

Alireza Moghaddam Nia

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.

25
papers

1,132
citations

14
h-index

26
g-index

26
ext. papers

1,307
ext. citations

3.6
avg. IF

4.27
L-index

#	Paper	IF	Citations
25	Assessment of input variables determination on the SVM model performance using PCA, Gamma test, and forward selection techniques for monthly stream flow prediction. <i>Journal of Hydrology</i> , 2011 , 401, 177-189	6	246
24	Evaporation estimation using artificial neural networks and adaptive neuro-fuzzy inference system techniques. <i>Advances in Water Resources</i> , 2009 , 32, 88-97	4.7	189
23	Daily suspended sediment load prediction using artificial neural networks and support vector machines. <i>Journal of Hydrology</i> , 2013 , 478, 50-62	6	147
22	Application of ANN and ANFIS models for reconstructing missing flow data. <i>Environmental Monitoring and Assessment</i> , 2010 , 166, 421-34	3.1	97
21	Application of Several Data-Driven Techniques for Predicting Groundwater Level. <i>Water Resources Management</i> , 2013 , 27, 419-432	3.7	88
20	Daily Pan Evaporation Modeling in a Hot and Dry Climate. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009 , 14, 803-811	1.8	71
19	Intermittent Streamflow Forecasting by Using Several Data Driven Techniques. <i>Water Resources Management</i> , 2012 , 26, 457-474	3.7	68
18	Identification of homogeneous regions for regionalization of watersheds by two-level self-organizing feature maps. <i>Journal of Hydrology</i> , 2014 , 509, 387-397	6	53
17	A cost-effective and efficient framework to determine water quality monitoring network locations. <i>Science of the Total Environment</i> , 2018 , 624, 283-293	10.2	31
16	Application of NN-ARX Model to Predict Groundwater Levels in the Neishaboor Plain, Iran. <i>Water Resources Management</i> , 2013 , 27, 4773-4794	3.7	28
15	Performance Evaluation of ANN and ANFIS Models for Estimating Garlic Crop Evapotranspiration. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2011 , 137, 280-286	1.1	27
14	Dust storm frequency after the 1999 drought in the Sistan region, Iran. <i>Climate Research</i> , 2010 , 41, 83-90	0.6	25
13	A novel approach for selecting sampling points locations to river water quality monitoring in data-scarce regions. <i>Journal of Hydrology</i> , 2019 , 573, 109-122	6	14
12	Comprehensive evaluation of groundwater resources based on DPSIR conceptual framework. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	14
11	Performance Comparison of an LSTM-based Deep Learning Model versus Conventional Machine Learning Algorithms for Streamflow Forecasting. <i>Water Resources Management</i> , 2021 , 35, 4167	3.7	13
10	A novel study of SWAT and ANN models for runoff simulation with application on dataset of metrological stations. <i>Physics and Chemistry of the Earth</i> , 2020 , 120, 102899	3	5
9	Quantifying Positive and Negative Human-Modified Droughts in the Anthropocene: Illustration with Two Iranian Catchments. <i>Water (Switzerland)</i> , 2019 , 11, 884	3	4

8	Spatiotemporal changes of 7-day low flow in Iran's Namak Lake Basin: impacts of climatic and human factors. <i>Theoretical and Applied Climatology</i> , 2020 , 139, 57-73	3	4
7	Uncertainty with the Gamma Test for model input data selection 2010 ,		2
6	Reply to comments on Evaporation estimation using artificial neural networks and adaptive neurofuzzy inference system techniques [by A. Moghaddamnia, M. Ghafari Gousheh, J. Piri, S. Amin and D. Han [Adv. Water Resour. 32 (2009) 880-7]. <i>Advances in Water Resources</i> , 2009 , 32, 967-968	4.7	2
5	Evaluation of some probability distribution functions for derivation of unit hydrograph in the Bar Watershed, Iran. <i>International Journal of Hydrology Science and Technology</i> , 2018 , 8, 134	1.5	2
4	Efficient Urban Runoff Quantity and Quality Modelling Using SWMM Model and Field Data in an Urban Watershed of Tehran Metropolis. <i>Sustainability</i> , 2022 , 14, 1086	3.6	1
3	An integrated approach for prioritization of river water quality sampling points using modified Sanders, analytic network process, and hydrodynamic modeling. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 482	3.1	1
2	Closure to Daily Pan Evaporation Modeling in a Hot and Dry Climate [by J. Piri, S. Amin, A. Moghaddamnia, A. Keshavarz, D. Han, and R. Remesan. <i>Journal of Hydrologic Engineering - ASCE</i> , 2010 , 15, 668-669	1.8	
1	Eco-hydrological estimation of event-based runoff coefficient using artificial intelligence models in Kasilian watershed, Iran. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020 , 34, 1983-1996	3.5	