Alireza Moghaddam Nia

List of Publications by Year
in descending order

26 papers	1,548 citations	566801 15 h-index	676716 22 g-index
26 all docs	26 docs citations	26 times ranked	1653 citing authors

#	Article	IF	Citations
1	Assessment of input variables determination on the SVM model performance using PCA, Gamma test, and forward selection techniques for monthly stream flow prediction. Journal of Hydrology, 2011, 401, 177-189.	2.3	306
2	Evaporation estimation using artificial neural networks and adaptive neuro-fuzzy inference system techniques. Advances in Water Resources, 2009, 32, 88-97.	1.7	228
3	Daily suspended sediment load prediction using artificial neural networks and support vector machines. Journal of Hydrology, 2013, 478, 50-62.	2.3	189
4	Application of ANN and ANFIS models for reconstructing missing flow data. Environmental Monitoring and Assessment, 2010, 166, 421-434.	1.3	124
5	Application of Several Data-Driven Techniques for Predicting Groundwater Level. Water Resources Management, 2013, 27, 419-432.	1.9	111
6	Daily Pan Evaporation Modeling in a Hot and Dry Climate. Journal of Hydrologic Engineering - ASCE, 2009, 14, 803-811.	0.8	91
7	Intermittent Streamflow Forecasting by Using Several Data Driven Techniques. Water Resources Management, 2012, 26, 457-474.	1.9	86
8	Performance Comparison of an LSTM-based Deep Learning Model versus Conventional Machine Learning Algorithms for Streamflow Forecasting. Water Resources Management, 2021, 35, 4167-4187.	1.9	79
9	Identification of homogeneous regions for regionalization of watersheds by two-level self-organizing feature maps. Journal of Hydrology, 2014, 509, 387-397.	2.3	67
10	Performance Evaluation of ANN and ANFIS Models for Estimating Garlic Crop Evapotranspiration. Journal of Irrigation and Drainage Engineering - ASCE, 2011, 137, 280-286.	0.6	50
11	A cost-effective and efficient framework to determine water quality monitoring network locations. Science of the Total Environment, 2018, 624, 283-293.	3.9	45
12	Dust storm frequency after the 1999 drought in the Sistan region, Iran. Climate Research, 2010, 41, 83-90.	0.4	38
13	Application of NN-ARX Model to Predict Groundwater Levels in the Neishaboor Plain, Iran. Water Resources Management, 2013, 27, 4773-4794.	1.9	34
14	Comprehensive evaluation of groundwater resources based on DPSIR conceptual framework. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	19
15	A novel approach for selecting sampling points locations to river water quality monitoring in data-scarce regions. Journal of Hydrology, 2019, 573, 109-122.	2.3	19
16	A novel study of SWAT and ANN models for runoff simulation with application on dataset of metrological stations. Physics and Chemistry of the Earth, 2020, 120, 102899.	1.2	17
17	Efficient Urban Runoff Quantity and Quality Modelling Using SWMM Model and Field Data in an Urban Watershed of Tehran Metropolis. Sustainability, 2022, 14, 1086.	1.6	15
18	Spatiotemporal changes of 7-day low flow in Iranâ€™s Namak Lake Basin: impacts of climatic and human factors. Theoretical and Applied Climatology, 2020, 139, 57-73.	1.3	10

#	Article	IF	Citations
19	Quantifying Positive and Negative Human-Modified Droughts in the Anthropocene: Illustration with Two Iranian Catchments. Water (Switzerland), 2019, 11, 884.	1.2	7
20	An integrated approach for prioritization of river water quality sampling points using modified Sanders, analytic network process, and hydrodynamic modeling. Environmental Monitoring and Assessment, 2021, 193, 482.	1.3	6
21	Reply to comments on â€œEvaporation estimation using artificial neural networks and adaptive neurofuzzy inference system techniquesâ€•by A. Moghaddamnia, M. Ghafari Gousheh, J. Piri, S. Amin and D. Han [Adv. Water Resour. 32 (2009) 88â€“97]. Advances in Water Resources, 2009, 32, 967-968.	1.7	3
22	Uncertainty with the Gamma Test for model input data selection. , 2010, , .		2
23	Evaluation of some probability distribution functions for derivation of unit hydrograph in the Bar Watershed, Iran. International Journal of Hydrology Science and Technology, 2018, 8, 134.	0.2	2
24	Closure to â€œDaily Pan Evaporation Modeling in a Hot and Dry Climateâ€•by J. Piri, S. Amin, A. Moghaddamnia, A. Keshavarz, D. Han, and R. Remesan. Journal of Hydrologic Engineering - ASCE, 2010, 15, 668-669.	0.8	0
25	Eco-hydrological estimation of event-based runoff coefficient using artificial intelligence models in Kasilian watershed, Iran. Stochastic Environmental Research and Risk Assessment, 2020, 34, 1983-1996.	1.9	0
26	Evaluation of some probability distribution functions for derivation of unit hydrograph in the Bar Watershed, Iran. International Journal of Hydrology Science and Technology, 2018, 8, 134.	0.2	0