Shahab Aldin Shojaeezadeh

List of Publications by Year
in descending order

19 papers	1,117 citations	566801 15 h-index	752256 20 g-index
20 all docs	20 docs citations	20 times ranked	1387 citing authors

#	Article	IF	Citations
1	Increasing probability of mortality during Indian heat waves. Science Advances, 2017, 3, e1700066.	4.7	247
2	Multivariate <scp>C</scp>opula <scp>A</scp>nalysis <scp>T</scp>oolbox (MvCAT): Describing dependence and underlying uncertainty using a <scp>B</scp>ayesian framework. Water Resources Research, 2017, 53, 5166-5183.	1.7	226
3	Multihazard Scenarios for Analysis of Compound Extreme Events. Geophysical Research Letters, 2018, 45, 5470-5480.	1.5	139
4	Approximate Bayesian Computation using Markov Chain Monte Carlo simulation: DREAM_(ABC). Water Resources Research, 2014, 50, 6767-6787.	1.7	92
5	Optimal and objective placement of sensors in water distribution systems using information theory. Water Research, 2018, 143, 218-228.	5.3	48
6	Climateâ€induced Changes in the Risk of Hydrological Failure of Major Dams in California. Geophysical Research Letters, 2019, 46, 2130-2139.	1.5	48
7	Heat wave Intensity Duration Frequency Curve: A Multivariate Approach for Hazard and Attribution Analysis. Scientific Reports, 2019, 9, 14117.	1.6	46
8	A new normal for streamflow in California in a warming climate: Wetter wet seasons and drier dry seasons. Journal of Hydrology, 2018, 567, 203-211.	2.3	42
9	The stationarity paradigm revisited: Hypothesis testing using diagnostics, summary metrics, and DREAM_(ABC). Water Resources Research, 2015, 51, 9207-9231.	1.7	38
10	Stochastic modeling of suspended sediment load in alluvial rivers. Advances in Water Resources, 2018, 119, 188-196.	1.7	32
11	Copulas for hydroclimatic analysis: A practiceâ€oriented overview. Wiley Interdisciplinary Reviews: Water, 2022, 9, .	2.8	31
12	Shuffled Complex-Self Adaptive Hybrid EvoLution (SC-SAHEL) optimization framework. Environmental Modelling and Software, 2018, 104, 215-235.	1.9	29
13	The Quest for Hydrological Signatures: Effects of Data Transformation on Bayesian Inference of Watershed Models. Water Resources Management, 2018, 32, 1867-1881.	1.9	24
14	A Multi-Model Nonstationary Rainfall-Runoff Modeling Framework: Analysis and Toolbox. Water Resources Management, 2019, 33, 3011-3024.	1.9	18
15	A fuzzy multi-stakeholder socio-optimal model for water and waste load allocation. Environmental Monitoring and Assessment, 2019, 191, 359.	1.3	17
16	Quantifying increased fire risk in California in response to different levels of warming and drying. Stochastic Environmental Research and Risk Assessment, 2020, 34, 2023-2031.	1.9	14
17	Probabilistic hazard assessment of contaminated sediment in rivers. Science of the Total Environment, 2020, 703, 134875.	3.9	11
18	A dataset on human perception of and response to wildfire smoke. Scientific Data, 2019, 6, 229.	2.4	8

#	Article	IF	Citations
19	Estimation of two-dimensional velocity distribution profile using General Index Entropy in open channels. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 912-925.	1.2	6