Ramakar C Jha

List of Publications by Year
in descending order

29	739	623734	552781
papers	citations	14 h-index	26 g-index

34	34	34	794
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of Spatio-Temporal Variation of Waterlogged Areas Lying Between Lower Gandak and Burhi Gandak Basins, India. Journal of the Indian Society of Remote Sensing, 2022, 50, 583-596.	2.4	3
2	Evaluation of empirical models for estimating hydraulic conductivity using gradation characteristics of unconsolidated fluvial sediments. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	2
3	Bivariate low flow return period analysis in the Mahanadi River basin, India using copula. International Journal of River Basin Management, 2020, 18, 107-116.	2.7	9
4	Application of Soft Computing Techniques for River Flow Prediction in the Downstream Catchment of Mahanadi River Basin Using Partial Duration Series, India. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 279-297.	1.9	3
5	Assessment of low flow trends and change point detection in Mahanadi River basin, India. Sustainable Water Resources Management, 2020, 6, 1.	2.1	4
6	Long short-term memory (LSTM) recurrent neural network for low-flow hydrological time series forecasting. Acta Geophysica, 2019, 67, 1471-1481.	2.0	169
7	Application of Support Vector Regression for Modeling Low Flow Time Series. KSCE Journal of Civil Engineering, 2019, 23, 923-934.	1.9	34
8	Impact of urbanization on groundwater recharge and urban water balance for the city of Hyderabad, India. International Soil and Water Conservation Research, 2018, 6, 51-62.	6.5	129
9	Geospatial technique for delineation of groundwater potential zones in mine and dense forest area using weighted index overlay technique. Groundwater for Sustainable Development, 2018, 7, 387-399.	4.6	17
10	Groundwater Vulnerability Assessment using SINTACS Model and GIS in Raipur and Naya Raipur, Chhattisgarh, India. Indian Journal of Science and Technology, 2016, 9, .	0.7	10
11	Flood estimation in Mahanadi river system, India using partial duration series. Georisk, 2016, 10, 135-145.	3.5	4
12	Seasonal rationalization of river water quality sampling locations: a comparative study of the modified Sanders and multivariate statistical approaches. Environmental Science and Pollution Research, 2016, 23, 2308-2328.	5.3	20
13	Design of sampling locations for river water quality monitoring considering seasonal variation of point and diffuse pollution loads. Environmental Monitoring and Assessment, 2015, 187, 376.	2.7	32
14	Evaluation of re-aeration equations for river Ghataprabha, Karnataka, India and development of refined equation. Environmental Technology (United Kingdom), 2015, 36, 79-85.	2.2	11
15	Analysis of urban growth using Landsat TM/ETM data and GISâ€"a case study of Hyderabad, India. Arabian Journal of Geosciences, 2014, 7, 109-121.	1.3	55
16	Status of arsenic contamination in potable water of Northern areas of Mizoram State and its adjoining areas of Southern Assam, India. Arabian Journal of Geosciences, 2013, 6, 383-393.	1.3	4
17	Pollution of Ganga River Due to Urbanization of Varanasi. Environment and Urbanization ASIA, 2012, 3, 343-352.	1.8	13
18	Analytical water quality model for biochemical oxygen demand simulation in River Gomti of Ganga Basin, India. KSCE Journal of Civil Engineering, 2008, 12, 141-147.	1.9	7

#	Article	IF	Citations
19	Critical appraisal of methods for the assessment of environmental flows and their application in two river systems of India. KSCE Journal of Civil Engineering, 2008, 12, 213-219.	1.9	33
20	Analysis of urban development of Haridwar, India, using entropy approach. KSCE Journal of Civil Engineering, 2008, 12, 281-288.	1.9	27
21	Development of Refined BOD and DO Models for Highly Polluted Kali River in India. Journal of Environmental Engineering, ASCE, 2007, 133, 839-852.	1.4	21
22	Critical appraisal of BOD and DO models applied to a highly polluted river in India. Hydrological Sciences Journal, 2007, 52, 362-375.	2.6	2
23	Non-point source pollution estimation using a modified approach. Hydrological Processes, 2007, 21, 1098-1105.	2.6	14
24	Estimation of Non-Point Source Pollution in a Typical River of India. , 2006, , 1.		0
25	Estimating Nutrient Outflow from Argicultural Watersheds to the River Kali in India. Journal of Environmental Engineering, ASCE, 2005, 131, 1706-1715.	1.4	14
26	Comparing the stream re-aeration coefficient estimated from ANN and empirical models / Comparaison d'estimations par un RNA et par des modÃ¨les empiriques du coefficient de rÃ©aÃ©ration en cours d'eau. Hydrological Sciences Journal, 2005, 50, .	2.6	12
27	A supplementary approach for estimating reaeration rate coefficients. Hydrological Processes, 2004, 18, 65-79.	2.6	29
28	ESTIMATION OF SCS CURVE NUMBERS FOR A BASIN USING RAINFALL-RUNOFF DATA. ISH Journal of Hydraulic Engineering, 2002, 8, 40-49.	2.1	2
29	Refinement of predictive reaeration equations for a typical Indian river. Hydrological Processes, 2001, 15, 1047-1060.	2.6	46