

# Guido G Lemoine

## List of Publications by Citations

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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 Method for Estimating Soil Moisture from ERS Scatterometer and Soil Data. <i>Remote Sensing of Environment</i> , <b>1999</b> , 70, 191-207	13.2	837
29	Earthquake Damage Assessment of Buildings Using VHR Optical and SAR Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2010</b> , 48, 2403-2420	8.1	311
28	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> , <b>2016</b> , 9, 2500-2508	4.7	105
27	Abrupt increase in harvested forest area over Europe after 2015. <i>Nature</i> , <b>2020</b> , 583, 72-77	50.4	95
26	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> , <b>2011</b> , 77, 997-1009	1.6	67
25	Detecting flowering phenology in oil seed rape parcels with Sentinel-1 and -2 time series. <i>Remote Sensing of Environment</i> , <b>2020</b> , 239, 111660	13.2	41
24	ASAP: A new global early warning system to detect anomaly hot spots of agricultural production for food security analysis. <i>Agricultural Systems</i> , <b>2019</b> , 168, 247-257	6.1	40
23	On the Relationship Between Double Bounce and the Orientation of Buildings in VHR SAR Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2011</b> , 8, 612-616	4.1	39
22	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> , <b>2009</b> , 2, 33-46	4.7	28
21	Targeted Grassland Monitoring at Parcel Level Using Sentinels, Street-Level Images and Field Observations. <i>Remote Sensing</i> , <b>2018</b> , 10, 1300	5	27
20	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> , <b>2021</b> , 253, 112232	13.2	26
19	Remote sensing time series analysis for crop monitoring with the SPIRITS software: new functionalities and use examples. <i>Frontiers in Environmental Science</i> , <b>2015</b> , 3,	4.8	25
18	From parcel to continental scale DA first European crop type map based on Sentinel-1 and LUCAS Copernicus in-situ observations. <i>Remote Sensing of Environment</i> , <b>2021</b> , 266, 112708	13.2	21
17	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> , <b>2011</b> , 27, 199-218	3.4	19
16	Harmonised LUCAS in-situ land cover and use database for field surveys from 2006 to 2018 in the European Union. <i>Scientific Data</i> , <b>2020</b> , 7, 352	8.2	18
15	Radar Imaging Simulation for Urban Structures. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2011</b> , 8, 68-72	4.1	17
14	Change detection for earthquake damage assessment in built-up areas using very high resolution optical and SAR imagery <b>2010</b> ,		16

13	Parcel based classification for agricultural mapping and monitoring using multi-temporal satellite image sequences <b>2015</b> ,		15
12	High Spatio- Temporal Resolution Land Surface Temperature Mission - a Copernicus Candidate Mission in Support of Agricultural Monitoring <b>2018</b> ,		15
11	Analysis of the reliability of the double bounce scattering mechanism for detecting buildings in VHR SAR images <b>2009</b> ,		14
10	Geo-Correction of High-Resolution Imagery Using Fast Template Matching on a GPU in Emergency Mapping Contexts. <i>Remote Sensing</i> , <b>2013</b> , 5, 4488-4502	5	9
9	Crowdsourced Street-Level Imagery as a Potential Source of In-Situ Data for Crop Monitoring. <i>Land</i> , <b>2018</b> , 7, 127	3-5	9
8	Reply to Wernick, I. K. et al.; Palahm. et al. <i>Nature</i> , <b>2021</b> , 592, E18-E23	50-4	8
7	A map of the extent and year of detection of oil palm plantations in Indonesia, Malaysia and Thailand. <i>Scientific Data</i> , <b>2021</b> , 8, 96	8.2	7
6	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> , <b>2012</b> , 5, 80-88	4-7	6
5	LUCAS Copernicus 2018: Earth-observation-relevant in situ data on land cover and use throughout the European Union. <i>Earth System Science Data</i> , <b>2021</b> , 13, 1119-1133	10.5	6
4	LUCAS Copernicus 2018: Earth Observation relevant in-situ data on land cover throughout the European Union		5
3	Crop mapping applications at scale: Using Google Earth Engine to enable global crop area and status monitoring using free and open data sources <b>2015</b> ,		4
2	ASAP - Anomaly hot Spots of Agricultural Production, a new early warning decision support system developed by the Joint Research Centre <b>2017</b> ,		3
1	Superoverlay Deployment in Grid-Enabled Image Processing <b>2008</b> ,		1