

Sanjaykumar M Yadav

List of Publications by Year in descending order

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31
papers

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all docs

32
docs citations

32
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Reservoir Operation with a New Approach in Evolutionary Computation Using TLBO Algorithm and Jaya Algorithm. <i>Water Resources Management</i> , 2018, 32, 4375-4391.	1.9	47
2	An analysis of rainfall variability and drought over Barmer District of Rajasthan, Northwest India. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 2505-2517.	1.0	35
3	Flood risk index in data-scarce river basins using the AHP and GIS approach. <i>Natural Hazards</i> , 2021, 109, 1119-1140.	1.6	32
4	Identification and assigning weight of indicator influencing performance of municipal solid waste management using AHP. <i>KSCE Journal of Civil Engineering</i> , 2015, 19, 36-45.	0.9	25
5	A state-of-the-Art review of heuristic and metaheuristic optimization techniques for the management of water resources. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 3702-3728.	1.0	23
6	Spatiotemporal drought assessment of a semi-arid part of middle Tapi River Basin, India. <i>International Journal of Disaster Risk Reduction</i> , 2018, 28, 414-426.	1.8	21
7	Temporal analysis of rainfall and drought characteristics over Jalore District of S-W Rajasthan. <i>Water Practice and Technology</i> , 2022, 17, 254-267.	1.0	19
8	Optimization of Cropping Patterns Using Elitist-Jaya and Elitist-TLBO Algorithms. <i>Water Resources Management</i> , 2019, 33, 1817-1833.	1.9	17
9	Self-adaptive multi-population-based Jaya algorithm to optimize the cropping pattern under a constraint environment. <i>Journal of Hydroinformatics</i> , 2020, 22, 368-384.	1.1	13
10	Analysis of scour depth in the case of parallel bridges using HEC-RAS. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 3419-3432.	1.0	12
11	Accuracy Assessment of Different Open-Source Digital Elevation Model Through Morphometric Analysis for a Semi-arid River Basin in the Western Part of India. <i>Journal of Geovisualization and Spatial Analysis</i> , 2021, 5, 1.	2.1	12
12	Multi-objective reservoir operation of the Ukai reservoir system using an improved Jaya algorithm. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 2287-2310.	1.0	10
13	Development of a relationship between hydrometric and hydrographic observations to predict reservoir capacity loss. <i>Acta Geophysica</i> , 2019, 67, 1451-1469.	1.0	6
14	Prediction of Total Load Transport of an Indian Alluvial River to Estimate Unmeasured Bed Load through an Alternative Approach. <i>Current Science</i> , 2017, 113, 1120.	0.4	6
15	Real-Time Flood Analysis Using Artificial Neural Network. <i>Lecture Notes in Civil Engineering</i> , 2021, , 973-986.	0.3	6
16	Application of the Compound Factor for Runoff Potential in Sub-watersheds Prioritisation Based on Quantitative Morphometric Analysis. <i>Journal of the Geological Society of India</i> , 2022, 98, 687-695.	0.5	6
17	Optimization of cropping patterns in the command area of multiple reservoir system using TLBO algorithm. <i>ISH Journal of Hydraulic Engineering</i> , 2022, 28, 271-280.	1.1	5
18	Investigating extreme rainfall non-stationarity of upper Tapi river basin, India. <i>ISH Journal of Hydraulic Engineering</i> , 2019, , 1-9.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Optimization of Water Releases from Ukai Reservoir Using Jaya Algorithm. Advances in Intelligent Systems and Computing, 2020, , 323-336.	0.5	4
20	Performance evaluation of water supply services in developing country: A case study of Ahmedabad city. KSCE Journal of Civil Engineering, 2014, 18, 1984-1990.	0.9	3
21	A total load approach to predict bed load transport of Indian alluvial river. ISH Journal of Hydraulic Engineering, 2018, 24, 92-99.	1.1	3
22	Evaluation of bed load equations using field measured bed load and bed material load. ISH Journal of Hydraulic Engineering, 2021, 27, 113-123.	1.1	3
23	Rainfall Trend Analysis Using Nonparametric Test: A Case Study of Malegaon City. , 2019, , 25-33.		3
24	Temporal analysis of precipitation in Saurashtra, Kutch, and Diu sub-division of Western Indian region. Theoretical and Applied Climatology, 2021, 144, 521-533.	1.3	3
25	Optimization of Water Allocation for Ukai Reservoir Using Elitist TLBO. Water Science and Technology Library, 2021, , 191-204.	0.2	2
26	ESTIMATION OF BEDLOAD BY KALINSKE'S EQUATION USING TAPI RIVER DATA. ISH Journal of Hydraulic Engineering, 2009, 15, 97-104.	1.1	1
27	Spatial Interpolation of Sediment Yield Estimated from Reservoir Siltation Data of India. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 361-374.	1.0	1
28	Effect on sediment delivery ratio by changes in land use land cover and construction of hydraulic structures at sub basin scale. Journal of Applied Water Engineering and Research, 0, , 1-12.	1.0	1
29	Case study of Narmada main canal based drinking water supply project: issues and challenges. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	1
30	EVALUATION OF BED LOAD EQUATION USING TAPI RIVER DATA, INDIA. ISH Journal of Hydraulic Engineering, 2009, 15, 1-13.	1.1	0
31	Prediction of Reservoir Submerged Sediment Density. Water Science and Technology Library, 2021, , 205-218.	0.2	0