Farshad Fathian

List of Publications by Year
in descending order

33 papers	707 citations	686830 13 h-index	580395 25 g-index
34 all docs	34 docs citations	34 times ranked	741 citing authors

#	Article	IF	Citations
1	Assessment of water demand reliability using SWAT and RIBASIM models with respect to climate change and operational water projects. Agricultural Water Management, 2022, 261, 107377.	2.4	17
2	Remote sensing satellite data and spectral indices: an initial evaluation for the sustainable development of an urban area. Sustainable Water Resources Management, 2022, 8, 1.	1.0	4
3	Observed and projected changes in temperature and precipitation extremes based on CORDEX data over Iran. Theoretical and Applied Climatology, 2022, 149, 569-592.	1.3	8
4	Modeling the volatility changes in Lake Urmia water level time series. Theoretical and Applied Climatology, 2021, 143, 61-72.	1.3	15
5	Closure to the discussion of Ebtehaj et al. on â€œComparative assessment of time series and artificial intelligence models to estimate monthly streamflow: A local and external data analysis approachâ€• Journal of Hydrology, 2021, 600, 126459.	2.3	0
6	Introduction of multiple/multivariate linear and nonlinear time series models in forecasting streamflow process. , 2021, , 87-113.		3
7	A quantile-based realization of the indirect-link between large-scale atmospheric oscillation and lake water level. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
8	Estimation of extreme quantiles at ungaged sites based on region-of-influence and weighting approaches to regional frequency analysis of maximum 24-h rainfall. Theoretical and Applied Climatology, 2020, 139, 1191-1205.	1.3	3
9	Developing novel hybrid models for estimation of daily soil temperature at various depths. Soil and Tillage Research, 2020, 197, 104513.	2.6	34
10	Trends in pan evaporation and climate variables in Iran. Theoretical and Applied Climatology, 2020, 142, 407-432.	1.3	14
11	Teleconnections between oceanicâ€“atmospheric indices and drought over Iran using quantile regressions. Hydrological Sciences Journal, 2020, 65, 2286-2295.	1.2	24
12	Assessment of changes in climate extremes of temperature and precipitation over Iran. Theoretical and Applied Climatology, 2020, 141, 1119-1133.	1.3	21
13	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.	2.3	44
14	Multiple streamflow time series modeling using VARâ€“MGARCH approach. Stochastic Environmental Research and Risk Assessment, 2019, 33, 407-425.	1.9	17
15	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.	2.3	88
16	Hybrid artificial intelligence-time series models for monthly streamflow modeling. Applied Soft Computing Journal, 2019, 80, 873-887.	4.1	65
17	Using hybrid weightingâ€clustering approach for regional frequency analysis of maximum 24â€hr rainfall based on climatic, geographical, and statistical attributes. International Journal of Climatology, 2019, 39, 4413-4428.	1.5	5
18	Modeling streamflow time series using nonlinear SETAR-GARCH models. Journal of Hydrology, 2019, 573, 82-97.	2.3	23

#	Article	IF	Citations
19	Climate Change Impact on Agriculture and Irrigation Network. Climate Change Management, 2019, , 333-354.	0.6	8
20	Dynamic memory of Urmia Lake water-level fluctuations in hydroclimatic variables. Theoretical and Applied Climatology, 2019, 138, 591-603.	1.3	10
21	Regional frequency analysis with development of region-of-influence approach for maximum 24-h rainfall (case study: Urmia Lake Basin, Iran). Theoretical and Applied Climatology, 2019, 136, 1483-1494.	1.3	7
22	Regional scale rainfallâ€“runoff modeling using VARXâ€“MGARCH approach. Stochastic Environmental Research and Risk Assessment, 2018, 32, 999-1016.	1.9	13
23	Trend assessment of sunshine duration, cloudiness, and reference evapotranspiration for exploring global dimming/brightening in Tehran. Modeling Earth Systems and Environment, 2017, 3, 1.	1.9	0
24	Assessing irrigation network performance based on different climate change and water supply scenarios: a case study in Northern Iran. International Journal of Water, 2017, 11, 191.	0.1	1
25	Urmia Lake water-level change detection and modeling. Modeling Earth Systems and Environment, 2016, 2, 1-16.	1.9	17
26	Temporal trends in precipitation using spatial techniques in GIS over Urmia Lake Basin, Iran. International Journal of Hydrology Science and Technology, 2016, 6, 62.	0.2	14
27	Evaluating the impact of changes in land cover and climate variability on streamflow trends (case) Tj ETQq1 1 0.784314 rgBT /Overlock Technology, 2016, 6, 1.	0.2	14
28	Influence of land use/land cover change on land surface temperature using RS and GIS techniques. International Journal of Hydrology Science and Technology, 2015, 5, 195.	0.2	15
29	Groundwater level modelling using system dynamics approach to investigate the sinkhole events (case) Tj ETQq1 1 0.784314 rgBT /Ov 2015, 5, 295.	0.2	5
30	Identification of trends in hydrological and climatic variables in Urmia Lake basin, Iran. Theoretical and Applied Climatology, 2015, 119, 443-464.	1.3	144
31	Analysis of water level changes in Lake Urmia based on data characteristics and non-parametric test. International Journal of Hydrology Science and Technology, 2014, 4, 18.	0.2	24
32	Trends in hydrological and climatic variables affected by four variations of the Mann-Kendall approach in Urmia Lake basin, Iran. Hydrological Sciences Journal, 0, , 1-13.	1.2	44
33	Conceptualization of the indirect link between climate variability and lake water level using conditional heteroscedasticity. Hydrological Sciences Journal, 0, , 1-17.	1.2	5