JosÃ© A Sobrino

List of Publications by Year
in descending order

233 papers	16,750 citations	22153 59 h-index	16183 124 g-index
240 all docs	240 docs citations	240 times ranked	10415 citing authors

#	Article	IF	Citations
1	Toward a Reliable Correction of NOAA AVHRR Orbital Drift. Frontiers in Remote Sensing, 2022, 3, .	3.5	1
2	Global crop calendars of maize and wheat in the framework of the WorldCereal project. GIScience and Remote Sensing, 2022, 59, 885-913.	5.9	5
3	A methodology to estimate forest fires burned areas and burn severity degrees using Sentinel-2 data. Application to the October 2017 fires in the Iberian Peninsula. International Journal of Applied Earth Observation and Geoinformation, 2021, 95, 102243.	2.8	31
4	Introducing the Time Series Change Visualization and Interpretation (TSCVI) method for the interpretation of global NDVI changes. International Journal of Applied Earth Observation and Geoinformation, 2021, 96, 102268.	2.8	8
5	NOAA-AVHRR Orbital Drift Correction: Validating Methods Using MSG-SEVIRI Data as a Benchmark Dataset. Remote Sensing, 2021, 13, 925.	4.0	5
6	Synergistic Use of Multispectral Data and Crop Growth Modelling for Spatial and Temporal Evapotranspiration Estimations. Remote Sensing, 2021, 13, 2138.	4.0	7
7	Near Real-Time Processing Chain for MSG SEVIRI Data for Free and Immediate Earth Monitoring Capabilities. Frontiers in Remote Sensing, 2021, 2, .	3.5	2
8	Modeling of Water Distribution under Center Pivot Irrigation Technique. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, .	1.0	2
9	Monitoring Water and Energy Cycles at Climate Scale in the Third Pole Environment (CLIMATE-TPE). Remote Sensing, 2021, 13, 3661.	4.0	7
10	Evapotranspiration Estimation with the S-SEBI Method from Landsat 8 Data against Lysimeter Measurements at the Barrax Site, Spain. Remote Sensing, 2021, 13, 3686.	4.0	8
11	MORERA: latest Earth observation system to translate big data to agriculture. , 2021, , .		0
12	Validation of AVHRR Land Surface Temperature with MODIS and In Situ LSTâ€"A TIMELINE Thematic Processor. Remote Sensing, 2021, 13, 3473.	4.0	5
13	Exploring the use of spectral indices to assess alterations in soil properties in pine stands affected by crown fire in Spain. Fire Ecology, 2021, 17, .	3.0	10
14	A New Material-Oriented TES for Land Surface Temperature and SUHI Retrieval in Urban Areas: Case Study over Madrid in the Framework of the Future TRISHNA Mission. Remote Sensing, 2021, 13, 5139.	4.0	2
15	MODIS probabilistic cloud masking over the Amazonian evergreen tropical forests: a comparison of machine learning-based methods. International Journal of Remote Sensing, 2020, 41, 185-210.	2.9	6
16	A Methodology for Comparing the Surface Urban Heat Island in Selected Urban Agglomerations Around the World from Sentinel-3 SLSTR Data. Remote Sensing, 2020, 12, 2052.	4.0	50
17	Spatio-Temporal Variation of the Urban Heat Island in Santiago, Chile during Summers 2005â€"2017. Remote Sensing, 2020, 12, 3345.	4.0	18
18	AES/FPGA Encryption Module Integration for Satellite Remote Sensing Systems: LST-SW case. , 2020, , .		6

