

Partha Pratim Adhikary

List of Publications by Year in descending order

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38
papers

841
citations

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all docs

42
docs citations

42
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of COVID-19 lockdown and unlock on the health of tropical large river with associated human health risk. Environmental Science and Pollution Research, 2022, 29, 37041-37056.	5.3	4
2	Evaluation of groundwater quality and its impact on human health: a case study from Chotanagpur plateau fringe region in India. Applied Water Science, 2022, 12, 1.	5.6	15
3	Assessment of groundwater potential zone using MCDA and AHP techniques: case study from a tropical river basin of India. Applied Water Science, 2022, 12, 1.	5.6	18
4	Effect of urbanization on the dynamics of ecosystem services: An analysis for decision making in Kolkata urban agglomeration. Urban Ecosystems, 2022, 25, 1541-1559.	2.4	10
5	Groundwater and Space Technology: Issues and Challenges. , 2021, , 83-102.		0
6	Quantifying forest cover changes in Koraput district, India using remote sensing and GIS. , 2021, , 185-191.		0
7	Introduction to Groundwater and Society: Applications of Geospatial Technology. , 2021, , 3-9.		0
8	Watershed Development Impact on Natural Resources: Groundwater and Surface Water Utilization. , 2021, , 365-380.		0
9	Introduction to Part I: Soil and Sediment Contaminants, Risk Assessment, and Remediation. Environmental Challenges and Solutions, 2021, , 3-6.	0.9	0
10	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.	5.3	46
11	Assessment of non-carcinogenic health risk of heavy metal pollution: evidences from coal mining region of eastern India. Environmental Science and Pollution Research, 2021, 28, 47275-47293.	5.3	25
12	Geospatial and Geophysical Approaches for Assessment of Groundwater Resources in an Alluvial Aquifer of India. , 2021, , 53-82.		0
13	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.	5.0	70
14	Positive effects of COVID-19 lockdown on river water quality: evidence from River Damodar, India. Scientific Reports, 2021, 11, 20140.	3.3	36
15	Hedge row intercropping impact on run-off, soil erosion, carbon sequestration and millet yield. Nutrient Cycling in Agroecosystems, 2020, 116, 103-116.	2.2	18
16	Spatial Extent, Formation Process, Reclaimability Classification System and Restoration Strategies of Gully and Ravine Lands in India. Advances in Science, Technology and Innovation, 2020, , 1-20.	0.4	6
17	Soil Disintegration Characteristics on Ephemeral Gully Collapsing in Lateritic Belt of West Bengal, India. Advances in Science, Technology and Innovation, 2020, , 21-33.	0.4	4
18	Rainfall erosivity and erosivity density in Eastern Ghats Highland of east India. Natural Hazards, 2019, 97, 727-746.	3.4	20

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19	Numerical simulation to assess potential groundwater recharge and net groundwater use in a semi-arid region. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 371.	2.7	15
20	Effect of Calibration and Validation Decisions on Streamflow Modeling for a Heterogeneous and Low Runoffâ€“Producing River Basin in India. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	1.9	20
21	Land use and land cover dynamics with special emphasis on shifting cultivation in Eastern Ghats Highlands of India using remote sensing data and GIS. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 315.	2.7	28
22	Comparison of rainfall kinetic energyâ€“intensity relationships for Eastern Ghats Highland region of India. <i>Natural Hazards</i> , 2018, 93, 547-558.	3.4	5
23	Soil and onsite nutrient conservation potential of aromatic grasses at field scale under a shifting cultivated, degraded catchment in Eastern Ghats, India. <i>International Journal of Sediment Research</i> , 2018, 33, 340-350.	3.5	12
24	Energy Consumption and Sensitivity Analysis of Rainfed Chickpea Production in Vertisols of Semi-arid Karnataka. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 685-694.	1.0	0
25	Comparison of deterministic and stochastic methods to predict spatial variation of groundwater depth. <i>Applied Water Science</i> , 2017, 7, 339-348.	5.6	67
26	Multitier agroforestry system for integrated resource conservation on uplands of Eastern Ghats region in India. <i>Agroforestry Systems</i> , 2017, 91, 697-712.	2.0	13
27	Soil erosion control and carbon sequestration in shifting cultivated degraded highlands of eastern India: performance of two contour hedgerow systems. <i>Agroforestry Systems</i> , 2017, 91, 757-771.	2.0	38
28	Soil water budgeting approach to quantify potential groundwater recharge from croplands and groundwater use in a semi-arid region. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	4
29	Simulation of Nitrate Leaching under Maizeâ€“Wheat Cropping System in a Semiarid Irrigated Area of the Indo-Gangetic Plain, India. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016, 142, 04015053.	1.0	9
30	Prediction of root zone water and nitrogen balance in an irrigated rice field using a simulation model. <i>Paddy and Water Environment</i> , 2015, 13, 281-290.	1.8	46
31	GIS applicability to assess spatio-temporal variation of groundwater quality and sustainable use for irrigation. <i>Arabian Journal of Geosciences</i> , 2015, 8, 2699-2711.	1.3	14
32	Electrical resistivity tomography for assessment of groundwater salinity in west Delhi, India. <i>Arabian Journal of Geosciences</i> , 2015, 8, 2687-2698.	1.3	15
33	Geospatial comparison of four models to predict soil erodibility in a semi-arid region of Central India. <i>Environmental Earth Sciences</i> , 2014, 72, 5049-5062.	2.7	19
34	Evaluation of groundwater quality for irrigation and drinking using GIS and geostatistics in a peri-urban area of Delhi, India. <i>Arabian Journal of Geosciences</i> , 2012, 5, 1423-1434.	1.3	59
35	Indicator and probability kriging methods for delineating Cu, Fe, and Mn contamination in groundwater of Najafgarh Block, Delhi, India. <i>Environmental Monitoring and Assessment</i> , 2011, 176, 663-676.	2.7	50
36	Assessment of groundwater pollution in West Delhi, India using geostatistical approach. <i>Environmental Monitoring and Assessment</i> , 2010, 167, 599-615.	2.7	84

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37	Statistical approaches for hydrogeochemical characterization of groundwater in West Delhi, India. Environmental Monitoring and Assessment, 2009, 154, 41-52.	2.7	27
38	Pedotransfer functions for predicting the hydraulic properties of Indian soils. Soil Research, 2008, 46, 476.	1.1	44