

# Amir Molajou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22  
papers

415  
citations

14  
h-index

20  
g-index

23  
ext. papers

641  
ext. citations

3.8  
avg, IF

4.5  
L-index

#	Paper	IF	Citations
22	Emotional ANN (EANN) and Wavelet-ANN (WANN) Approaches for Markovian and Seasonal Based Modeling of Rainfall-Runoff Process. <i>Water Resources Management</i> , <b>2018</b> , 32, 3441-3456	3.7	49
21	Hybrid Wavelet-M5 Model Tree for Rainfall-Runoff Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2019</b> , 24, 04019012	1.8	38
20	Application of a hybrid association rules/decision tree model for drought monitoring. <i>Global and Planetary Change</i> , <b>2017</b> , 159, 37-45	4.2	32
19	A Wavelet Based Data Mining Technique for Suspended Sediment Load Modeling. <i>Water Resources Management</i> , <b>2019</b> , 33, 1769-1784	3.7	30
18	A binary genetic programming model for teleconnection identification between global sea surface temperature and local maximum monthly rainfall events. <i>Journal of Hydrology</i> , <b>2017</b> , 555, 397-406	6	29
17	Conjunction of emotional ANN (EANN) and wavelet transform for rainfall-runoff modeling. <i>Journal of Hydroinformatics</i> , <b>2019</b> , 21, 136-152	2.6	28
16	Agent-based socio-hydrological modeling for restoration of Urmia Lake: Application of theory of planned behavior. <i>Journal of Hydrology</i> , <b>2019</b> , 576, 736-748	6	27
15	ANN-based statistical downscaling of climatic parameters using decision tree predictor screening method. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 137, 1729-1746	3	26
14	Threshold-Based Hybrid Data Mining Method for Long-Term Maximum Precipitation Forecasting. <i>Water Resources Management</i> , <b>2017</b> , 31, 2645-2658	3.7	23
13	Data mining based on wavelet and decision tree for rainfall-runoff simulation <b>2019</b> , 50, 75-84		21
12	Emotional artificial neural networks (EANNs) for multi-step ahead prediction of monthly precipitation; case study: northern Cyprus. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 138, 1419-1434	3	18
11	An integrated simulation-optimization framework to optimize the reservoir operation adapted to climate change scenarios. <i>Journal of Hydrology</i> , <b>2020</b> , 587, 125018	6	16
10	A new paradigm of water, food, and energy nexus. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	16
9	Socio-hydrological framework for investigating farmers' activities affecting the shrinkage of Urmia Lake; hybrid data mining and agent-based modelling. <i>Hydrological Sciences Journal</i> , <b>2020</b> , 65, 1249-1261	3.5	14
8	Optimal Design and Feature Selection by Genetic Algorithm for Emotional Artificial Neural Network (EANN) in Rainfall-Runoff Modeling. <i>Water Resources Management</i> , <b>2021</b> , 35, 2369-2384	3.7	14
7	Emotional ANN (EANN): A New Generation of Neural Networks for Hydrological Modeling in IoT. <i>Transactions on Computational Science and Computational Intelligence</i> , <b>2019</b> , 45-61	0.9	10
6	Incorporating Social System into Water-Food-Energy Nexus. <i>Water Resources Management</i> , <b>2021</b> , 35, 2369-2384	3.7	8

5	The conceptual framework to determine interrelations and interactions for holistic Water, Energy, and Food Nexus. <i>Environment, Development and Sustainability</i> ,1	4.5	6
4	Assessing Adaptability of Cyclic and Non-Cyclic Approach to Conjunctive use of Groundwater and Surface water for Sustainable Management Plans under Climate Change. <i>Water Resources Management</i> , <b>2021</b> , 35, 3463-3479	3.7	6
3	A Novel Framework for Urban Flood damage Assessment. <i>Water Resources Management</i> ,1	3.7	3
2	A review on water simulation models for the WEF Nexus: development perspective.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0
1	Decision Tree-Based Conditional Operation Rules for Optimal Conjunctive Use of Surface and Groundwater. <i>Water Resources Management</i> ,1	3.7	0