Guido G Lemoine

List of Publications by Year
in descending order

35 papers	2,688 citations	471509 17 h-index	610901 24 g-index
37 all docs	37 docs citations	37 times ranked	3173 citing authors

#	Article	IF	Citations
1	Potentials and limitations of NFIs and remote sensing in the assessment of harvest rates: a reply to Breidenbach et al.. Annals of Forest Science, 2022, 79, .	2.0	1
2	Comparing land surface phenology of major European crops as derived from SAR and multispectral data of Sentinel-1 and -2. Remote Sensing of Environment, 2021, 253, 112232.	11.0	77
3	A map of the extent and year of detection of oil palm plantations in Indonesia, Malaysia and Thailand. Scientific Data, 2021, 8, 96.	5.3	32
4	LUCAS Copernicus 2018: Earth-observation-relevant in situ data on land cover and use throughout the European Union. Earth System Science Data, 2021, 13, 1119-1133.	9.9	18
5	Reply to Wernick, I. K. et al.; Palahí, M. et al.. Nature, 2021, 592, E18-E23.	27.8	16
6	From parcel to continental scale â€" A first European crop type map based on Sentinel-1 and LUCAS Copernicus in-situ observations. Remote Sensing of Environment, 2021, 266, 112708.	11.0	74
7	Harmonised LUCAS in-situ land cover and use database for field surveys from 2006 to 2018 in the European Union. Scientific Data, 2020, 7, 352.	5.3	50
8	Abrupt increase in harvested forest area over Europe after 2015. Nature, 2020, 583, 72-77.	27.8	198
9	Detecting flowering phenology in oil seed rape parcels with Sentinel-1 and -2 time series. Remote Sensing of Environment, 2020, 239, 111660.	11.0	79
10	ASAP: A new global early warning system to detect anomaly hot spots of agricultural production for food security analysis. Agricultural Systems, 2019, 168, 247-257.	6.1	80
11	Crowdsourced Street-Level Imagery as a Potential Source of In-Situ Data for Crop Monitoring. Land, 2018, 7, 127.	2.9	19
12	High Spatio- Temporal Resolution Land Surface Temperature Mission - a Copernicus Candidate Mission in Support of Agricultural Monitoring. , 2018, , .		29
13	Targeted Grassland Monitoring at Parcel Level Using Sentinels, Street-Level Images and Field Observations. Remote Sensing, 2018, 10, 1300.	4.0	35
14	ASAP - Anomaly hot Spots of Agricultural Production, a new early warning decision support system developed by the Joint Research Centre. , 2017, , .		4
15	Parcel-Based Crop Classification in Ukraine Using Landsat-8 Data and Sentinel-1A Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2500-2508.	4.9	148
16	Remote sensing time series analysis for crop monitoring with the SPIRITS software: new functionalities and use examples. Frontiers in Environmental Science, 2015, 3, .	3.3	31
17	Crop mapping applications at scale: Using Google Earth Engine to enable global crop area and status monitoring using free and open data sources. , 2015, , .		13
18	Parcel based classification for agricultural mapping and monitoring using multi-temporal satellite image sequences. , 2015, , .		23

#	ARTICLE	IF	CITATIONS
19	Geo-Correction of High-Resolution Imagery Using Fast Template Matching on a GPU in Emergency Mapping Contexts. Remote Sensing, 2013, 5, 4488-4502.	4.0	10
20	Fast Surface Height Determination Using Multi-Angular WorldView-2 Ortho Ready Urban Scenes. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 80-88.	4.9	11
21	Comparison of Damage Assessment Maps Derived from Very High Spatial Resolution Satellite and Aerial Imagery Produced for the Haiti 2010 Earthquake. Earthquake Spectra, 2011, 27, 199-218.	3.1	26
22	A Comprehensive Analysis of Building Damage in the 12 January 2010 Mw7 Haiti Earthquake Using High-Resolution Satelliteand Aerial Imagery. Photogrammetric Engineering and Remote Sensing, 2011, 77, 997-1009.	0.6	78
23	Radar Imaging Simulation for Urban Structures. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 68-72.	3.1	29
24	On the Relationship Between Double Bounce and the Orientation of Buildings in VHR SAR Images. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 612-616.	3.1	57
25	Earthquake Damage Assessment of Buildings Using VHR Optical and SAR Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 2403-2420.	6.3	424
26	Change detection for earthquake damage assessment in built-up areas using very high resolution optical and SAR imagery. , 2010, , .		20
27	Estimation of building heights from detected dual-aspect VHR SAR imagery using an iterative simulation and matching procedure in combination with functional analysis. , 2009, , .		2
28	Analysis of the reliability of the double bounce scattering mechanism for detecting buildings in VHR SAR images. , 2009, , .		20
29	Accessible high performance computing solutions for near real-time image processing for time critical applications. Proceedings of SPIE, 2009, , .	0.8	2
30	Distributed Geospatial Data Processing Functionality to Support Collaborative and Rapid Emergency Response. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 33-46.	4.9	36
31	Superoverlay Deployment in Grid-Enabled Image Processing. , 2008, , .		1
32	Building height retrieval from airborne VHR SAR imagery based on an iterative simulation and matching procedure. , 2008, , .		2
33	Building characterisation in VHR SAR data acquired under controlled EMSL conditions. , 2007, , .		2
34	A Method for Estimating Soil Moisture from ERS Scatterometer and Soil Data. Remote Sensing of Environment, 1999, 70, 191-207.	11.0	1,032
35	<title>Segmentation of multitemporal ERS-1 SAR imagery</title>. , 1995, , .		0