#	Article	IF	Citations
19	FPGA/LST-SW Encryption Module Implementation for Satellite Remote Sensing Secure Systems. , 2020, , .		3
20	Evapotranspiration Estimates at High Spatial and Temporal Resolutions from an Energyâ€“Water Balance Model and Satellite Data in the Capitanata Irrigation Consortium. Remote Sensing, 2020, 12, 4083.	4.0	17
21	The Influence of Land Surface Temperature in Evapotranspiration Estimated by the S-SEBI Model. Atmosphere, 2020, 11, 1059.	2.3	12
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.	2.8	7
23	Surface Temperature of the Planet Earth from Satellite Data over the Period 2003â€“2019. Remote Sensing, 2020, 12, 2036.	4.0	10
24	Surface Temperature of the Planet Earth from Satellite Data. Remote Sensing, 2020, 12, 218.	4.0	41
25	Multi-Resolution Study of Thermal Unmixing Techniques over Madrid Urban Area: Case Study of TRISHNA Mission. Remote Sensing, 2019, 11, 1251.	4.0	12
26	Night Thermal Unmixing for the Study of Microscale Surface Urban Heat Islands with TRISHNA-Like Data. Remote Sensing, 2019, 11, 1449.	4.0	8
27	Foreword to the Special Issue on IGARSS 2018. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2012-2014.	4.9	0
28	Relationship between Soil Burn Severity in Forest Fires Measured In Situ and through Spectral Indices of Remote Detection. Forests, 2019, 10, 457.	2.1	38
29	Intercomparison of remote-sensing based evapotranspiration algorithms over amazonian forests. International Journal of Applied Earth Observation and Geoinformation, 2019, 80, 280-294.	2.8	26
30	International Journal of Remote Sensing RAQRS V special issue. International Journal of Remote Sensing, 2019, 40, 1615-1620.	2.9	0
31	Towards LST split-window algorithm FPGA implementation for CubeSats on-board computations purposes. International Journal of Remote Sensing, 2019, 40, 2435-2450.	2.9	5
32	Satellite Remote Sensing of Surface Urban Heat Islands: Progress, Challenges, and Perspectives. Remote Sensing, 2019, 11, 48.	4.0	464
33	Optimizing and comparing gap-filling techniques using simulated NDVI time series from remotely sensed global data. International Journal of Applied Earth Observation and Geoinformation, 2019, 76, 93-111.	2.8	35
34	LST retrieval algorithm adapted to the Amazon evergreen forests using MODIS data. Remote Sensing of Environment, 2018, 204, 401-411.	11.0	26
35	Welcome from the Technical Program Committee. , 2018, , .		0
36	Vicarious Calibration of Landsat-8 Thermal Data Collections and its Influence on Split-Window Algorithm Validation. , 2018, , .		0

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37	Sentinel 2 and 3 for Temperature Monitoring Over the Amazon. , 2018, , .		2
38	Using MSG-Seviri Data to Monitor the Planet in Near Real Time. , 2018, , .		0
39	High Spatio- Temporal Resolution Land Surface Temperature Mission - a Copernicus Candidate Mission in Support of Agricultural Monitoring. , 2018, , .		29
40	The Indian-French Trishna Mission: Earth Observation in the Thermal Infrared with High Spatio-Temporal Resolution. , 2018, , .		27
41	Spatio-temporal patterns of thermal anomalies and drought over tropical forests driven by recent extreme climatic anomalies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170300.	4.0	24
42	An Improved Single-Channel Method to Retrieve Land Surface Temperature from the Landsat-8 Thermal Band. Remote Sensing, 2018, 10, 431.	4.0	103
43	EstimaciÃ³n del grado de severidad de incendios en el sur de la provincia de Buenos Aires, Argentina, usando Sentinel-2 y su comparaciÃ³n con Landsat-8. Revista De Teledeteccion, 2018, , 47.	0.6	8
44	TISSBERT: A benchmark for the validation and comparison of NDVI time series reconstruction methods. Revista De Teledeteccion, 2018, , 19.	0.6	5
45	Vicarious Calibration of the Landsat 7 Thermal Infrared Band and LST Algorithm Validation of the ETM+ Instrument Using Three Global Atmospheric Profiles. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1804-1811.	6.3	23
46	Trends in Phenological Parameters and Relationship Between Land Surface Phenology and Climate Data in the Hyrcanian Forests of Iran. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4961-4970.	4.9	11
47	The role of emissivity during the cooling of a body: an experimental design for a laboratory classroom. European Journal of Physics, 2017, 38, 015102.	0.6	0
48	A Review on Remote Sensing of Urban Heat and Cool Islands. Land, 2017, 6, 38.	2.9	100
49	The Urban Heat Island Effect in the City of Valencia: A Case Study for Hot Summer Days. Urban Science, 2017, 1, 9.	2.3	27
50	Soil Moisture Retrieved From a Combined Optical and Passive Microwave Approach. , 2016, , 135-158.		0
51	MODIS-Based Monthly LST Products over Amazonia under Different Cloud Mask Schemes. Data, 2016, 1, 2.	2.3	6
52	Permanent Stations for Calibration/Validation of Thermal Sensors over Spain. Data, 2016, 1, 10.	2.3	17
53	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.	11.0	49
54	Exploring the Validity of the Long-Term Data Record V4 Database for Land Surface Monitoring. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3607-3614.	4.9	14

