Pardhasaradhi G Teluguntla

List of Publications by Year
in descending order

15 papers	1,325 citations	840776 11 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	1650 citing authors

#	Article	IF	Citations
1	Machine Learning Approaches and Sentinel-2 Data in Crop Type Mapping. Studies in Big Data, 2022, , 161-180.	1.1	2
2	Multiple agricultural cropland products of South Asia developed using Landsat-8 30 m and MODIS 250 m data using machine learning on the Google Earth Engine (GEE) cloud and spectral matching techniques (SMTs) in support of food and water security. GIScience and Remote Sensing, 2022, 59, 1048-1077.	5.9	17
3	A meta-analysis of global crop water productivity of three leading world crops (wheat, corn, and) Tj ETQq1 1 0.784314 rgBT /Overlock	3.9	42
4	Agricultural cropland extent and areas of South Asia derived using Landsat satellite 30-m time-series big-data using random forest machine learning algorithms on the Google Earth Engine cloud. GIScience and Remote Sensing, 2020, 57, 302-322.	5.9	86
5	Impact of flooded rice paddy on remotely sensed evapotranspiration in the Krishna River basin, India. Hydrological Processes, 2020, 34, 2190-2199.	2.6	4
6	Mapping cropland extent of Southeast and Northeast Asia using multi-year time-series Landsat 30-m data using a random forest classifier on the Google Earth Engine Cloud. International Journal of Applied Earth Observation and Geoinformation, 2019, 81, 110-124.	2.8	110
7	A 30-m landsat-derived cropland extent product of Australia and China using random forest machine learning algorithm on Google Earth Engine cloud computing platform. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 144, 325-340.	11.1	316
8	Mapping cropland fallow areas in myanmar to scale up sustainable intensification of pulse crops in the farming system. GIScience and Remote Sensing, 2018, 55, 926-949.	5.9	31
9	Spectral matching techniques (SMTs) and automated cropland classification algorithms (ACCAs) for mapping croplands of Australia using MODIS 250-m time-series (2000â€"2015) data. International Journal of Digital Earth, 2017, 10, 944-977.	3.9	44
10	Automated cropland mapping of continental Africa using Google Earth Engine cloud computing. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 126, 225-244.	11.1	342
11	Nominal 30-m Cropland Extent Map of Continental Africa by Integrating Pixel-Based and Object-Based Algorithms Using Sentinel-2 and Landsat-8 Data on Google Earth Engine. Remote Sensing, 2017, 9, 1065.	4.0	255
12	Mapping Flooded Rice Paddies Using Time Series of MODIS Imagery in the Krishna River Basin, India. Remote Sensing, 2015, 7, 8858-8882.	4.0	26
13	Hot spot analysis using NDVI data for impact assessment of watershed development. , 2015, , .		4
14	Relating Trends in Streamflow to Anthropogenic Influences: A Case Study of Himayat Sagar Catchment, India. Water Resources Management, 2014, 28, 1579-1595.	3.9	20
15	Multidecadal Trend of Basinâ€Scale Evapotranspiration Estimated Using AVHRR Data in the Krishna River Basin, India. Vadose Zone Journal, 2013, 12, 1-14.	2.2	6