

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	Model coupling approach for daily runoff simulation in Hamp Pandariya catchment of Chhattisgarh state in India. <i>Environment, Development and Sustainability</i> , 2022, 24, 12311-12339.	5.0	2
2	Regional flood frequency modeling for a large basin in India. <i>Natural Hazards</i> , 2022, 111, 1845-1861.	3.4	2
3	Decision support for scenario analysis in a complex water resource project. <i>Journal of Applied Water Engineering and Research</i> , 2021, 9, 52-68.	1.8	1
4	Normalized Antecedent Precipitation Index Based Model for Prediction of Runoff from Un-Gauged Catchments. <i>Water Resources Management</i> , 2021, 35, 1211-1230.	3.9	2
5	Comparative evaluation of conceptual and physical rainfall-runoff models. <i>Applied Water Science</i> , 2020, 10, 1.	5.6	82
6	Evaluation of regional soil water retention (SWR) characteristics for soils in Central India. <i>Journal of Applied Water Engineering and Research</i> , 2020, 8, 219-230.	1.8	4
7	Development of framework for assessment of impact of climate change in a command of water resource project. <i>Journal of Earth System Science</i> , 2020, 129, 1.	1.3	7
8	Water balance modeling of Tandula (India) reservoir catchment using SWAT. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	12
9	Priority Assessment of Sub-watershed Based on Optimum Number of Parameters Using Fuzzy-AHP Decision Support System in the Environment of RS and GIS. <i>Journal of the Indian Society of Remote Sensing</i> , 2019, 47, 603-617.	2.4	8
10	A Statistical Downscaling Technique for Assessment of Meteorological Parameters under Climate Change Condition Using SDSM-DC Model in Raipur District. <i>International Journal of Bio-resource and Stress Management</i> , 2018, 9, 489-498.	0.2	1
11	Drought indicators-based integrated assessment of drought vulnerability: a case study of Bundelkhand droughts in central India. <i>Natural Hazards</i> , 2016, 81, 1627-1652.	3.4	78
12	Statistical Analysis for Change Detection and Trend Assessment in Climatological Parameters. <i>Environmental Processes</i> , 2015, 2, 729-749.	3.5	191
13	Fuzzy AHP Based Multi Criteria Decision Support for Watershed Prioritization. <i>Water Resources Management</i> , 2015, 29, 4205-4227.	3.9	51
14	Multi Criteria Decision Analysis (MCDA) for Watershed Prioritization. <i>Aquatic Procedia</i> , 2015, 4, 1553-1560.	0.9	51
15	Comprehensive evaluation of the changing drought characteristics in Bundelkhand region of Central India. <i>Meteorology and Atmospheric Physics</i> , 2015, 127, 163-182.	2.0	32
16	Development of an Overall Water Quality Index (OWQI) for Surface Water in Indian Context. <i>Current World Environment Journal</i> , 2015, 10, 813-822.	0.5	32
17	Watershed Prioritization Using Saaty's AHP Based Decision Support for Soil Conservation Measures. <i>Water Resources Management</i> , 2014, 28, 475-494.	3.9	67
18	Development of Geomorphology Based Regional Nash Model for Data Scars Central India Region. <i>Water Resources Management</i> , 2014, 28, 351-371.	3.9	8

#	ARTICLE	IF	CITATIONS
19	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
20	Isotopic characteristics of Indian precipitation. Water Resources Research, 2010, 46, .	4.2	173
21	Development of a Rainfall-Recharge Relationship for a Fractured Basaltic Aquifer in Central India. Water Resources Management, 2009, 23, 3101-3119.	3.9	19
22	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