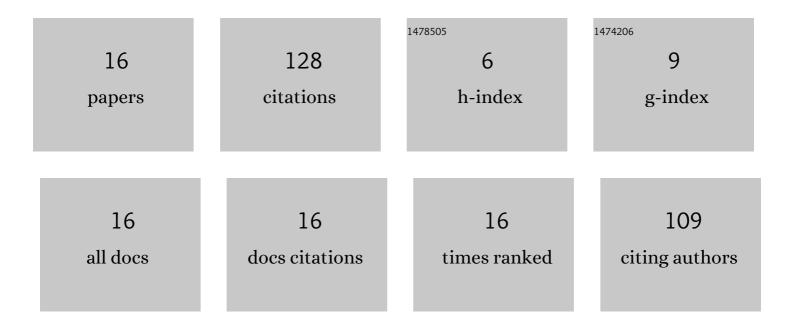
Sumit Kumar Chaudhary

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Machine learning algorithms for soil moisture estimation using Sentinel-1: Model development and implementation. Advances in Space Research, 2022, 69, 1799-1812.	2.6	25
2	Land subsidence mapping and monitoring using modified persistent scatterer interferometric synthetic aperture radar in Jharia Coalfield, India. Journal of Earth System Science, 2020, 129, 1.	1.3	21
3	Synergistic evaluation of Sentinel 1 and 2 for biomass estimation in a tropical forest of India. Advances in Space Research, 2022, 69, 1752-1767.	2.6	21
4	Denoising AVIRIS-NG Data for Generation of New Chlorophyll Indices. IEEE Sensors Journal, 2021, 21, 6982-6989.	4.7	13
5	ScatSat-1 Leaf Area Index Product: Models Comparison, Development, and Validation Over Cropland. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 563-567.	3.1	12
6	Detection and Analysis of Coal Fire in Jharia Coalfield (JCF) Using Landsat Remote Sensing Data. Journal of the Indian Society of Remote Sensing, 2020, 48, 181-195.	2.4	12
7	Future challenges in agricultural water management. , 2021, , 445-456.		6
8	Impact of land use dynamics on land surface temperature in Jharia coalfield. , 2018, , .		5
9	Performance analysis of hyperspherical colour sharpening method for IRS satellite images. Imaging Science Journal, 2016, 64, 305-312.	0.5	3
10	Evaluation of Radar/Optical Based Vegetation Descriptors in Water Cloud Model for Soil Moisture Retrieval. IEEE Sensors Journal, 2021, 21, 21030-21037.	4.7	3
11	Land surface deformation parameter estimation using persistent scatterer interferometry approach in an underground metal mining environment. Imaging Science Journal, 2018, 66, 289-302.	0.5	2
12	Rainfall rate estimation over India using global precipitation measurement's microwave imager datasets and different variants of fuzzy information system. Geocarto International, 0, , 1-19.	3.5	2
13	Multi-Classifier Fusion for Land Use Land Cover Mapping in Jharia Coal Field. , 2016, , 773-777.		1
14	Assessment of deforestation and land use land cover dynamics in West Singhbhum, Jharakhand, India using geospatial techniques. , 2018, , .		1
15	Artificial neural network for the estimation of soil moisture using earth observation datasets. , 2021, , 227-239.		1

16 Concepts and methodologies for agricultural water management. , 2021, , 1-18.