Mustafa Biazar

List of Publications by Citations

17 papers	431 citations	13 h-index	18 g-index
18 ext. papers	544 ext. citations	2.9 avg, IF	4.57 L-index

#	Paper	IF	Citations
17	Multi-layer perceptron hybrid model integrated with the firefly optimizer algorithm for windspeed prediction of target site using a limited set of neighboring reference station data. *Renewable Energy*, **2018**, 116, 309-323	8.1	78
16	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	3	65
15	Dew Point Temperature Estimation: Application of Artificial Intelligence Model Integrated with Nature-Inspired Optimization Algorithms. *Water (Switzerland)*, **2019**, 11, 742	3	52
14	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, 04020010	1.1	32
13	Support vector machines and feed-forward neural networks for spatial modeling of groundwater qualitative parameters. *Environmental Earth Sciences*, **2017**, 76, 1	2.9	28
12	Impact of climate change on streamflow timing (case study: Guilan Province). *Theoretical and Applied Climatology*, **2019**, 138, 65-76	3	27
11	Evaporation process modelling over northern Iran: application of an integrative data-intelligence model with the krill herd optimization algorithm. *Hydrological Sciences Journal*, **2019**, 64, 1843-1856	3.5	25
10	New input selection procedure for machine learning methods in estimating daily global solar radiation. *Arabian Journal of Geosciences*, **2020**, 13, 1	1.8	23
9	Estimation of daily pan evaporation using neural networks and meta-heuristic approaches. *ISH Journal of Hydraulic Engineering*, **2020**, 26, 421-429	1.5	20
8	Sensitivity analysis of the reference crop evapotranspiration in a humid region. *Environmental Science and Pollution Research*, **2019**, 26, 32517-32544	5.1	17
7	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	2.9	17
6	An investigation on spatial and temporal trends in frost indices in Northern Iran. *Theoretical and Applied Climatology*, **2020**, 141, 907-920	3	14
5	Simulating Caspian Sea surface water level by artificial neural network and support vector machine models. *Acta Geophysica*, **2020**, 68, 553-563	2.2	13
4	Estimation of Evaporation from Saline-Water with More Efficient Input Variables. *Pure and Applied Geophysics*, **2020**, 177, 5599-5619	2.2	12
3	Estimation of evaporation from saline water. *Environmental Monitoring and Assessment*, **2020**, 192, 694	3.1	6
2	Closure to "Comparative Study of Time Series Models, Support Vector Machines, and GMDH in Forecasting Long-Term Evapotranspiration Rates in Northern Iran" by Afshin Ashrafzadeh, Ozgur Kişi, Pouya Aghelpour, Seyed Mostafa Biazar, and Mohammadreza Askarizad Masouleh. *Journal of Irrigation and Drainage Engineering - ASCE*, **2021**, 147, 07021006	1.1	2
1	Investigating the impact of input variable selection on daily solar radiation prediction accuracy using data-driven models: a case study in northern Iran. *Stochastic Environmental Research and Risk Assessment*, **2021**, 1	3.5	0