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55	Comparison of MODIS and Landsat-8 retrievals of Chlorophyll-a and water temperature over Lake Titicaca. , 2016, , .		3
56	Record-breaking warming and extreme drought in the Amazon rainforest during the course of El NiÃ±o 2015â€“2016. Scientific Reports, 2016, 6, 33130.	3.3	413
57	Digital thermal monitoring of the Amazon forest: an intercomparison of satellite and reanalysis products. International Journal of Digital Earth, 2016, 9, 477-498.	3.9	15
58	Review of Thermal Infrared Applications and Requirements for Future High-Resolution Sensors. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2963-2972.	6.3	104
59	Episodios tÃ©rmicos extremos analizados con productos MODIS durante el invierno boreal (2000-2016). Revista De Teledeteccion, 2016, , 19.	0.6	1
60	CloudSim: A fair benchmark for comparison of methods for times series reconstruction from cloud and atmospheric contamination. , 2015, , .		2
61	A database for the monitoring of thermal anomalies over the Amazon forest and adjacent intertropical oceans. Scientific Data, 2015, 2, 150024.	5.3	12
62	Exploring the validity of the long term data record V4 database for land surface monitoring. , 2015, , .		0
63	New geo-portal for MODIS/SEVIRI image products with geolocation-based retrieval functionality. Journal of Applied Remote Sensing, 2015, 9, 096079.	1.3	3
64	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.	3.9	22
65	Improving the timeliness of winter wheat production forecast in the United States of America, Ukraine and China using MODIS data and NCAR Growing Degree Day information. Remote Sensing of Environment, 2015, 161, 131-148.	11.0	140
66	Global Atmospheric Profiles from Reanalysis Information (GAPRI): a new database for earth surface temperature retrieval. International Journal of Remote Sensing, 2015, 36, 5045-5060.	2.9	27
67	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.	2.9	6
68	An Overview of the Regional Experiments for Land-atmosphere Exchanges 2012 (REFLEX 2012) Campaign. Acta Geophysica, 2015, 63, 1465-1484.	2.0	9
69	Recent trends on glacier area retreat over the group of Nevados Caullaraju-Pastoruri (Cordillera) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	22
70	Near-Real-Time Estimation of Water Vapor Column From MSG-SEVIRI Thermal Infrared Bands: Implications for Land Surface Temperature Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4231-4237.	6.3	15
71	Fourth International Symposium on Recent Advances in Quantitative Remote Sensing. International Journal of Remote Sensing, 2015, 36, 4775-4778.	2.9	0
72	On the relationship between the sky view factor and the land surface temperature derived by Landsat-8 images in Bari, Italy. International Journal of Remote Sensing, 2015, 36, 4820-4835.	2.9	61

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73	Spatial analysis of the homogeneity of the land surface temperature in three Spanish test sites. International Journal of Remote Sensing, 2015, 36, 4793-4807.	2.9	10
74	Changes in evapotranspiration and phenology as consequences of shrub removal in dry forests of central Argentina. Ecohydrology, 2015, 8, 1304-1311.	2.4	10
75	AplicaciÃ³n del Estimador de ParÃ¡metros de SegmentaciÃ³n por Media-desplazada (EPSM) a las imÃ¡genes de satÃ©lite de muy alta resoluciÃ³n espacial: TetuÃ¡n (Marruecos). Revista De Teledeteccion, 2015, , 91.	0.6	1
76	Minimum configuration of thermal infrared bands for land surface temperature and emissivity estimation in the context of potential future missions. Remote Sensing of Environment, 2014, 148, 158-167.	11.0	47
77	Land Surface Temperature Retrieval Methods From Landsat-8 Thermal Infrared Sensor Data. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1840-1843.	3.1	621
78	Retrieval of Surface Albedo on a Daily Basis: Application to MODIS Data. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 7549-7558.	6.3	22
79	Analysis of the Performance of the TES Algorithm Over Urban Areas. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6989-6998.	6.3	16
80	Temperature and Emissivity Separation From MSG/SEVIRI Data. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5937-5951.	6.3	36
81	Size matters: vegetation patch size and surface temperature relationship in foothills cities of northwestern Argentina. Urban Ecosystems, 2014, 17, 1161-1174.	2.4	26
82	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.	11.0	40
83	Spatial and temporal patterns of the recent warming of the Amazon forest. Journal of Geophysical Research D: Atmospheres, 2013, 118, 5204-5215.	3.3	67
84	Satellite-derived land surface temperature: Current status and perspectives. Remote Sensing of Environment, 2013, 131, 14-37.	11.0	1,545
85	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.	2.9	84
86	The MISTIGRI thermal infrared project: scientific objectives and mission specifications. International Journal of Remote Sensing, 2013, 34, 3437-3466.	2.9	52
87	NPP VIIRS land surface temperature product validation using worldwide observation networks. , 2013, , .		0
88	Accuracy of IKONOS for mapping benthic coral-reef habitats: a case study from the Puerto Morelos Reef National Park, Mexico. International Journal of Remote Sensing, 2013, 34, 3671-3687.	2.9	23
89	Analysis of directional effects on atmospheric correction. Remote Sensing of Environment, 2013, 128, 276-288.	11.0	38
90	Has the Northern Hemisphere been warming or cooling during the boreal winter of the last few decades?. Global and Planetary Change, 2013, 106, 31-38.	3.5	6

