

# Ashutosh Sharma

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8432300/ashutosh-sharma-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

304  
citations

10  
h-index

17  
g-index

20  
ext. papers

442  
ext. citations

4.3  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
19	Evaluation of Gangetic dolphin habitat suitability under hydroclimatic changes using a coupled hydrological-hydrodynamic approach. <i>Ecological Informatics</i> , <b>2022</b> , 69, 101639	4.2	0
18	Transferring Hydrologic Data Across Continents [Leveraging Data-Rich Regions to Improve Hydrologic Prediction in Data-Sparse Regions. <i>Water Resources Research</i> , <b>2021</b> , 57, e2020WR028600	5.4	8
17	Critical Risk Indicators (CRIs) for the electric power grid: a survey and discussion of interconnected effects. <i>Environment Systems and Decisions</i> , <b>2021</b> , 1-22	4.1	2
16	Regional sustainable development of renewable natural resources using Net Primary Productivity on a global scale. <i>Ecological Indicators</i> , <b>2021</b> , 127, 107768	5.8	5
15	Assessment of drought trend and variability in India using wavelet transform. <i>Hydrological Sciences Journal</i> , <b>2020</b> , 65, 1539-1554	3.5	25
14	Assessment of the changes in precipitation and temperature in Teesta River basin in Indian Himalayan Region under climate change. <i>Atmospheric Research</i> , <b>2020</b> , 231, 104670	5.4	25
13	Probabilistic evaluation of vegetation drought likelihood and its implications to resilience across India. <i>Global and Planetary Change</i> , <b>2019</b> , 176, 23-35	4.2	47
12	Assessment of future water provisioning and sediment load under climate and LULC change scenarios in a peninsular river basin, India. <i>Hydrological Sciences Journal</i> , <b>2019</b> , 64, 405-419	3.5	10
11	Projection of hydro-climatological changes over eastern Himalayan catchment by the evaluation of RegCM4 RCM and CMIP5 GCM models <b>2019</b> , 50, 117-137		22
10	Assessment of ecosystem resilience to hydroclimatic disturbances in India. <i>Global Change Biology</i> , <b>2018</b> , 24, e432-e441	11.4	35
9	District-level assessment of the ecohydrological resilience to hydroclimatic disturbances and its controlling factors in India. <i>Journal of Hydrology</i> , <b>2018</b> , 564, 1048-1057	6	38
8	Comparative Assessment of SWAT Model Performance in two Distinct Catchments under Various DEM Scenarios of Varying Resolution, Sources and Resampling Methods. <i>Water Resources Management</i> , <b>2018</b> , 32, 805-825	3.7	22
7	Assessment of the impacts of climatic variability and anthropogenic stress on hydrologic resilience to warming shifts in Peninsular India. <i>Scientific Reports</i> , <b>2018</b> , 8, 13833	4.9	27
6	A Comparison of Three Soft Computing Techniques, Bayesian Regression, Support Vector Regression, and Wavelet Regression, for Monthly Rainfall Forecast. <i>Journal of Intelligent Systems</i> , <b>2017</b> , 26, 641-655	1.5	2
5	Prediction of flow rate of karstic springs using support vector machines. <i>Hydrological Sciences Journal</i> , <b>2017</b> , 62, 2175-2186	3.5	7
4	A fuzzy c-means approach regionalization for analysis of meteorological drought homogeneous regions in western India. <i>Natural Hazards</i> , <b>2016</b> , 84, 1831-1847	3	20
3	Bayesian network for monthly rainfall forecast: a comparison of K2 and MCMC algorithm. <i>International Journal of Computers and Applications</i> , <b>2016</b> , 38, 199-206	0.8	2

2	Bayesian network model for monthly rainfall forecast <b>2015</b> ,	4
1	Transferring hydrologic data across continents -- leveraging US data to improve hydrologic prediction in other countries	2