

Guido G Lemoine

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,836
citations

16
h-index

37
g-index

37
ext. papers

2,286
ext. citations

10.1
avg, IF

4.93
L-index

#	Paper	IF	Citations
30	A map of the extent and year of detection of oil palm plantations in Indonesia, Malaysia and Thailand. <i>Scientific Data</i> , 2021 , 8, 96	8.2	7
29	LUCAS Copernicus 2018: Earth-observation-relevant in situ data on land cover and use throughout the European Union. <i>Earth System Science Data</i> , 2021 , 13, 1119-1133	10.5	6
28	Reply to Wernick, I. K. et al.; Palahniuk, M. et al. <i>Nature</i> , 2021 , 592, E18-E23	50.4	8
27	Comparing land surface phenology of major European crops as derived from SAR and multispectral data of Sentinel-1 and -2. <i>Remote Sensing of Environment</i> , 2021 , 253, 112232	13.2	26
26	From parcel to continental scale: A first European crop type map based on Sentinel-1 and LUCAS Copernicus in-situ observations. <i>Remote Sensing of Environment</i> , 2021 , 266, 112708	13.2	21
25	Abrupt increase in harvested forest area over Europe after 2015. <i>Nature</i> , 2020 , 583, 72-77	50.4	95
24	Detecting flowering phenology in oil seed rape parcels with Sentinel-1 and -2 time series. <i>Remote Sensing of Environment</i> , 2020 , 239, 111660	13.2	41
23	Harmonised LUCAS in-situ land cover and use database for field surveys from 2006 to 2018 in the European Union. <i>Scientific Data</i> , 2020 , 7, 352	8.2	18
22	ASAP: A new global early warning system to detect anomaly hot spots of agricultural production for food security analysis. <i>Agricultural Systems</i> , 2019 , 168, 247-257	6.1	40
21	Crowdsourced Street-Level Imagery as a Potential Source of In-Situ Data for Crop Monitoring. <i>Land</i> , 2018 , 7, 127	3.5	9
20	High Spatio- Temporal Resolution Land Surface Temperature Mission - a Copernicus Candidate Mission in Support of Agricultural Monitoring 2018 ,		15
19	Targeted Grassland Monitoring at Parcel Level Using Sentinels, Street-Level Images and Field Observations. <i>Remote Sensing</i> , 2018 , 10, 1300	5	27
18	ASAP - Anomaly hot Spots of Agricultural Production, a new early warning decision support system developed by the Joint Research Centre 2017 ,		3
17	Parcel-Based Crop Classification in Ukraine Using Landsat-8 Data and Sentinel-1A Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016 , 9, 2500-2508	4.7	105
16	Parcel based classification for agricultural mapping and monitoring using multi-temporal satellite image sequences 2015 ,		15
15	Remote sensing time series analysis for crop monitoring with the SPIRITS software: new functionalities and use examples. <i>Frontiers in Environmental Science</i> , 2015 , 3,	4.8	25
14	Crop mapping applications at scale: Using Google Earth Engine to enable global crop area and status monitoring using free and open data sources 2015 ,		4

13	Geo-Correction of High-Resolution Imagery Using Fast Template Matching on a GPU in Emergency Mapping Contexts. <i>Remote Sensing</i> , 2013 , 5, 4488-4502	5	9
12	Fast Surface Height Determination Using Multi-Angular WorldView-2 Ortho Ready Urban Scenes. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012 , 5, 80-88	4.7	6
11	Comparison of Damage Assessment Maps Derived from Very High Spatial Resolution Satellite and Aerial Imagery Produced for the Haiti 2010 Earthquake. <i>Earthquake Spectra</i> , 2011 , 27, 199-218	3.4	19
10	A Comprehensive Analysis of Building Damage in the 12 January 2010 Mw7 Haiti Earthquake Using High-Resolution Satellite and Aerial Imagery. <i>Photogrammetric Engineering and Remote Sensing</i> , 2011 , 77, 997-1009	1.6	67
9	Radar Imaging Simulation for Urban Structures. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011 , 8, 68-72	4.1	17
8	On the Relationship Between Double Bounce and the Orientation of Buildings in VHR SAR Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011 , 8, 612-616	4.1	39
7	Change detection for earthquake damage assessment in built-up areas using very high resolution optical and SAR imagery 2010 ,		16
6	Earthquake Damage Assessment of Buildings Using VHR Optical and SAR Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 , 48, 2403-2420	8.1	311
5	Analysis of the reliability of the double bounce scattering mechanism for detecting buildings in VHR SAR images 2009 ,		14
4	Distributed Geospatial Data Processing Functionality to Support Collaborative and Rapid Emergency Response. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2009 , 2, 33-46	4.7	28
3	Superoverlay Deployment in Grid-Enabled Image Processing 2008 ,		1
2	A Method for Estimating Soil Moisture from ERS Scatterometer and Soil Data. <i>Remote Sensing of Environment</i> , 1999 , 70, 191-207	13.2	837
1	LUCAS Copernicus 2018: Earth Observation relevant in-situ data on land cover throughout the European Union		5