

# Rahul Jaiswal

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

827  
citations

840776

11  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Analysis for Change Detection and Trend Assessment in Climatological Parameters. Environmental Processes, 2015, 2, 729-749.	3.5	191
2	Isotopic characteristics of Indian precipitation. Water Resources Research, 2010, 46, .	4.2	173
3	Comparative evaluation of conceptual and physical rainfall-runoff models. Applied Water Science, 2020, 10, 1.	5.6	82
4	Drought indicators-based integrated assessment of drought vulnerability: a case study of Bundelkhand droughts in central India. Natural Hazards, 2016, 81, 1627-1652.	3.4	78
5	Watershed Prioritization Using Saaty's AHP Based Decision Support for Soil Conservation Measures. Water Resources Management, 2014, 28, 475-494.	3.9	67
6	Fuzzy AHP Based Multi Criteria Decision Support for Watershed Prioritization. Water Resources Management, 2015, 29, 4205-4227.	3.9	51
7	Multi Criteria Decision Analysis (MCDA) for Watershed Prioritization. Aquatic Procedia, 2015, 4, 1553-1560.	0.9	51
8	Comprehensive evaluation of the changing drought characteristics in Bundelkhand region of Central India. Meteorology and Atmospheric Physics, 2015, 127, 163-182.	2.0	32
9	Development of an Overall Water Quality Index (OWQI) for Surface Water in Indian Context. Current World Environment Journal, 2015, 10, 813-822.	0.5	32
10	Development of a Rainfall-Recharge Relationship for a Fractured Basaltic Aquifer in Central India. Water Resources Management, 2009, 23, 3101-3119.	3.9	19
11	Water balance modeling of Tandula (India) reservoir catchment using SWAT. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	12
12	Development of Geomorphology Based Regional Nash Model for Data Scares Central India Region. Water Resources Management, 2014, 28, 351-371.	3.9	8
13	Priority Assessment of Sub-watershed Based on Optimum Number of Parameters Using Fuzzy-AHP Decision Support System in the Environment of RS and GIS. Journal of the Indian Society of Remote Sensing, 2019, 47, 603-617.	2.4	8
14	Development of framework for assessment of impact of climate change in a command of water resource project. Journal of Earth System Science, 2020, 129, 1.	1.3	7
15	Evaluation of regional soil water retention (SWR) characteristics for soils in Central India. Journal of Applied Water Engineering and Research, 2020, 8, 219-230.	1.8	4
16	Catchment Area Treatment (CAT) Plan and Crop Area Optimization for Integrated Management in a Water Resource Project. Journal of the Institution of Engineers (India): Series A, 2013, 94, 199-208.	1.2	3
17	Normalized Antecedent Precipitation Index Based Model for Prediction of Runoff from Un-Gauged Catchments. Water Resources Management, 2021, 35, 1211-1230.	3.9	2
18	Model coupling approach for daily runoff simulation in Hamp Pandariya catchment of Chhattisgarh state in India. Environment, Development and Sustainability, 2022, 24, 12311-12339.	5.0	2

#	ARTICLE	IF	CITATIONS
19	Regional flood frequency modeling for a large basin in India. Natural Hazards, 2022, 111, 1845-1861.	3.4	2
20	Decision support for scenario analysis in a complex water resource project. Journal of Applied Water Engineering and Research, 2021, 9, 52-68.	1.8	1
21	Trends Analysis of Rainfall and Temperature over Nagwan Watershed, Hazaribagh District, Jharkhand. Current Journal of Applied Science and Technology, 0, , 112-128.	0.3	1
22	A Statistical Downscaling Technique for Assessment of Meteorological Parameters under Climate Change Condition Using SDSM-DC Model in Raipur District. International Journal of Bio-resource and Stress Management, 2018, 9, 489-498.	0.2	1