

# Alireza Moghaddam Nia

## 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.

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	Efficient Urban Runoff Quantity and Quality Modelling Using SWMM Model and Field Data in an Urban Watershed of Tehran Metropolis. <i>Sustainability</i> , <b>2022</b> , 14, 1086	3.6	1
24	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> , <b>2021</b> , 193, 482	3.1	1
23	Performance Comparison of an LSTM-based Deep Learning Model versus Conventional Machine Learning Algorithms for Streamflow Forecasting. <i>Water Resources Management</i> , <b>2021</b> , 35, 4167	3.7	13
22	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> , <b>2020</b> , 120, 102899	3	5
21	Eco-hydrological estimation of event-based runoff coefficient using artificial intelligence models in Kasilian watershed, Iran. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2020</b> , 34, 1983-1996	3.5	
20	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> , <b>2020</b> , 139, 57-73	3	4
19	Quantifying Positive and Negative Human-Modified Droughts in the Anthropocene: Illustration with Two Iranian Catchments. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 884	3	4
18	A novel approach for selecting sampling points locations to river water quality monitoring in data-scarce regions. <i>Journal of Hydrology</i> , <b>2019</b> , 573, 109-122	6	14
17	Comprehensive evaluation of groundwater resources based on DPSIR conceptual framework. <i>Arabian Journal of Geosciences</i> , <b>2018</b> , 11, 1	1.8	14
16	A cost-effective and efficient framework to determine water quality monitoring network locations. <i>Science of the Total Environment</i> , <b>2018</b> , 624, 283-293	10.2	31
15	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> , <b>2018</b> , 8, 134	1.5	2
14	Identification of homogeneous regions for regionalization of watersheds by two-level self-organizing feature maps. <i>Journal of Hydrology</i> , <b>2014</b> , 509, 387-397	6	53
13	Application of NN-ARX Model to Predict Groundwater Levels in the Neishaboor Plain, Iran. <i>Water Resources Management</i> , <b>2013</b> , 27, 4773-4794	3.7	28
12	Daily suspended sediment load prediction using artificial neural networks and support vector machines. <i>Journal of Hydrology</i> , <b>2013</b> , 478, 50-62	6	147
11	Application of Several Data-Driven Techniques for Predicting Groundwater Level. <i>Water Resources Management</i> , <b>2013</b> , 27, 419-432	3.7	88
10	Intermittent Streamflow Forecasting by Using Several Data Driven Techniques. <i>Water Resources Management</i> , <b>2012</b> , 26, 457-474	3.7	68
9	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> , <b>2011</b> , 401, 177-189	6	246

8	Performance Evaluation of ANN and ANFIS Models for Estimating Garlic Crop Evapotranspiration. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2011</b> , 137, 280-286	1.1	27
7	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> , <b>2010</b> , 15, 668-669	1.8	
6	Uncertainty with the Gamma Test for model input data selection <b>2010</b> ,		2
5	Application of ANN and ANFIS models for reconstructing missing flow data. <i>Environmental Monitoring and Assessment</i> , <b>2010</b> , 166, 421-34	3.1	97
4	Dust storm frequency after the 1999 drought in the Sistan region, Iran. <i>Climate Research</i> , <b>2010</b> , 41, 83-90.	0.6	25
3	Daily Pan Evaporation Modeling in a Hot and Dry Climate. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2009</b> , 14, 803-811	1.8	71
2	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) 88-97]. <i>Advances in Water Resources</i> , <b>2009</b> , 32, 967-968	4.7	2
1	Evaporation estimation using artificial neural networks and adaptive neuro-fuzzy inference system techniques. <i>Advances in Water Resources</i> , <b>2009</b> , 32, 88-97	4.7	189