Fatih Tosunoglu

List of Publications by Year
in descending order

23 papers	389 citations	758635 12 h-index	794141 19 g-index
23 all docs	23 docs citations	23 times ranked	368 citing authors

#	Article	IF	Citations
1	Application of copulas for regional bivariate frequency analysis of meteorological droughts in Turkey. Natural Hazards, 2016, 82, 1457-1477.	1.6	71
2	Joint modelling of annual maximum drought severity and corresponding duration. Journal of Hydrology, 2016, 543, 406-422.	2.3	45
3	Climate change impact assessment on mild and extreme drought events using copulas over Ankara, Turkey. Theoretical and Applied Climatology, 2020, 141, 1045-1055.	1.3	35
4	Daily streamflow modelling using autoregressive moving average and artificial neural networks models: case study of Çoruh basin, Turkey. Water and Environment Journal, 2012, 26, 567-576.	1.0	30
5	Joint modelling of drought characteristics derived from historical and synthetic rainfalls: Application of Generalized Linear Models and Copulas. Journal of Hydrology: Regional Studies, 2017, 14, 167-181.	1.0	28
6	Multivariate modeling of flood characteristics using Vine copulas. Environmental Earth Sciences, 2020, 79, 1.	1.3	24
7	Bivariate Risk Analysis of Droughts Using a Nonparametric Multivariate Standardized Drought Index and Copulas. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	0.8	22
8	Multivariate Modeling of Annual Instantaneous Maximum Flows Using Copulas. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	19
9	Evaluation of spatial and temporal relationships between large‐scale atmospheric oscillations and meteorological drought indexes in Turkey. International Journal of Climatology, 2018, 38, 4579-4596.	1.5	18
10	Trend assessment of annual instantaneous maximum flows in Turkey. Hydrological Sciences Journal, 2019, 64, 820-834.	1.2	17
11	Investigation of the low impact development strategies for highly urbanized area via auto-calibrated Storm Water Management Model (SWMM). Water Science and Technology, 2021, 84, 2194-2213.	1.2	17
12	Trend Analysis of Daily Maximum Rainfall Series in Çoruh Basin, Turkey. Journal of the Institute of Science and Technology, 2017, 7, 195-205.	0.3	13
13	Accurate estimation of T year extreme wind speeds by considering different model selection criterions and different parameter estimation methods. Energy, 2018, 162, 813-824.	4.5	12
14	Predicting monthly streamflow using artificial neural networks and wavelet neural networks models. Modeling Earth Systems and Environment, 2022, 8, 5547-5563.	1.9	10
15	Determination of Trends and Dominant Modes in 7-Day Annual Minimum Flows: Additive Wavelet Transform–Based Approach. Journal of Hydrologic Engineering - ASCE, 2018, 23, 05018022.	0.8	8
16	Impact of climate change on meteorological and hydrological droughts for Upper Coruh Basin, Turkey. Natural Hazards, 0, , 1.	1.6	7
17	Mapping spatial variability of annual rainfall under different return periods in Turkey: The application of various distribution functions and model selection techniques. Meteorological Applications, 2019, 26, 671-681.	0.9	3
18	Estimation of Missing Streamflow Records in the Euphrates Basin using Flow Duration Curves and Regression Models. Journal of the Institute of Science and Technology, 2017, 7, 85-94.	0.3	3

#	Article	IF	Citations
19	Evaluation of Trends and Dominant Modes in Maximum Flows in Turkey Using Discrete and Additive Wavelet Transforms. Journal of Hydrologic Engineering - ASCE, 2020, 25, 05020037.	0.8	2
20	Definition of the best probability distribution functions for annual minimum flows in the rivers of the Upper Euphrates River Basin, Turkey. IOP Conference Series: Materials Science and Engineering, 2020, 737, 012166.	0.3	2
21	Multivariate Assessment of Low-Flow Hazards via Copulas: The Case Study of the Ã‡oruh Basin (Turkey). Water (Switzerland), 2020, 12, 2848.	1.2	1
22	Comparison of conventional and differential evolution-based parameter estimation methods on the flood frequency analysis. Acta Geophysica, 2021, 69, 1887-1900.	1.0	1
23	Decreasing flood hazard evaluated in Turkey using nonstationary models. River Research and Applications, 0, , .	0.7	1