Akash Anand

List of Publications by Year
in descending order

19 papers	282 citations	1170033 9 h-index	1255698 13 g-index
20 all docs	20 docs citations	20 times ranked	213 citing authors

#	Article	IF	Citations
1	Band selection algorithms for foliar trait retrieval using AVIRIS-NG: a comparison of feature based attribute evaluators. Geocarto International, 2022, 37, 4071-4087.	1.7	5
2	Synergistic evaluation of Sentinel 1 and 2 for biomass estimation in a tropical forest of India. Advances in Space Research, 2022, 69, 1752-1767.	1.2	21
3	Optimal band characterization in reformation of hyperspectral indices for species diversity estimation. Physics and Chemistry of the Earth, 2022, 126, 103040.	1.2	10
4	Tree's detection & health's assessment from ultra-high resolution UAV imagery and deep learning. Geocarto International, 2022, 37, 10459-10479.	1.7	6
5	Sentinel SAR Data and In-Situ-Based High-Resolution Above-Ground Carbon Stocks Estimation Within the Open Forests of Ramgarh District. , 2022, , 402-422.		0
6	Assessing the niche of Rhododendron arboreum using entropy and machine learning algorithms: role of atmospheric, ecological, and hydrological variables. Journal of Applied Remote Sensing, 2022, 16, .	0.6	3
7	Soil erosion in future scenario using CMIP5 models and earth observation datasets. Journal of Hydrology, 2021, 594, 125851.	2.3	38
8	GIS-based analysis for soil moisture estimation via kriging with external drift. , 2021, , 391-408.		4
9	Highlighting the compound risk of COVID-19 and environmental pollutants using geospatial technology. Scientific Reports, 2021, 11, 8363.	1.6	11
10	Integrating Multi-Sensors Data for Species Distribution Mapping Using Deep Learning and Envelope Models. Remote Sensing, 2021, 13, 3284.	1.8	8
11	An Integrated Spatiotemporal Pattern Analysis Model to Assess and Predict the Degradation of Protected Forest Areas. ISPRS International Journal of Geo-Information, 2020, 9, 530.	1.4	9
12	Revisiting hyperspectral remote sensing: origin, processing, applications and way forward. , 2020, , 3-21.		14
13	Use of Hyperion for Mangrove Forest Carbon Stock Assessment in Bhitarkanika Forest Reserve: A Contribution Towards Blue Carbon Initiative. Remote Sensing, 2020, 12, 597.	1.8	41
14	Synergetic use of in situ and hyperspectral data for mapping species diversity and above ground biomass in Shoolpaneshwar Wildlife Sanctuary, Gujarat. Tropical Ecology, 2020, 61, 106-115.	0.6	14
15	Sentinel SAR Data and In-Situ-Based High-Resolution Above-Ground Carbon Stocks Estimation Within the Open Forests of Ramgarh District. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 180-205.	0.3	0
16	Spatial distribution of mangrove forest species and biomass assessment using field inventory and earth observation hyperspectral data. Biodiversity and Conservation, 2019, 28, 2143-2162.	1.2	59
17	LU/LC Change Detection and Forest Degradation Analysis in Dalma Wildlife Sanctuary Using 3S Technology: A Case Study in Jamshedpur-India. AIMS Geosciences, 2016, 2, 273-285.	0.4	29
18	Rainfall rate estimation over India using global precipitation measurementâ€™s microwave imager datasets and different variants of fuzzy information system. Geocarto International, 0, , 1-19.	1.7	2

#	Article	IF	Citations
19	Development of hyperspectral indices for anti-cancerous Taxol content estimation in the Himalayan region. Geocarto International, 0, , 1-14.	1.7	3