Hakan Tongal

List of Publications by Year
in descending order

14 papers	466 citations	1040018 9 h-index	1058452 14 g-index
14 all docs	14 docs citations	14 times ranked	593 citing authors

#	Article	IF	Citations
1	Simulation and forecasting of streamflows using machine learning models coupled with base flow separation. Journal of Hydrology, 2018, 564, 266-282.	5.4	177
2	Comparison of Recurrent Neural Network, Adaptive Neuro-Fuzzy Inference System and Stochastic Models in EÄŸirdir Lake Level Forecasting. Water Resources Management, 2010, 24, 105-128.	3.9	91
3	Seasonality of low flows and dominant processes in the Rhine River. Stochastic Environmental Research and Risk Assessment, 2013, 27, 489-503.	4.0	38
4	Phase-space reconstruction and self-exciting threshold modeling approach to forecast lake water levels. Stochastic Environmental Research and Risk Assessment, 2014, 28, 955-971.	4.0	27
5	Impact of complexity on daily and multi-step forecasting of streamflow with chaotic, stochastic, and black-box models. Stochastic Environmental Research and Risk Assessment, 2017, 31, 661-682.	4.0	26
6	Cross-entropy clustering framework for catchment classification. Journal of Hydrology, 2017, 552, 433-446.	5.4	19
7	Analysis of dam-induced cyclic patterns on river flow dynamics. Hydrological Sciences Journal, 2017, 62, 626-641.	2.6	19
8	Quantification of parametric uncertainty of ANN models with GLUE method for different streamflow dynamics. Stochastic Environmental Research and Risk Assessment, 2017, 31, 993-1010.	4.0	17
9	Forecasting rainfall using transfer entropy coupled directedâ€"weighted complex networks. Atmospheric Research, 2021, 255, 105531.	4.1	13
10	Spatiotemporal analysis of precipitation and extreme indices in the Antalya Basin, Turkey. Theoretical and Applied Climatology, 2019, 138, 1735-1754.	2.8	11
11	Entropy analysis for spatiotemporal variability of seasonal, low, and high streamflows. Stochastic Environmental Research and Risk Assessment, 2019, 33, 303-320.	4.0	9
12	Comparison of local and global approximators in multivariate chaotic forecasting of daily streamflow. Hydrological Sciences Journal, 2020, 65, 1129-1144.	2.6	8
13	Transfer entropy coupled directedâ€"weighted complex network analysis of rainfall dynamics. Stochastic Environmental Research and Risk Assessment, 2022, 36, 851-867.	4.0	6
14	A Comparison of Nonlinear Stochastic Self-Exciting Threshold Autoregressive and Chaotic k-Nearest Neighbour Models in Daily Streamflow Forecasting. Water Resources Management, 2016, 30, 1515-1531.	3.9	5