Poulomi Ganguli

List of Publications by Year
in descending order

27	1,082	471061	580395
papers	citations	17 h-index	25 g-index

37	37	37	1176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding flood regime changes of the Mahanadi River. ISH Journal of Hydraulic Engineering, 2023, 29, 389-402.	1.1	2
2	Amplified risk of compound heat stress-dry spells in Urban India. Climate Dynamics, 2023, 60, 1061-1078.	1.7	7
3	Understanding the impacts of predecessor rain events on flood hazard in a changing climate. Hydrological Processes, 2022, 36, .	1.1	12
4	Climate-catchment-soil control on hydrological droughts in peninsular India. Scientific Reports, 2022, 12, 8014.	1.6	14
5	Analysis of persistence in the flood timing and the role of catchment wetness on flood generation in a large river basin in India. Theoretical and Applied Climatology, 2020, 139, 373-388.	1.3	16
6	Projected Changes in Compound Flood Hazard From Riverine and Coastal Floods in Northwestern Europe. Earth's Future, 2020, 8, e2020EF001752.	2.4	31
7	Trends in Compound Flooding in Northwestern Europe During 1901â€“2014. Geophysical Research Letters, 2019, 46, 10810-10820.	1.5	32
8	Extreme Coastal Water Levels Exacerbate Fluvial Flood Hazards in Northwestern Europe. Scientific Reports, 2019, 9, 13165.	1.6	51
9	Assessment of future changes in intensity-duration-frequency curves for Southern Ontario using North American (NA)-CORDEX models with nonstationary methods. Journal of Hydrology: Regional Studies, 2019, 22, 100587.	1.0	21
10	US Power Production at Risk from Water Stress in a Changing Climate. Scientific Reports, 2017, 7, 11983.	1.6	36
11	Does nonstationarity in rainfall require nonstationary intensityâ€“durationâ€“frequency curves?. Hydrology and Earth System Sciences, 2017, 21, 6461-6483.	1.9	79
12	Climate and Human Stresses on the Water-Energy-Food Nexus. , 2017, , 179-188.		1
13	Space-time trends in U.S. meteorological droughts. Journal of Hydrology: Regional Studies, 2016, 8, 235-259.	1.0	39
14	Robustness of Meteorological Droughts in Dynamically Downscaled Climate Simulations. Journal of the American Water Resources Association, 2016, 52, 138-167.	1.0	7
15	Climate and Human Stresses on the Water-Energy-Food Nexus. , 2016, , 1-9.		0
16	Climate Adaptation Informatics: Water Stress on Power Production. Computing in Science and Engineering, 2015, 17, 53-60.	1.2	11
17	Toward enhanced understanding and projections of climate extremes using physics-guided data mining techniques. Nonlinear Processes in Geophysics, 2014, 21, 777-795.	0.6	40
18	Probabilistic analysis of extreme droughts in Southern Maharashtra using bivariate copulas. ISH Journal of Hydraulic Engineering, 2014, 20, 90-101.	1.1	2

#	Article	IF	Citations
19	Evaluation of trends and multivariate frequency analysis of droughts in three meteorological subdivisions of western India. International Journal of Climatology, 2014, 34, 911-928.	1.5	85
20	Ensemble prediction of regional droughts using climate inputs and the SVMâ€“copula approach. Hydrological Processes, 2014, 28, 4989-5009.	1.1	88
21	Analysis of ENSO-based climate variability in modulating drought risks over western Rajasthan in India. Journal of Earth System Science, 2013, 122, 253-269.	0.6	19
22	Spatio-temporal analysis and derivation of copula-based intensityâ€“areaâ€“frequency curves for droughts in western Rajasthan (India). Stochastic Environmental Research and Risk Assessment, 2013, 27, 1975-1989.	1.9	45
23	Probabilistic assessment of flood risks using trivariate copulas. Theoretical and Applied Climatology, 2013, 111, 341-360.	1.3	91
24	Risk Assessment of Droughts in Gujarat Using Bivariate Copulas. Water Resources Management, 2012, 26, 3301-3327.	1.9	92
25	Bivariate Flood Frequency Analysis of Upper Godavari River Flows Using Archimedean Copulas. Water Resources Management, 2012, 26, 3995-4018.	1.9	113
26	Risk Assessment of Hydroclimatic Variability on Groundwater Levels in the Manjara Basin Aquifer in India Using Archimedean Copulas. Journal of Hydrologic Engineering - ASCE, 2012, 17, 1345-1357.	0.8	25
27	Application of copulas for derivation of drought severityâ€“durationâ€“frequency curves. Hydrological Processes, 2012, 26, 1672-1685.	1.1	119