

Ashutosh Sharma

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8432300/publications.pdf>

Version: 2024-02-01

19
papers

634
citations

759055

12
h-index

839398

18
g-index

20
all docs

20
docs citations

20
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of ecosystem resilience to hydroclimatic disturbances in India. <i>Global Change Biology</i> , 2018, 24, e432-e441.	4.2	71
2	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
3	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> , 2018, 32, 805-825.	1.9	61
4	Assessment of drought trend and variability in India using wavelet transform. <i>Hydrological Sciences Journal</i> , 2020, 65, 1539-1554.	1.2	61
5	District-level assessment of the ecohydrological resilience to hydroclimatic disturbances and its controlling factors in India. <i>Journal of Hydrology</i> , 2018, 564, 1048-1057.	2.3	59
6	Transferring Hydrologic Data Across Continents â€œ Leveraging Dataâ€ Rich Regions to Improve Hydrologic Prediction in Dataâ€ Sparse Regions. <i>Water Resources Research</i> , 2021, 57, e2020WR028600.	1.7	56
7	Assessment of the changes in precipitation and temperature in Teesta River basin in Indian Himalayan Region under climate change. <i>Atmospheric Research</i> , 2020, 231, 104670.	1.8	54
8	Assessment of the impacts of climatic variability and anthropogenic stress on hydrologic resilience to warming shifts in Peninsular India. <i>Scientific Reports</i> , 2018, 8, 13833.	1.6	45
9	A fuzzy c-means approach regionalization for analysis of meteorological drought homogeneous regions in western India. <i>Natural Hazards</i> , 2016, 84, 1831-1847.	1.6	30
10	Projection of hydro-climatological changes over eastern Himalayan catchment by the evaluation of RegCM4 RCM and CMIP5 GCM models. <i>Hydrology Research</i> , 2019, 50, 117-137.	1.1	27
11	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> , 2019, 64, 405-419.	1.2	20
12	Flood risk mapping for the lower Narmada basin in India: a machine learning and IoT-based framework. <i>Natural Hazards</i> , 2022, 113, 1285-1304.	1.6	16
13	Prediction of flow rate of karstic springs using support vector machines. <i>Hydrological Sciences Journal</i> , 2017, 62, 2175-2186.	1.2	14
14	Bayesian network model for monthly rainfall forecast. , 2015, , .		10
15	Critical Risk Indicators (CRIs) for the electric power grid: a survey and discussion of interconnected effects. <i>Environment Systems and Decisions</i> , 2021, 41, 594-615.	1.9	9
16	Evaluation of Gangetic dolphin habitat suitability under hydroclimatic changes using a coupled hydrological-hydrodynamic approach. <i>Ecological Informatics</i> , 2022, 69, 101639.	2.3	9
17	Regional sustainable development of renewable natural resources using Net Primary Productivity on a global scale. <i>Ecological Indicators</i> , 2021, 127, 107768.	2.6	8
18	Bayesian network for monthly rainfall forecast: a comparison of K2 and MCMC algorithm. <i>International Journal of Computers and Applications</i> , 2016, 38, 199-206.	0.8	6

#	ARTICLE	IF	CITATIONS
19	A Comparison of Three Soft Computing Techniques, Bayesian Regression, Support Vector Regression, and Wavelet Regression, for Monthly Rainfall Forecast. Journal of Intelligent Systems, 2017, 26, 641-655.	1.2	6