

# Amir Molajou

## List of Publications by Year in Descending Order

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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	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
21	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
20	A new paradigm of water, food, and energy nexus. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	16
19	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
18	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
17	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
16	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
15	Hybrid Wavelet-M5 Model Tree for Rainfall-Runoff Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2019</b> , 24, 04019012	1.8	38
14	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
13	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
12	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
11	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
10	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
9	Data mining based on wavelet and decision tree for rainfall-runoff simulation <b>2019</b> , 50, 75-84		21
8	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
7	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
6	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

5	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
4	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
3	Incorporating Social System into Water-Food-Energy Nexus. <i>Water Resources Management</i> ,1	3-7	8
2	Decision Tree-Based Conditional Operation Rules for Optimal Conjunctive Use of Surface and Groundwater. <i>Water Resources Management</i> ,1	3-7	0
1	A Novel Framework for Urban Flood damage Assessment. <i>Water Resources Management</i> ,1	3-7	3