Farshad Ahmadi

List of Publications by Year in Descending Order

22 papers	326 citations	10 h-index	18 g-index
24 ext. papers	481 ext. citations	3.2 avg, IF	4.1 L-index

#	Paper	IF	Citations
22	Establishing Coupled Models for Estimating Daily Dew Point Temperature Using Nature-Inspired Optimization Algorithms. *Hydrology*, **2022**, 9, 9	2.8	1
21	Developing a novel framework for forecasting groundwater level fluctuations using Bi-directional Long Short-Term Memory (BiLSTM) deep neural network. *Computers and Electronics in Agriculture*, **2021**, 191, 106568	6.5	3
20	Developing hybrid time series and artificial intelligence models for estimating air temperatures. *Stochastic Environmental Research and Risk Assessment*, **2021**, 35, 1189-1204	3.5	12
19	Application of an artificial intelligence technique enhanced with intelligent water drops for monthly reference evapotranspiration estimation. *Agricultural Water Management*, **2021**, 244, 106622	5.9	16
18	Development of Bio-Inspired- and Wavelet-Based Hybrid Models for Reconnaissance Drought Index Modeling. *Water Resources Management*, **2021**, 35, 4127	3.7	11
17	Forecastability of a heavy precipitation event at different lead-times using WRF model: the case study in Karkheh River basin. *Acta Geophysica*, **2021**, 69, 1979-1995	2.2	2
16	Drought modeling using classic time series and hybrid wavelet-gene expression programming models. *Journal of Hydrology*, **2020**, 587, 125017	6	23
15	Developing Novel Robust Models to Improve the Accuracy of Daily Streamflow Modeling. *Water Resources Management*, **2020**, 34, 3387-3409	3.7	37
14	Modelling daily soil temperature at different depths via the classical and hybrid models. *Meteorological Applications*, **2020**, 27, e1941	2.1	10
13	Comparison of parametric and non-parametric methods for trend identification in groundwater levels in Sirjan plain aquifer, Iran **2020**, 51, 1455-1477		6
12	Investigating the trend and time of precipitation and river flow rate changes in Lake Urmia basin, Iran. *Arabian Journal of Geosciences*, **2019**, 12, 1	1.8	13
11	Analyzing the droughts in Iran and its eastern neighboring countries using copula functions. *Idojaras*, **2019**, 123, 435-453	1.7	3
10	Spatio-temporal analysis of daily, seasonal and annual precipitation concentration in Jharkhand state, India. *Stochastic Environmental Research and Risk Assessment*, **2018**, 32, 1085-1097	3.5	31
9	Bivariate frequency analysis of low flow using copula functions (case study: Dez River Basin, Iran). *Environmental Earth Sciences*, **2018**, 77, 1	2.9	8
8	Spatiotemporal trend and abrupt change analysis of temperature in Iran. *Meteorological Applications*, **2018**, 25, 314-321	2.1	40
7	Comparison of the performance of power law and probability distributions in the frequency analysis of flood in Dez Basin, Iran. *Natural Hazards*, **2017**, 87, 1313-1331	3	5
6	Daily Mean Streamflow Prediction in Perennial and Non-Perennial Rivers Using Four Data Driven Techniques. *Water Resources Management*, **2017**, 31, 4855-4874	3.7	28

5	Investigation of spatial and temporal variability of precipitation in Iran over the last half century. *Stochastic Environmental Research and Risk Assessment*, **2016**, 30, 1205-1221	3.5	76
4	Improving the performance of random forest for estimating monthly reservoir inflow via complete ensemble empirical mode decomposition and wavelet analysis. *Stochastic Environmental Research and Risk Assessment*,1	3.5	1
3	Investigating the variation pattern and erosivity power of precipitation in the Sindh river basin of India during last 120 years. *Stochastic Environmental Research and Risk Assessment*,1	3.5	0
2	Probabilistic Assessment of Monthly River Discharge using Copula and OSVR Approaches. *Water Resources Management*,1	3.7	0
1	Spatiotemporal analysis of precipitation and temperature concentration using PCI and TCI: a case study of Khuzestan Province, Iran. *Theoretical and Applied Climatology*,1	3	0