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91	Review of High Resolution Thermal Infrared Applications and Requirements: The Fuegosat Synthesis Study. Remote Sensing and Digital Image Processing, 2013, , 197-214.	0.7	0
92	Time Series Corrections and Analyses in Thermal Remote Sensing. Remote Sensing and Digital Image Processing, 2013, , 267-285.	0.7	6
93	Trend Analysis of Global MODIS-Terra Vegetation Indices and Land Surface Temperature Between 2000 and 2011. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2139-2145.	4.9	33
94	Phenology Estimation From Meteosat Second Generation Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1653-1659.	4.9	29
95	In-scene atmospheric correction of hyperspectral thermal infrared images with nadir, horizontal, and oblique view angles. International Journal of Remote Sensing, 2013, 34, 3164-3176.	2.9	7
96	First results towards building up a reliable in situ measurements database for LST algorithm validations using modular WSN: Northern Morocco campaigns case study. International Journal of Remote Sensing, 2013, 34, 3153-3163.	2.9	3
97	Evaluation of the MODIS Albedo product over a heterogeneous agricultural area. International Journal of Remote Sensing, 2013, 34, 5530-5540.	2.9	7
98	Land surface emissivity retrieval from satellite data. International Journal of Remote Sensing, 2013, 34, 3084-3127.	2.9	406
99	Mapping wild pear trees (Pyrus bourgaeana) in Mediterranean forest using high-resolution QuickBird satellite imagery. International Journal of Remote Sensing, 2013, 34, 3376-3396.	2.9	12
100	Mass and energy flux estimates at different spatial resolutions in a heterogeneous area through a distributed energyâ€“water balance model and remote-sensing data. International Journal of Remote Sensing, 2013, 34, 3208-3230.	2.9	20
101	Performance of TES method over urban areas at a high spatial resolution scale. , 2013, , .		0
102	Multi-temporal analysis of MODIS Land Products over the Amazon region. , 2012, , .		1
103	Critical analysis of the thermal inertia approach to map soil water content under sparse vegetation and changeable sky conditions. Proceedings of SPIE, 2012, , .	0.8	6
104	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.	11.0	154
105	A method to estimate soil moisture from Airborne Hyperspectral Scanner (AHS) and ASTER data: Application to SEN2FLEX and SEN3EXP campaigns. Remote Sensing of Environment, 2012, 117, 415-428.	11.0	59
106	Land surface emissivity retrieval from airborne sensor over urban areas. Remote Sensing of Environment, 2012, 123, 298-305.	11.0	37
107	Correcting AVHRR Long Term Data Record V3 estimated LST from orbital drift effects. Remote Sensing of Environment, 2012, 123, 207-219.	11.0	32
108	A Combined Opticalâ€“Microwave Method to Retrieve Soil Moisture Over Vegetated Areas. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 1404-1413.	6.3	36

