

Aniruddha Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,053
citations

471509

17
h-index

677142

22
g-index

36
all docs

36
docs citations

36
times ranked

3035
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of studies on tree species classification from remotely sensed data. Remote Sensing of Environment, 2016, 186, 64-87.	11.0	598
2	Evaluation of vertical accuracy of open source Digital Elevation Model (DEM). International Journal of Applied Earth Observation and Geoinformation, 2013, 21, 205-217.	2.8	258
3	A framework for mapping tree species combining hyperspectral and LiDAR data: Role of selected classifiers and sensor across three spatial scales. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 49-63.	2.8	242
4	A comparison of selected classification algorithms for mapping bamboo patches in lower Gangetic plains using very high resolution WorldView 2 imagery. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 298-311.	2.8	152
5	Comparison of Feature Reduction Algorithms for Classifying Tree Species With Hyperspectral Data on Three Central European Test Sites. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2547-2561.	4.9	140
6	Assessing the potential of hyperspectral imagery to map bark beetle-induced tree mortality. Remote Sensing of Environment, 2014, 140, 533-548.	11.0	112
7	Uniting remote sensing, crop modelling and economics for agricultural risk management. Nature Reviews Earth & Environment, 2021, 2, 140-159.	29.7	88
8	Random forest classification of urban landscape using Landsat archive and ancillary data: Combining seasonal maps with decision level fusion. Applied Geography, 2014, 48, 31-41.	3.7	83
9	Decision tree approach for classification of remotely sensed satellite data using open source support. Journal of Earth System Science, 2013, 122, 1237-1247.	1.3	58
10	Rice intensification in Bangladesh improves economic and environmental welfare. Environmental Science and Policy, 2019, 95, 46-57.	4.9	55
11	Hyperspectral imagery for disaggregation of land surface temperature with selected regression algorithms over different land use land cover scenes. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 96, 76-93.	11.1	48
12	Assessment of pan-sharpened very high-resolution WorldView-2 images. International Journal of Remote Sensing, 2013, 34, 8336-8359.	2.9	37
13	Spatio-temporal footprints of urbanisation in Surat, the Diamond City of India (1990â€“2009). Environmental Monitoring and Assessment, 2013, 185, 3313-3325.	2.7	32
14	Assessing biome boundary shifts under climate change scenarios in India. Ecological Indicators, 2013, 34, 536-547.	6.3	28
15	Characterizing fragmentation trends of the Himalayan forests in the Kumaon region of Uttarakhand, India. Ecological Informatics, 2017, 38, 95-109.	5.2	24
16	Identifying Dry-Season Rice-Planting Patterns in Bangladesh Using the Landsat Archive. Remote Sensing, 2019, 11, 1235.	4.0	22
17	Analysing spatio-temporal footprints of urbanization on environment of Surat city using satellite-derived bio-physical parameters. Geocarto International, 2013, 28, 420-438.	3.5	20
18	Agricultural intensification was associated with crop diversification in India (1947-2014). PLoS ONE, 2019, 14, e0225555.	2.5	18

#	ARTICLE	IF	CITATIONS
19	Crowd-Driven and Automated Mapping of Field Boundaries in Highly Fragmented Agricultural Landscapes of Ethiopia with Very High Spatial Resolution Imagery. <i>Remote Sensing</i> , 2019, 11, 2082.	4.0	14
20	Satellite-Based Observations Reveal Effects of Weather Variation on Rice Phenology. <i>Remote Sensing</i> , 2020, 12, 1522.	4.0	14
21	How community forest management performs when REDD+ payments fail. <i>Environmental Research Letters</i> , 2022, 17, 034019.	5.2	7
22	Landscape characterization of Sariska National Park (India) and its surroundings. <i>Geo-Spatial Information Science</i> , 2011, 14, 303-310.	5.3	2
23	Identification of bamboo patches in the lower Gangetic plains using very high resolution WorldView 2 imagery. , 2013, , .		0