

Amir Molajou

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

857
citations

430442

18
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Emotional ANN (EANN) and Wavelet-ANN (WANN) Approaches for Markovian and Seasonal Based Modeling of Rainfall-Runoff Process. <i>Water Resources Management</i> , 2018, 32, 3441-3456.	1.9	65
2	A new paradigm of water, food, and energy nexus. <i>Environmental Science and Pollution Research</i> , 2023, 30, 107487-107497.	2.7	65
3	ANN-based statistical downscaling of climatic parameters using decision tree predictor screening method. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1729-1746.	1.3	58
4	Agent-based socio-hydrological modeling for restoration of Urmia Lake: Application of theory of planned behavior. <i>Journal of Hydrology</i> , 2019, 576, 736-748.	2.3	57
5	Hybrid Wavelet-M5 Model Tree for Rainfall-Runoff Modeling. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	53
6	A Wavelet Based Data Mining Technique for Suspended Sediment Load Modeling. <i>Water Resources Management</i> , 2019, 33, 1769-1784.	1.9	48
7	An integrated simulation-optimization framework to optimize the reservoir operation adapted to climate change scenarios. <i>Journal of Hydrology</i> , 2020, 587, 125018.	2.3	47
8	Optimal Design and Feature Selection by Genetic Algorithm for Emotional Artificial Neural Network (EANN) in Rainfall-Runoff Modeling. <i>Water Resources Management</i> , 2021, 35, 2369-2384.	1.9	46
9	Incorporating Social System into Water-Food-Energy Nexus. <i>Water Resources Management</i> , 2021, 35, 4561-4580.	1.9	46
10	Application of a hybrid association rules/decision tree model for drought monitoring. <i>Global and Planetary Change</i> , 2017, 159, 37-45.	1.6	41
11	Conjunction of emotional ANN (EANN) and wavelet transform for rainfall-runoff modeling. <i>Journal of Hydroinformatics</i> , 2019, 21, 136-152.	1.1	41
12	Data mining based on wavelet and decision tree for rainfall-runoff simulation. <i>Hydrology Research</i> , 2019, 50, 75-84.	1.1	38
13	The conceptual framework to determine interrelations and interactions for holistic Water, Energy, and Food Nexus. <i>Environment, Development and Sustainability</i> , 2022, 24, 10119-10140.	2.7	36
14	Socio-hydrological framework for investigating farmers's activities affecting the shrinkage of Urmia Lake; hybrid data mining and agent-based modelling. <i>Hydrological Sciences Journal</i> , 2020, 65, 1249-1261.	1.2	35
15	A binary genetic programming model for teleconnection identification between global sea surface temperature and local maximum monthly rainfall events. <i>Journal of Hydrology</i> , 2017, 555, 397-406.	2.3	34
16	Emotional artificial neural networks (EANNs) for multi-step ahead prediction of monthly precipitation; case study: northern Cyprus. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1419-1434.	1.3	33
17	Threshold-Based Hybrid Data Mining Method for Long-Term Maximum Precipitation Forecasting. <i>Water Resources Management</i> , 2017, 31, 2645-2658.	1.9	29
18	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> , 2021, 35, 3463-3479.	1.9	23

#	ARTICLE	IF	CITATIONS
19	A review on water simulation models for the WEF Nexus: development perspective. Environmental Science and Pollution Research, 2022, 29, 79769-79785.	2.7	21
20	A Novel Framework for Urban Flood damage Assessment. Water Resources Management, 2022, 36, 1991-2011.	1.9	20
21	Emotional ANN (EANN): A New Generation of Neural Networks for Hydrological Modeling in IoT. Transactions on Computational Science and Computational Intelligence, 2019, , 45-61.	0.3	14
22	Decision Tree-Based Conditional Operation Rules for Optimal Conjunctive Use of Surface and Groundwater. Water Resources Management, 2022, 36, 2013-2025.	1.9	4