

Priyank Pravin Patel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9570172/publications.pdf>

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	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
2	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
3	Evaluation of different digital elevation models for analyzing drainage morphometric parameters in a mountainous terrain: a case study of the Supinâ€œUpper Tons Basin, Indian Himalayas. <i>SpringerPlus</i> , 2016, 5, 1544.	1.2	68
4	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
5	Assessing coastal island vulnerability in the Sundarban Biosphere Reserve, India, using geospatial technology. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	44
6	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
7	Growth of metro cities in India: trends, patterns and determinants. <i>Urban Research and Practice</i> , 2018, 11, 338-377.	1.2	33
8	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
9	Terrain characterization using SRTM data. <i>Journal of the Indian Society of Remote Sensing</i> , 2010, 38, 11-24.	1.2	24
10	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
11	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
12	Location matters: Unravelling the spatial dimensions of neighbourhood level housing quality in Kolkata, India. <i>Habitat International</i> , 2020, 99, 102157.	2.3	22
13	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
14	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
15	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
16	Spatial Segregation in Indian Cities. <i>Environment and Urbanization ASIA</i> , 2018, 9, 52-68.	0.9	15
17	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
18	Implementing Vetiver grass-based riverbank protection programmes in rural West Bengal, India. <i>Natural Hazards</i> , 2020, 103, 1051-1076.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Assessing the degree of soil salinity in the Indian Sundarban Biosphere Reserve using measured soil electrical conductivity and remote sensing dataâ€ derived salinity indices. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	12
20	Socioeconomic and Cultural Differentials of Contraceptive Usage in West Bengal. <i>Journal of Family History</i> , 2015, 40, 230-249.	0.2	10
21	Inventory and GLOF hazard assessment of glacial lakes in the Sikkim Himalayas, India. <i>Geocarto International</i> , 2022, 37, 3840-3876.	1.7	9
22	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
23	Modifications of the Geomorphic Diversity by Anthropogenic Interventions in the Silabati River Basin. , 2020, , 331-355.		7
24	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
25	Assessing Hinduâ€ Muslim Fertility Differentials in West Bengal. <i>Journal of Family History</i> , 2016, 41, 192-224.	0.2	6
26	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
27	Reading the geography of Indiaâ€™s district-level fertility differentials: a spatial econometric approach. <i>Journal of Biosocial Science</i> , 2019, 51, 745-774.	0.5	6
28	An investigation into longitudinal forms of gullies within the â€ Grand Canyonâ€ of Bengal, Eastern India. <i>Transactions in GIS</i> , 2021, 25, 2501-2528.	1.0	6
29	Geography matters for sanitation! Spatial heterogeneity of the districtâ€level correlates of open defecation in India. <i>Singapore Journal of Tropical Geography</i> , 2022, 43, 62-84.	0.6	6
30	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
31	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
32	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
33	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
34	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
35	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
36	Modern analogue to past coseismic ground uplift in North Andaman, India. <i>Catena</i> , 2021, 205, 105471.	2.2	1

#	ARTICLE	IF	CITATIONS
37	Spatial Variability of Topographic Attributes and Channel Morphological Characteristics in the Ladakh Trans-Himalayas and Their Tectonic and Structural Controls. Society of Earth Scientists Series, 2022, , 67-110.	0.2	1
38	Land Use - Terrain Correlations in the Piedmont Tract of Eastern India. , 2019, , 1026-1064.		0