

Priyank Pravin Patel

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

732
citations

623188

14
h-index

552369

26
g-index

41
all docs

41
docs citations

41
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Inventory and GLOF hazard assessment of glacial lakes in the Sikkim Himalayas, India. <i>Geocarto International</i> , 2022, 37, 3840-3876.	1.7	9
2	Ecosystem services value assessment and forecasting using integrated machine learning algorithm and CA-Markov model: an empirical investigation of an Asian megacity. <i>Geocarto International</i> , 2022, 37, 8417-8439.	1.7	8
3	Geography matters for sanitation! Spatial heterogeneity of the district-level correlates of open defecation in India. <i>Singapore Journal of Tropical Geography</i> , 2022, 43, 62-84.	0.6	6
4	Mapping, Measuring and Modelling Common Fluvial Hazards in Riparian Zones: A Brief Review of Relevant Concepts and Methods. <i>Advances in Geographic Information Science</i> , 2022, , 353-389.	0.3	3
5	Examining the expansion of Urban Heat Island effect in the Kolkata Metropolitan Area and its vicinity using multi-temporal MODIS satellite data. <i>Advances in Space Research</i> , 2022, 69, 1960-1977.	1.2	16
6	Crop-type mapping and acreage estimation in smallholding plots using Sentinel-2 images and machine learning algorithms: Some comparisons. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2022, 25, 147-156.	1.1	15
7	Planform changes and alterations of longitudinal connectivity caused by the 2019 flood event on the braided Brahmaputra River in Assam, India. <i>Geomorphology</i> , 2022, 403, 108174.	1.1	6
8	Spatial Variability of Topographic Attributes and Channel Morphological Characteristics in the Ladakh Trans-Himalayas and Their Tectonic and Structural Controls. <i>Society of Earth Scientists Series</i> , 2022, , 67-110.	0.2	1
9	A district-level susceptibility and vulnerability assessment of the COVID-19 pandemic's footprint in India. <i>Spatial and Spatio-temporal Epidemiology</i> , 2021, 36, 100390.	0.9	25
10	Towards an Enhanced Understanding of Caste-Based Residential Segregation in Indian Cities: Reflections from Kolkata and Bengaluru. <i>Spatial Demography</i> , 2021, 9, 187-211.	0.4	2
11	Spatio-temporal patterns of urbanization in the Kolkata Urban Agglomeration: A dynamic spatial territory-based approach. <i>Sustainable Cities and Society</i> , 2021, 67, 102715.	5.1	48
12	An investigation into longitudinal forms of gullies within the "Grand Canyon" of Bengal, Eastern India. <i>Transactions in GIS</i> , 2021, 25, 2501-2528.	1.0	6
13	Gauging the effects of the COVID-19 pandemic lockdowns on atmospheric pollution content in select countries. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 23, 100551.	0.8	2
14	Modern analogue to past coseismic ground uplift in North Andaman, India. <i>Catena</i> , 2021, 205, 105471.	2.2	1
15	Towards improved USLE-based soil erosion modelling in India: A review of prevalent pitfalls and implementation of exemplar methods. <i>Earth-Science Reviews</i> , 2021, 221, 103786.	4.0	24
16	Dominant urban form and its relation to nighttime land surface temperature in the rapidly urbanizing National Capital Region of India. <i>Urban Climate</i> , 2021, 40, 101002.	2.4	16
17	Some respite for India's dirtiest river? Examining the Yamuna's water quality at Delhi during the COVID-19 lockdown period. <i>Science of the Total Environment</i> , 2020, 744, 140851.	3.9	90
18	Implementing Vetiver grass-based riverbank protection programmes in rural West Bengal, India. <i>Natural Hazards</i> , 2020, 103, 1051-1076.	1.6	14

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19	Application of ecological and aesthetic parameters for riparian quality assessment of a small tropical river in eastern India. <i>Ecological Indicators</i> , 2020, 117, 106627.	2.6	19
20	Location matters: Unravelling the spatial dimensions of neighbourhood level housing quality in Kolkata, India. <i>Habitat International</i> , 2020, 99, 102157.	2.3	22
21	Using Ground-Based Photogrammetry for Fine-Scale Gully Morphology Studies: Some Examples. <i>Advances in Science, Technology and Innovation</i> , 2020, , 207-220.	0.2	4
22	Modifications of the Geomorphic Diversity by Anthropogenic Interventions in the Silabati River Basin. , 2020, , 331-355.		7
23	Assessing the degree of soil salinity in the Indian Sundarban Biosphere Reserve using measured soil electrical conductivity and remote sensing data-derived salinity indices. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	12
24	Morphological Aspects of the Bakreshwar River Corridor in Western Fringe of Lower Ganga Basin. <i>Geography of the Physical Environment</i> , 2019, , 155-189.	0.2	6
25	Reading the geography of India's district-level fertility differentials: a spatial econometric approach. <i>Journal of Biosocial Science</i> , 2019, 51, 745-774.	0.5	6
26	Assessing coastal island vulnerability in the Sundarban Biosphere Reserve, India, using geospatial technology. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	44
27	A comparison of frequency ratio and fuzzy logic models for flood susceptibility assessment of the lower Kosi River Basin in India. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	93
28	Land Use - Terrain Correlations in the Piedmont Tract of Eastern India. , 2019, , 1026-1064.		0
29	Examining the utility of river restoration approaches for flood mitigation and channel stability enhancement: a recent review. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	36
30	Spatial Segregation in Indian Cities. <i>Environment and Urbanization ASIA</i> , 2018, 9, 52-68.	0.9	15
31	Growth of metro cities in India: trends, patterns and determinants. <i>Urban Research and Practice</i> , 2018, 11, 338-377.	1.2	33
32	Examining the physical and human dichotomy in geography: existing divisions and possible mergers in pedagogic outlooks. <i>Geographical Research</i> , 2017, 55, 100-120.	0.9	2
33	Evidence of topographic disequilibrium in the Subarnarekha River Basin, India: A digital elevation model based analysis. <i>Journal of Earth System Science</i> , 2017, 126, 1.	0.6	22
34	Land Use - Terrain Correlations in the Piedmont Tract of Eastern India. <i>Advances in Geospatial Technologies Book Series</i> , 2017, , 147-192.	0.1	7
35	Evaluation of different digital elevation models for analyzing drainage morphometric parameters in a mountainous terrain: a case study of the Supin's Upper Tons Basin, Indian Himalayas. <i>SpringerPlus</i> , 2016, 5, 1544.	1.2	68
36	Assessing Hindu-Muslim Fertility Differentials in West Bengal. <i>Journal of Family History</i> , 2016, 41, 192-224.	0.2	6

#	ARTICLE	IF	CITATIONS
37	Socioeconomic and Cultural Differentials of Contraceptive Usage in West Bengal. Journal of Family History, 2015, 40, 230-249.	0.2	10
38	Terrain characterization using SRTM data. Journal of the Indian Society of Remote Sensing, 2010, 38, 11-24.	1.2	24