

Sanat Kumar Guchhait

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

325
citations

933447

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h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of hydrological regime and floodplain sediments in channel instability of the Bhagirathi River, Ganga-Brahmaputra Delta, India. <i>Physical Geography</i> , 2016, 37, 476-510.	1.4	56
2	Analysing the influence of Farakka Barrage Project on channel dynamics and meander geometry of Bhagirathi river of West Bengal, India. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	1.3	48
3	Search for social justice for the victims of erosion hazard along the banks of river Bhagirathi by hydraulic control: a case study of West Bengal, India. <i>Environment, Development and Sustainability</i> , 2017, 19, 433-459.	5.0	37
4	Hydrogeomorphic variability due to dam constructions and emerging problems: a case study of Damodar River, West Bengal, India. <i>Environment, Development and Sustainability</i> , 2014, 16, 769-796.	5.0	36
5	Assessing anthropogenic disturbance on forest health based on fragment grading in Durgapur Forest Range, West Bengal, India. <i>Spatial Information Research</i> , 2017, 25, 501-512.	2.2	29
6	Dam-induced changes in flood hydrology and flood frequency of tropical river: a study in Damodar River of West Bengal, India. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	28
7	Analysis of Social and Psychological Terrain of Bank Erosion Victims: A Study Along the Bhagirathi River, West Bengal, India. <i>Chinese Geographical Science</i> , 2018, 28, 1009-1026.	3.0	19
8	Characterizing cross-sectional morphology and channel inefficiency of lower Bhagirathi River, India, in post-Farakka barrage condition. <i>Natural Hazards</i> , 2020, 103, 3803-3836.	3.4	19
9	Palaeoenvironmental significance of fluvial facies and archives of Late Quaternary deposits in the floodplain of Damodar River, India. <i>Arabian Journal of Geosciences</i> , 2014, 7, 4145-4161.	1.3	13
10	Estimation of Geomorphic Threshold in Permanent Gullies of Lateritic Terrain in Birbhum, West Bengal, India. <i>Current Science</i> , 2017, 113, 478.	0.8	12
11	Social engineering as shock absorbing mechanism against bank erosion: a study along Bhagirathi river, West Bengal, India. <i>International Journal of River Basin Management</i> , 2021, 19, 379-392.	2.7	11
12	Assessment of land use land cover dynamics and urban growth of Kanksa Block in Paschim Bardhaman District, West Bengal. <i>Geo Journal</i> , 2022, 87, 971-990.	3.1	10
13	Geomorphic character and dynamics of gully morphology, erosion and management in laterite Terrain: few observations from Dwarka " Brahmani Interfluve, Eastern India. , 2022, 6, 188-216.		7