Pouya Aghelpour

List of Publications by Year
in descending order

19 papers	573 citations

686830

13 h-index	

794141

19 g-index	

19 all docs	19 docs citations	19 times ranked	369 citing authors

#	Article	IF	Citations
1	Long-term monthly average temperature forecasting in some climate types of Iran, using the models SARIMA, SVR, and SVR-FA. Theoretical and Applied Climatology, 2019, 138, 1471-1480.	1.3	95
2	Comparison of three different bio-inspired algorithms to improve ability of neuro fuzzy approach in prediction of agricultural drought, based on three different indexes. Computers and Electronics in Agriculture, 2020, 170, 105279.	3.7	58
3	Evaluation of stochastic and artificial intelligence models in modeling and predicting of river daily flow time series. Stochastic Environmental Research and Risk Assessment, 2020, 34, 33-50.	1.9	50
4	Comparative Study of Time Series Models, Support Vector Machines, and GMDH in Forecasting Long-Term Evapotranspiration Rates in Northern Iran. Journal of Irrigation and Drainage Engineering - ASCE, 2020, 146, .	0.6	50
5	Simulation of Titicaca Lake Water Level Fluctuations Using Hybrid Machine Learning Technique Integrated with Grey Wolf Optimizer Algorithm. Water (Switzerland), 2020, 12, 3015.	1.2	48
6	A Theoretical Approach for Forecasting Different Types of Drought Simultaneously, Using Entropy Theory and Machine-Learning Methods. ISPRS International Journal of Geo-Information, 2020, 9, 701.	1.4	39
7	A novel hybrid dragonfly optimization algorithm for agricultural drought prediction. Stochastic Environmental Research and Risk Assessment, 2021, 35, 2459-2477.	1.9	39
8	Hydrological drought forecasting using multi-scalar streamflow drought index, stochastic models and machine learning approaches, in northern Iran. Stochastic Environmental Research and Risk Assessment, 2021, 35, 1615.	1.9	33
9	Using the MODIS Sensor for Snow Cover Modeling and the Assessment of Drought Effects on Snow Cover in a Mountainous Area. Remote Sensing, 2020, 12, 3437.	1.8	26
10	Comparing linear and non-linear data-driven approaches in monthly river flow prediction, based on the models SARIMA, LSSVM, ANFIS, and GMDH. Environmental Science and Pollution Research, 2022, 29, 21935-21954.	2.7	25
11	Daily River Water Temperature Prediction: A Comparison between Neural Network and Stochastic Techniques. Atmosphere, 2021, 12, 1154.	1.0	21
12	Multivariate Drought Forecasting in Short- and Long-Term Horizons Using MSPI and Data-Driven Approaches. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	20
13	Forecasting Different Types of Droughts Simultaneously Using Multivariate Standardized Precipitation Index (MSPI), MLP Neural Network, and Imperialistic Competitive Algorithm (ICA). Complexity, 2021, 2021, 1-16.	0.9	17
14	Predicting daily reference evapotranspiration rates in a humid region, comparison of seven various data-based predictor models. Stochastic Environmental Research and Risk Assessment, 2022, 36, 4133-4155.	1.9	14
15	Time series prediction of seasonal precipitation in Iran, using data-driven models: a comparison under different climatic conditions. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	13
16	Estimating Daily Rice Crop Evapotranspiration in Limited Climatic Data and Utilizing the Soft Computing Algorithms MLP, RBF, GRNN, and GMDH. Complexity, 2022, 2022, 1-18.	0.9	10
17	Evaluating the Impact of Large-Scale Climatic Indices as Inputs for Forecasting Monthly River Flow in Mazandaran Province, Iran. Pure and Applied Geophysics, 2022, 179, 1309-1331.	0.8	6
18	An estimation and multi-step ahead prediction study of monthly snow cover area, based on efficient atmospheric-oceanic dynamics. Climate Dynamics, 2023, 60, 743-765.	1.7	6

#	Article	IF	Citations
19	Closure to â€œComparative Study of Time Series Models, Support Vector Machines, and GMDH in Forecasting Long-Term Evapotranspiration Rates in Northern Iranâ€•by Afshin Ashrafzadeh, Ozgur KiÅŸi, Pouya Aghelpour, Seyed Mostafa Biazar, and Mohammadreza Askarizad Masouleh. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, 07021006.	0.6	3