

Pardhasaradhi G Teluguntla

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Spectral matching techniques (SMTs) and automated cropland classification algorithms (ACCAs) for mapping croplands of Australia using MODIS 250-m time-series (2000-2015) data. International Journal of Digital Earth, 2017, 10, 944-977. | 3.9 | 44 |
| 7 | A meta-analysis of global crop water productivity of three leading world crops (wheat, corn, and soybean) using remote sensing data. International Journal of Remote Sensing, 2019, 40, 1074-1091. | 3.9 | 42 |
| 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 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Multidecadal Trend of Basin-Scale Evapotranspiration Estimated Using AVHRR Data in the Krishna River Basin, India. Vadose Zone Journal, 2013, 12, 1-14. | 2.2 | 6 |
| 13 | Hot spot analysis using NDVI data for impact assessment of watershed development. , 2015, , . | | 4 |
| 14 | Impact of flooded rice paddy on remotely sensed evapotranspiration in the Krishna River basin, India. Hydrological Processes, 2020, 34, 2190-2199. | 2.6 | 4 |
| 15 | Machine Learning Approaches and Sentinel-2 Data in Crop Type Mapping. Studies in Big Data, 2022, , 161-180. | 1.1 | 2 |