V Agilan

List of Publications by Year
in descending order

18 papers	**398** citations	933264 **10** h-index	940416 **16** g-index
19 all docs	**19** docs citations	**19** times ranked	**401** citing authors

#	Article	IF	Citations
1	What are the best covariates for developing non-stationary rainfall Intensity-Duration-Frequency relationship?. Advances in Water Resources, 2017, 101, 11-22.	1.7	99
2	Is the covariate based non-stationary rainfall IDF curve capable of encompassing future rainfall changes?. Journal of Hydrology, 2016, 541, 1441-1455.	2.3	47
3	Detection and attribution of non-stationarity in intensity and frequency of daily and 4-h extreme rainfall of Hyderabad, India. Journal of Hydrology, 2015, 530, 677-697.	2.3	43
4	Modelling nonlinear trend for developing non‐stationary rainfall intensity–duration–frequency curve. International Journal of Climatology, 2017, 37, 1265-1281.	1.5	39
5	Influence of threshold selection in modeling peaks over threshold based nonstationary extreme rainfall series. Journal of Hydrology, 2021, 593, 125625.	2.3	32
6	Covariate and parameter uncertainty in non‐stationary rainfall <scp>IDF</scp> curve. International Journal of Climatology, 2018, 38, 365-383.	1.5	27
7	Optimization of Calibration Parameters for an Event Based Watershed Model Using Genetic Algorithm. Water Resources Management, 2015, 29, 4589-4606.	1.9	24
8	El Niño Southern Oscillation cycle indicator for modeling extreme rainfall intensity over India. Ecological Indicators, 2018, 84, 450-458.	2.6	20
9	Non-Stationary Rainfall Intensity-Duration-Frequency Relationship: a Comparison between Annual Maximum and Partial Duration Series. Water Resources Management, 2017, 31, 1825-1841.	1.9	19
10	Parameters Optimization using Fuzzy Rule Based Multi-Objective Genetic Algorithm for an Event Based Rainfall-Runoff Model. Water Resources Management, 2018, 32, 1501-1516.	1.9	15
11	Bivariate Flood Frequency Analysis of Nonstationary Flood Characteristics. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	0.8	14
12	Impact of Climate Change on Flood Frequency of the Trian Reservoir in Vietnam Using RCMS. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	9
13	Rainfall Generator for Nonstationary Extreme Rainfall Condition. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	0.8	6
14	Impact of climate change on rainfall over Chennai. IOP Conference Series: Earth and Environmental Science, 2020, 491, 012008.	0.2	2
15	Single- and two- step optimization of infiltration parameters and Manning's roughness coefficients for a watershed using a multi-objective genetic algorithm. ISH Journal of Hydraulic Engineering, 2018, 24, 53-60.	1.1	1
16	Analyzing Non-stationarity in the Hyderabad City Rainfall Intensity-Duration-Frequency Curves. Water Science and Technology Library, 2018, , 117-125.	0.2	1
17	Changes in ENSO and IOD Effects on the Extreme Rainfall of Hyderabad City, India. Water Science and Technology Library, 2018, , 91-100.	0.2	0
18	Modelling spatial variation of extreme precipitation over Ho Chi Minh City under nonstationary condition. Acta Geophysica, 2019, 67, 849-861.	1.0	0