Amit Bera

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6910997/publications.pdf

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23	631	840585 11	752573 20
papers	citations	h-index	g-index

23	23	23	384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Delineation of groundwater potential zones in Karha river basin, Maharashtra, India, using AHP and geospatial techniques. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	83
2	Landslide hazard zonation mapping using multi-criteria analysis with the help of GIS techniques: a case study from Eastern Himalayas, Namchi, South Sikkim. Natural Hazards, 2019, 96, 935-959.	1.6	70
3	Cleaning the river Damodar (India): impact of COVID-19 lockdown on water quality and future rejuvenation strategies. Environment, Development and Sustainability, 2021, 23, 11975-11989.	2.7	70
4	Delineating groundwater potential zones of agriculture dominated landscapes using GIS based AHP techniques: a case study from Uttar Dinajpur district, West Bengal. Environmental Earth Sciences, 2020, 79, 1.	1.3	69
5	Groundwater vulnerability assessment using GIS-based DRASTIC model in Nangasai River Basin, India with special emphasis on agricultural contamination. Ecotoxicology and Environmental Safety, 2021, 214, 112085.	2.9	67
6	Eco-restoration of river water quality during COVID-19 lockdown in the industrial belt of eastern India. Environmental Science and Pollution Research, 2021, 28, 25514-25528.	2.7	46
7	Assessment of soil loss by universal soil loss equation (USLE) model using GIS techniques: a case study of Gumti River Basin, Tripura, India. Modeling Earth Systems and Environment, 2017, 3, 1.	1.9	27
8	Deep learning and boosting framework for piping erosion susceptibility modeling: spatial evaluation of agricultural areas in the semi-arid region. Geocarto International, 2022, 37, 4628-4654.	1.7	27
9	Groundwater vulnerability assessment using GIS-based DRASTIC model in the upper catchment of Dwarakeshwar river basin, West Bengal, India. Environmental Earth Sciences, 2022, 81, 1.	1.3	26
10	Integrated assessment of groundwater potential zone under agricultural dominated areas in the western part of Dakshin Dinajpur district, West Bengal, India. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	22
11	Water Resource Management in Semi-arid Purulia District of West Bengal, in the Context of Sustainable Development Goals. , 2021, , 501-519.		18
12	Hydro-chemical characterization of groundwater and evaluation of health risk assessment for fluoride contamination areas in the eastern blocks of Purulia district, India. Environment, Development and Sustainability, 2022, 24, 11320-11347.	2.7	15
13	Geospatial Assessment of Groundwater Quality for Drinking through Water Quality Index and Human Health Risk Index in an Upland Area of Chota Nagpur Plateau of West Bengal, India. Environmental Challenges and Solutions, 2021, , 327-358.	0.5	14
14	Morphometric Analysis of Adula River Basin in Maharashtra, India using GIS and Remote Sensing techniques. , 0, , 13-35.		13
15	Study on the Quality of Groundwater and its Impact on Human Health: A Case Study from Murshidabad District, West Bengal. Journal of the Geological Society of India, 2020, 96, 597-602.	0.5	11
16	Estimation of Soil loss by USLE Model using GIS and Remote Sensing techniques: A case study of Muhuri River Basin, Tripura, India. Eurasian Journal of Soil Science, 2017, 6, 206-206.	0.2	11
17	Hydrochemical assessment of groundwater suitability for irrigation in the north-eastern blocks of Purulia district, India using GIS and AHP techniques. Physics and Chemistry of the Earth, 2022, 126, 103108.	1.2	10
18	Suitability assessment of groundwater quality for irrigational use in Sagardighi block, Murshidabad district, West Bengal. Applied Water Science, 2022, 12, 1.	2.8	9

#	Article	IF	Citations
19	Hydrochemical assessment of groundwater for irrigation suitability in the alluvial aquifers of Dakshin Dinajpur district, West Bengal, India. Environmental Earth Sciences, 2021, 80, 1.	1.3	8
20	Assessment of household water consumption during COVID-19 pandemic: a cross-sectional web-based study in India. Sustainable Water Resources Management, 2022, 8, 78.	1.0	7
21	Aquifer Vulnerability Assessment of Chaka River Basin, Purulia, India Using GIS-Based DRASTIC Model. Springer Hydrogeology, 2021, , 239-259.	0.1	5
22	Assessment of Gully Erosion and Estimation of Sediment Yield in Siddheswari River Basin, Eastern India, Using SWAT Model. Advances in Science, Technology and Innovation, 2020, , 279-293.	0.2	3
23	Physicochemical and Microbial Indicators for Water Quality Assessment in an Industrial Catchment of River Damodar, India. , 2022, , 281-301.		0