

# Srinidhi Jha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6243005/publications.pdf>

Version: 2024-02-01

30  
papers

935  
citations

394286

19  
h-index

501076

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating seasonal drought severity-area-frequency (SAF) curve over Indian region: incorporating GCM and scenario uncertainties. Stochastic Environmental Research and Risk Assessment, 2022, 36, 1597-1614.	1.9	8
2	Investigating risk, reliability and return period under the influence of large scale modes, and regional hydrological variability in hydrologic extremes. Hydrological Sciences Journal, 2022, 67, 65-81.	1.2	3
3	Two decades of ensemble flood forecasting: a state-of-the-art on past developments, present applications and future opportunities. Hydrological Sciences Journal, 2022, 67, 477-493.	1.2	15
4	Terrestrial ecosystem response to flash droughts over India. Journal of Hydrology, 2022, 605, 127402.	2.3	23
5	Climate change impact on precipitation extremes over Indian cities: Non-stationary analysis. Technological Forecasting and Social Change, 2022, 180, 121685.	6.2	20
6	Investigating the propagation of droughts under the influence of large-scale climate indices in India. Journal of Hydrology, 2022, 610, 127900.	2.3	23
7	Copula-based drought risk analysis on rainfed agriculture under stationary and non-stationary settings. Hydrological Sciences Journal, 2022, 67, 1683-1701.	1.2	10
8	Nonstationary Modeling of Meteorological Droughts: Application to a Region in India. Journal of Hydrologic Engineering - ASCE, 2021, 26, 05020048.	0.8	22
9	Low frequency <sc>global scale</sc> modes and its influence on rainfall extremes over India: Nonstationary and uncertainty analysis. International Journal of Climatology, 2021, 41, 1873-1888.	1.5	20
10	Impact of climate change on crop water and irrigation requirements over eastern Himalayan region. Stochastic Environmental Research and Risk Assessment, 2021, 35, 1175-1188.	1.9	26
11	Current Trends and Projections of Water Resources Under Climate Change in Ganga River Basin. Society of Earth Scientists Series, 2021, , 233-256.	0.2	3
12	Copula based analysis of meteorological, hydrological and agricultural drought characteristics across Indian river basins. International Journal of Climatology, 2021, 41, 4637-4652.	1.5	65
13	Identification of future meteorological drought hotspots over Indian region: A study based on NEX GDDP data. International Journal of Climatology, 2021, 41, 5644-5662.	1.5	19
14	A novel analysis of COVID 19 risk in India incorporating climatic and socioeconomic Factors. Technological Forecasting and Social Change, 2021, 167, 120679.	6.2	25
15	Joint behaviour of climate extremes across India: Past and future. Journal of Hydrology, 2021, 597, 126185.	2.3	31
16	Drought occurrence in Different River Basins of India and blockchain technology based framework for disaster management. Journal of Cleaner Production, 2021, 312, 127737.	4.6	75
17	Non-stationary and copula-based approach to assess the drought characteristics encompassing climate indices over the Himalayan states in India. Journal of Hydrology, 2020, 580, 124356.	2.3	102
18	Analysing model disparity in diagnosing the climatic and human stresses on runoff variability over India. Journal of Hydrology, 2020, 581, 124407.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Understanding the climate change impact on crop yield over Eastern Himalayan Region: ascertaining GCM and scenario uncertainty. <i>Theoretical and Applied Climatology</i> , 2020, 142, 467-482.	1.3	36
20	Assessment of climate warming in the Western Ghats of India in the past century using geothermal records. <i>Theoretical and Applied Climatology</i> , 2020, 142, 453-465.	1.3	3
21	On the relationship of climatic and monsoon teleconnections with monthly precipitation over meteorologically homogenous regions in India: Wavelet & global coherence approaches. <i>Atmospheric Research</i> , 2020, 238, 104889.	1.8	76
22	COVID 19 Threat and the Role of Human and Natural Factors. <i>Disaster Resilience and Green Growth</i> , 2020, , 87-103.	0.2	0
23	Influences of watershed characteristics on long-term annual and intra-annual water balances over India. <i>Journal of Hydrology</i> , 2019, 577, 123970.	2.3	27
24	Air quality modelling using long short-term memory (LSTM) over NCT-Delhi, India. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 899-908.	1.5	100
25	Probabilistic evaluation of vegetation drought likelihood and its implications to resilience across India. <i>Global and Planetary Change</i> , 2019, 176, 23-35.	1.6	68
26	Assessment of Risk and Resilience of Terrestrial Ecosystem Productivity under the Influence of Extreme Climatic Conditions over India. <i>Scientific Reports</i> , 2019, 9, 18923.	1.6	27
27	Assessment and evaluation of potential climate change impact on monsoon flows using machine learning technique over Wainganga River basin, India. <i>Hydrological Sciences Journal</i> , 2018, 63, 1020-1046.	1.2	35
28	Future Projection of Precipitation and Temperature Extremes Using Change Factor Method over a River Basin: Case Study. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2018, 22, .	1.2	12
29	Uncertainty and Nonstationarity in Streamflow Extremes under Climate Change Scenarios over a River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	31
30	A methodological framework for extreme climate risk assessment integrating satellite and location based data sets in intelligent systems. <i>International Journal of Intelligent Systems</i> , 0, , .	3.3	1