	3.4	135
2	Prediction of Water Quality Parameters Using ANFIS Optimized by Intelligence Algorithms (Case Study:) Tj ETQq0 0.0 rgBT /Overlock 10	0.9	79
3	Comparative evaluation of intelligent algorithms to improve adaptive neuro-fuzzy inference system performance in precipitation modelling. Journal of Hydrology, 2019, 571, 214-224.	2.3	78
4	Hybrid ANFISâ€"PSO approach for predicting optimum parameters of a protective spur dike. Applied Soft Computing Journal, 2015, 30, 642-649.	4.1	70
5	Uncertainty Analysis of Climate Change Impacts on Flood Frequency by Using Hybrid Machine Learning Methods. Water Resources Management, 2021, 35, 199-223.	1.9	68
6	Modeling Groundwater Quality Parameters Using Hybrid Neuro-Fuzzy Methods. Water Resources Management, 2019, 33, 847-861.	1.9	64
7	Modeling river water quality parameters using modified adaptive neuro fuzzy inference system. Water Science and Engineering, 2019, 12, 45-54.	1.4	52
8	Effect of zeolite and pumice powders on the environmental and physical characteristics of green concrete filters. Construction and Building Materials, 2020, 240, 117931.	3.2	33
9	Prediction of river flow using hybrid neuro-fuzzy models. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	32
10	Design of water supply system from rivers using artificial intelligence to model water hammer. ISH Journal of Hydraulic Engineering, 2020, 26, 153-162.	1.1	25
11	Novel approaches for air temperature prediction: A comparison of four hybrid evolutionary fuzzy models. Meteorological Applications, 2020, 27, e1817.	0.9	24
12	Predicting optimum parameters of a protective spur dike using soft computing methodologies â€" A comparative study. Computers and Fluids, 2014, 97, 168-176.	1.3	22
13	Investigation of neural network and fuzzy inference neural network and their optimization using meta-algorithms in river flood routing. Natural Hazards, 2018, 94, 1057-1080.	1.6	21
14	Municipal Wastewater pretreatment using porous concrete containing fine-grained mineral adsorbents. Journal of Water Process Engineering, 2020, 36, 101346.	2.6	19
15	Approaches for Optimizing the Performance of Adaptive Neuro-Fuzzy Inference System and Least-Squares Support Vector Machine in Precipitation Modeling. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	16
16	Experimental Investigation of the Effect of Adding LECA and Pumice on Some Physical Properties of Porous Concrete. Engineering Journal, 2018, 22, 205-213.	0.5	13
17	A Novel Approach for Estimation of Sediment Load in Dam Reservoir With Hybrid Intelligent Algorithms. Frontiers in Environmental Science, 2022, 10, .	1.5	13
18	The effect of vermiculite and quartz in porous concrete on reducing storm-runoff pollution. ISH Journal of Hydraulic Engineering, 2021, 27, 144-152.	1.1	12

#	Article	IF	Citations
19	Application of Talc as an Eco-Friendly Additive to Improve the Structural Behavior of Porous Concrete. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2019, 43, 443-453.	1.0	10
20	Properties of metakaolin-based green pervious concrete cured in cold and normal weather conditions. European Journal of Environmental and Civil Engineering, 2022, 26, 2074-2087.	1.0	9
21	Using Waste Vermiculite and Dolomite as Eco-Friendly Additives for Improving the Performance of Porous Concrete. Engineering Journal, 2018, 22, 87-104.	0.5	6
22	Introducing affordable and accessible physical covers to reduce evaporation from agricultural water reservoirs and pools (field study, statistics, and intelligent methods). Arabian Journal of Geosciences, 2021, 14, 1.	0.6	4