

Guillem Soria

List of Publications by Year in descending order

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34
papers

1,856
citations

516215

16
h-index

580395

25
g-index

34
all docs

34
docs citations

34
times ranked

2139
citing authors

#	ARTICLE	IF	CITATIONS
1	Land Surface Emissivity Retrieval From Different VNIR and TIR Sensors. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 316-327.	2.7	518
2	Revision of the Single-Channel Algorithm for Land Surface Temperature Retrieval From Landsat Thermal-Infrared Data. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 339-349.	2.7	443
3	Impact of spatial resolution and satellite overpass time on evaluation of the surface urban heat island effects. Remote Sensing of Environment, 2012, 117, 50-56.	4.6	154
4	Temporal analysis of normalized difference vegetation index (NDVI) and land surface temperature (LST) parameters to detect changes in the Iberian land cover between 1981 and 2001. International Journal of Remote Sensing, 2011, 32, 2057-2068.	1.3	86
5	Evaluation of the surface urban heat island effect in the city of Madrid by thermal remote sensing. International Journal of Remote Sensing, 2013, 34, 3177-3192.	1.3	84
6	Single-channel and two-channel methods for land surface temperature retrieval from DAIS data and its application to the Barrax site. International Journal of Remote Sensing, 2004, 25, 215-230.	1.3	70
7	Evidence of Low Land Surface Thermal Infrared Emissivity in the Presence of Dry Vegetation. IEEE Geoscience and Remote Sensing Letters, 2007, 4, 112-116.	1.4	62
8	Emissivity mapping over urban areas using a classification-based approach: Application to the Dual-use European Security IR Experiment (DESIREX). International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 141-147.	1.4	57
9	ENVISAT/AATSR derived land surface temperature over a heterogeneous region. Remote Sensing of Environment, 2007, 111, 409-422.	4.6	55
10	Thermal remote sensing in the framework of the SEN2FLEX project: field measurements, airborne data and applications. International Journal of Remote Sensing, 2008, 29, 4961-4991.	1.3	51
11	Synergistic use of MERIS and AATSR as a proxy for estimating Land Surface Temperature from Sentinel-3 data. Remote Sensing of Environment, 2016, 179, 149-161.	4.6	49
12	Impacts of the broadband albedo on actual evapotranspiration estimated by S-SEBI model over an agricultural area. Remote Sensing of Environment, 2014, 147, 23-42.	4.6	40
13	Surface temperature retrieval from Along Track Scanning Radiometer 2 data: Algorithms and validation. Journal of Geophysical Research, 2004, 109, .	3.3	37
14	Phenology Estimation From Meteosat Second Generation Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1653-1659.	2.3	29
15	Thermal remote sensing from Airborne Hyperspectral Scanner data in the framework of the SPARC and SEN2FLEX projects: an overview. Hydrology and Earth System Sciences, 2009, 13, 2031-2037.	1.9	25
16	Evaluation of Terra/MODIS atmospheric profiles product (MOD07) over the Iberian Peninsula: a comparison with radiosonde stations. International Journal of Digital Earth, 2015, 8, 771-783.	1.6	22
17	A simplified method for estimating the total water vapor content over sea surfaces using NOAA-AVHRR channels 4 and 5. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 357-361.	2.7	17
18	Mapping sub-pixel burnt percentage using AVHRR data. Application to the Alcalaten area in Spain. International Journal of Remote Sensing, 2010, 31, 5315-5330.	1.3	11

#	ARTICLE	IF	CITATIONS
19	An Overview of the Regional Experiments for Land-atmosphere Exchanges 2012 (REFLEX 2012) Campaign. Acta Geophysica, 2015, 63, 1465-1484.	1.0	9
20	Estimaci3n del grado de severidad de incendios en el sur de la provincia de Buenos Aires, Argentina, usando Sentinel-2 y su comparaci3n con Landsat-8. Revista De Teledeteccion, 2018, , 47.	0.6	8
21	AATSR land surface temperature product algorithm verification over a WATERMED site. Advances in Space Research, 2007, 39, 171-178.	1.2	7
22	Near real-time estimation of Sea and Land surface temperature for MSG SEVIRI sensors. International Journal of Applied Earth Observation and Geoinformation, 2020, 89, 102096.	1.4	7
23	Retrieving and broadcasting near-real-time biophysical parameters from MODIS and SEVIRI receiving stations at the global change unit of the University of Valencia. International Journal of Remote Sensing, 2015, 36, 5273-5288.	1.3	6
24	Fluorescence estimation in the framework of the CEFLES2 campaign. International Journal of Remote Sensing, 2011, 32, 5875-5889.	1.3	3
25	New geo-portal for MODIS/SEVIRI image products with geolocation-based retrieval functionality. Journal of Applied Remote Sensing, 2015, 9, 096079.	0.6	3
26	Sentinel 2 and 3 for Temperature Monitoring Over the Amazon. , 2018, , .		2
27	Land cover dynamic analysis over the Mediterranean Basin by means of remotely sensed and climate data. , 2004, , .		1
28	Characterization of thermal parameters in support of SIFLEX campaign. , 2004, 5232, 658.		0
29	Global vegetation monitoring through multitemporal analysis of pathfinder AVHRR land database. , 2005, 5976, 368.		0
30	Surface temperature in the context of FLuorescence EXplorer (FLEX) mission. , 2007, , .		0
31	Phenology estimation from Meteosat Second Generation data. , 2012, , .		0
32	The role of emissivity during the cooling of a body: an experimental design for a laboratory classroom. European Journal of Physics, 2017, 38, 015102.	0.3	0
33	Vicarious Calibration of Landsat-8 Thermal Data Collections and its Influence on Split-Window Algorithm Validation. , 2018, , .		0
34	Using MSG-Seviri Data to Monitor the Planet in Near Real Time. , 2018, , .		0