Saeid Mehdizadeh

List of Publications by Year
in descending order

34 papers	1,435 citations	257450 24 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	976 citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling daily reference evapotranspiration via a novel approach based on support vector regression coupled with whale optimization algorithm. Agricultural Water Management, 2020, 237, 106145.	5.6	177
2	Using MARS, SVM, GEP and empirical equations for estimation of monthly mean reference evapotranspiration. Computers and Electronics in Agriculture, 2017, 139, 103-114.	7.7	165
3	Hybrid models to improve the monthly river flow prediction: Integrating artificial intelligence and non-linear time series models. Journal of Hydrology, 2019, 575, 1200-1213.	5.4	88
4	Estimation of daily reference evapotranspiration (ETo) using artificial intelligence methods: Offering a new approach for lagged ETo data-based modeling. Journal of Hydrology, 2018, 559, 794-812.	5.4	70
5	Hybrid artificial intelligence-time series models for monthly streamflow modeling. Applied Soft Computing Journal, 2019, 80, 873-887.	7.2	65
6	Developing Novel Robust Models to Improve the Accuracy of Daily Streamflow Modeling. Water Resources Management, 2020, 34, 3387-3409.	3.9	60
7	Application of an artificial intelligence technique enhanced with intelligent water drops for monthly reference evapotranspiration estimation. Agricultural Water Management, 2021, 244, 106622.	5.6	57
8	Comparison of artificial intelligence methods and empirical equations to estimate daily solar radiation. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 146, 215-227.	1.6	53
9	Drought modeling using classic time series and hybrid wavelet-gene expression programming models. Journal of Hydrology, 2020, 587, 125017.	5.4	48
10	Evaluating the performance of artificial intelligence methods for estimation of monthly mean soil temperature without using meteorological data. Environmental Earth Sciences, 2017, 76, 1.	2.7	46
11	Application of gene expression programming to predict daily dew point temperature. Applied Thermal Engineering, 2017, 112, 1097-1107.	6.0	46
12	Comparative assessment of time series and artificial intelligence models to estimate monthly streamflow: A local and external data analysis approach. Journal of Hydrology, 2019, 579, 124225.	5.4	44
13	New Approaches for Estimation of Monthly Rainfall Based on GEP-ARCH and ANN-ARCH Hybrid Models. Water Resources Management, 2018, 32, 527-545.	3.9	41
14	A novel hybrid dragonfly optimization algorithm for agricultural drought prediction. Stochastic Environmental Research and Risk Assessment, 2021, 35, 2459-2477.	4.0	39
15	A Comparative Study of Autoregressive, Autoregressive Moving Average, Gene Expression Programming and Bayesian Networks for Estimating Monthly Streamflow. Water Resources Management, 2018, 32, 3001-3022.	3.9	38
16	Development of Bio-Inspired- and Wavelet-Based Hybrid Models for Reconnaissance Drought Index Modeling. Water Resources Management, 2021, 35, 4127-4147.	3.9	38
17	Estimation of soil temperature using gene expression programming and artificial neural networks in a semiarid region. Environmental Earth Sciences, 2017, 76, 1.	2.7	36
18	A comparison of monthly precipitation point estimates at 6 locations in Iran using integration of soft computing methods and GARCH time series model. Journal of Hydrology, 2017, 554, 721-742.	5.4	36

#	Article	IF	Citations
19	Developing novel hybrid models for estimation of daily soil temperature at various depths. Soil and Tillage Research, 2020, 197, 104513.	5.6	34
20	Assessing the potential of data-driven models for estimation of long-term monthly temperatures. Computers and Electronics in Agriculture, 2018, 144, 114-125.	7.7	30
21	Implementing novel hybrid models to improve indirect measurement of the daily soil temperature: Elman neural network coupled with gravitational search algorithm and ant colony optimization. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108127.	5.0	30
22	Developing hybrid time series and artificial intelligence models for estimating air temperatures. Stochastic Environmental Research and Risk Assessment, 2021, 35, 1189-1204.	4.0	30
23	Comprehensive modeling of monthly mean soil temperature using multivariate adaptive regression splines and support vector machine. Theoretical and Applied Climatology, 2018, 133, 911-924.	2.8	29
24	Using AR, MA, and ARMA Time Series Models to Improve the Performance of MARS and KNN Approaches in Monthly Precipitation Modeling under Limited Climatic Data. Water Resources Management, 2020, 34, 263-282.	3.9	29
25	Modelling daily soil temperature at different depths *via* the classical and hybrid models. Meteorological Applications, 2020, 27, e1941.	2.1	20
26	Development of Boosted Machine Learning Models for Estimating Daily Reference Evapotranspiration and Comparison with Empirical Approaches. Water (Switzerland), 2021, 13, 3489.	2.7	20
27	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, 2022, 36, 2753-2768.	4.0	15
28	Calibration of Hargreaves–Samani and Priestley–Taylor equations in estimating reference evapotranspiration in the Northwest of Iran. Archives of Agronomy and Soil Science, 2017, 63, 942-955.	2.6	13
29	Establishing Coupled Models for Estimating Daily Dew Point Temperature Using Nature-Inspired Optimization Algorithms. Hydrology, 2022, 9, 9.	3.0	11
30	Experimental investigation of discharge coefficient over novel kind of sharp-crested V-notch weir. Flow Measurement and Instrumentation, 2017, 54, 236-242.	2.0	8
31	Three dimensional flow simulation over a sharp-crested V-Notch weir. Flow Measurement and Instrumentation, 2020, 71, 101684.	2.0	8
32	Estimating the short-term and long-term wind speeds: implementing hybrid models through coupling machine learning and linear time series models. SN Applied Sciences, 2020, 2, 1.	2.9	8
33	Development of wavelet-based hybrid models to enhance daily soil temperature modeling: application of entropy and τ-Kendall pre-processing techniques. Stochastic Environmental Research and Risk Assessment, 2023, 37, 507-526.	4.0	3
34	Closure to the discussion of Ebtehaj et al. on "Comparative assessment of time series and artificial intelligence models to estimate monthly streamflow: A local and external data analysis approach". Journal of Hydrology, 2021, 600, 126459.	5.4	0