

# Mahmood Akbari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3027089/publications.pdf>

Version: 2024-02-01

12  
papers

393  
citations

1039406

9  
h-index

1281420

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple linear regression, artificial neural network, and fuzzy logic prediction of 28 days compressive strength of concrete. <i>Frontiers of Structural and Civil Engineering</i> , 2017, 11, 90-99.	1.2	192
2	Evaluation of data-driven models for predicting the service life of concrete sewer pipes subjected to corrosion. <i>Journal of Environmental Management</i> , 2019, 234, 431-439.	3.8	47
3	Clustered K Nearest Neighbor Algorithm for Daily Inflow Forecasting. <i>Water Resources Management</i> , 2011, 25, 1341-1357.	1.9	40
4	Simultaneous Layout and Size Optimization of Water Distribution Networks: Engineering Approach. <i>Journal of Infrastructure Systems</i> , 2005, 11, 221-230.	1.0	24
5	Optimum mix design of recycled concrete based on the fresh and hardened properties of concrete. <i>Journal of Building Engineering</i> , 2020, 32, 101483.	1.6	23
6	Data driven models for compressive strength prediction of concrete at high temperatures. <i>Frontiers of Structural and Civil Engineering</i> , 2020, 14, 311-321.	1.2	18
7	Displacement determination of concrete reinforcement building using data-driven models. <i>International Journal of Sustainable Built Environment</i> , 2017, 6, 400-411.	3.2	16
8	Fuzzy Rule Based Models Modification by New Data: Application to Flood Flow Forecasting. <i>Water Resources Management</i> , 2009, 23, 2491-2504.	1.9	13
9	Multi-objective reservoir operation under emergency condition: a case study with non-functional spillways. <i>Journal of Flood Risk Management</i> , 2014, 7, 374-384.	1.6	10
10	Similarity-based error prediction approach for real-time inflow forecasting. <i>Hydrology Research</i> , 2014, 45, 589-602.	1.1	9
11	ANN-Based LUBE Model for Interval Prediction of Compressive Strength of Concrete. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 1225-1235.	1.0	1
12	Closure to "Simultaneous Layout and Size Optimization of Water Distribution Networks: Engineering Approach" by M. H. Afshar, M. Akbari, and M. A. Marino. <i>Journal of Infrastructure Systems</i> , 2009, 15, 137-137.	1.0	0