

# Armin Azad

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

805  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of metakaolin-based green pervious concrete cured in cold and normal weather conditions. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 2074-2087.	2.1	9
2	A Novel Approach for Estimation of Sediment Load in Dam Reservoir With Hybrid Intelligent Algorithms. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	13
3	The effect of vermiculite and quartz in porous concrete on reducing storm-runoff pollution. <i>ISH Journal of Hydraulic Engineering</i> , 2021, 27, 144-152.	2.1	12
4	Uncertainty Analysis of Climate Change Impacts on Flood Frequency by Using Hybrid Machine Learning Methods. <i>Water Resources Management</i> , 2021, 35, 199-223.	3.9	68
5	Approaches for Optimizing the Performance of Adaptive Neuro-Fuzzy Inference System and Least-Squares Support Vector Machine in Precipitation Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, .	1.9	16
6	Flow Direction Algorithm (FDA): A Novel Optimization Approach for Solving Optimization Problems. <i>Computers and Industrial Engineering</i> , 2021, 156, 107224.	6.3	135
7	Introducing affordable and accessible physical covers to reduce evaporation from agricultural water reservoirs and pools (field study, statistics, and intelligent methods). <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	4
8	Design of water supply system from rivers using artificial intelligence to model water hammer. <i>ISH Journal of Hydraulic Engineering</i> , 2020, 26, 153-162.	2.1	25
9	Novel approaches for air temperature prediction: A comparison of four hybrid evolutionary fuzzy models. <i>Meteorological Applications</i> , 2020, 27, e1817.	2.1	24
10	Effect of zeolite and pumice powders on the environmental and physical characteristics of green concrete filters. <i>Construction and Building Materials</i> , 2020, 240, 117931.	7.2	33
11	Municipal Wastewater pretreatment using porous concrete containing fine-grained mineral adsorbents. <i>Journal of Water Process Engineering</i> , 2020, 36, 101346.	5.6	19
12	Modeling river water quality parameters using modified adaptive neuro fuzzy inference system. <i>Water Science and Engineering</i> , 2019, 12, 45-54.	3.2	52
13	Comparative evaluation of intelligent algorithms to improve adaptive neuro-fuzzy inference system performance in precipitation modelling. <i>Journal of Hydrology</i> , 2019, 571, 214-224.	5.4	78
14	Modeling Groundwater Quality Parameters Using Hybrid Neuro-Fuzzy Methods. <i>Water Resources Management</i> , 2019, 33, 847-861.	3.9	64
15	Application of Talc as an Eco-Friendly Additive to Improve the Structural Behavior of Porous Concrete. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2019, 43, 443-453.	1.9	10
16	Prediction of Water Quality Parameters Using ANFIS Optimized by Intelligence Algorithms (Case Study:) Tj ETQq0 Q 0 rgBT / Overlock 10	1.9	79
17	Prediction of river flow using hybrid neuro-fuzzy models. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	32
18	Investigation of neural network and fuzzy inference neural network and their optimization using meta-algorithms in river flood routing. <i>Natural Hazards</i> , 2018, 94, 1057-1080.	3.4	21

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation of the Effect of Adding LECA and Pumice on Some Physical Properties of Porous Concrete. Engineering Journal, 2018, 22, 205-213.	1.0	13
20	Using Waste Vermiculite and Dolomite as Eco-Friendly Additives for Improving the Performance of Porous Concrete. Engineering Journal, 2018, 22, 87-104.	1.0	6
21	Hybrid ANFISâ€‘PSO approach for predicting optimum parameters of a protective spur dike. Applied Soft Computing Journal, 2015, 30, 642-649.	7.2	70
22	Predicting optimum parameters of a protective spur dike using soft computing methodologies â€‘ A comparative study. Computers and Fluids, 2014, 97, 168-176.	2.5	22