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109	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.	2.8	57
110	Phenology estimation from Meteosat Second Generation data. , 2012, , .		0
111	Recent trends in solar exergy and net radiation at global scale. Ecological Modelling, 2012, 228, 59-65.	2.5	16
112	Comment on â€œEcological importance of the thermal emissivity of avian eggshellsâ€. Journal of Theoretical Biology, 2012, 304, 304-307.	1.7	3
113	Surface Emissivity Retrieval From Airborne Hyperspectral Scanner Data: Insights on Atmospheric Correction and Noise Removal. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 180-184.	3.1	14
114	Using NASA'S Long Term Data Record version 3 for the monitoring of land surface vegetation. , 2011, , .		0
115	Monitoring global vegetation with the Yearly Land Cover Dynamics (YLCD) method. , 2011, , .		2
116	Changes in vegetation spring dates in the second half of the twentieth century. International Journal of Remote Sensing, 2011, 32, 5247-5265.	2.9	15
117	Fluorescence estimation in the framework of the CEFLES2 campaign. International Journal of Remote Sensing, 2011, 32, 5875-5889.	2.9	3
118	Evaluation of the DART 3D model in the thermal domain using satellite/airborne imagery and ground-based measurements. International Journal of Remote Sensing, 2011, 32, 7453-7477.	2.9	33
119	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.	2.9	86
120	Examining the Effects of Dust Aerosols on Satellite Sea Surface Temperatures in the Mediterranean Sea Using the Medspiration Matchup Database. Journal of Atmospheric and Oceanic Technology, 2011, 28, 684-697.	1.3	5
121	Land use classification from multitemporal Landsat imagery using the Yearly Land Cover Dynamics (YLCD) method. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 711-720.	2.8	45
122	Residual errors in ASTER temperature and emissivity standard products AST08 and AST05. Remote Sensing of Environment, 2011, 115, 3681-3694.	11.0	72
123	Estimation of the Spatially Distributed Surface Energy Budget for AgriSAR 2006, Part II: Integration of Remote Sensing and Hydrologic Modeling. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 482-493.	4.9	2
124	Estimation of the Spatially Distributed Surface Energy Budget for AgriSAR 2006, Part I: Remote Sensing Model Intercomparison. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 465-481.	4.9	8
125	Trends in column integrated water vapour over Europe from 1973 to 2003. International Journal of Climatology, 2011, 31, 1749-1757.	3.5	24
126	Global trends in NDVI-derived parameters obtained from GIMMS data. International Journal of Remote Sensing, 2011, 32, 4267-4279.	2.9	60

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127	Accelerated Changes of Environmental Conditions on the Tibetan Plateau Caused by Climate Change. Journal of Climate, 2011, 24, 6540-6550.	3.2	74
128	A comparison of different optimization algorithms for retrieving aerosol optical depths from satellite data: an example of using a dual-angle algorithm. International Journal of Remote Sensing, 2011, 32, 8949-8968.	2.9	3
129	A Single-Channel Algorithm for Land-Surface Temperature Retrieval From ASTER Data. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 176-179.	3.1	98
130	Comparison of cloud-reconstruction methods for time series of composite NDVI data. Remote Sensing of Environment, 2010, 114, 618-625.	11.0	189
131	Atmospheric correction of optical imagery from MODIS and Reanalysis atmospheric products. Remote Sensing of Environment, 2010, 114, 2195-2210.	11.0	76
132	Land surface temperature representativeness in a heterogeneous area through a distributed energy-water balance model and remote sensing data. Hydrology and Earth System Sciences, 2010, 14, 2141-2151.	4.9	26
133	Mapping sub-pixel burnt percentage using AVHRR data. Application to the Alcalaten area in Spain. International Journal of Remote Sensing, 2010, 31, 5315-5330.	2.9	11
134	EAGLE 2006 â€“ Multi-purpose, multi-angle and multi-sensor in-situ and airborne campaigns over grassland and forest. Hydrology and Earth System Sciences, 2009, 13, 833-845.	4.9	48
135	Global land surface phenology trends from GIMMS database. International Journal of Remote Sensing, 2009, 30, 3495-3513.	2.9	237
136	Comparison Between Fractional Vegetation Cover Retrievals from Vegetation Indices and Spectral Mixture Analysis: Case Study of PROBA/CHRIS Data Over an Agricultural Area. Sensors, 2009, 9, 768-793.	3.8	134
137	The Yearly Land Cover Dynamics (YLCD) method: An analysis of global vegetation from NDVI and LST parameters. Remote Sensing of Environment, 2009, 113, 329-334.	11.0	115
138	Discriminating irrigated and rainfed olive orchards with thermal ASTER imagery and DART 3D simulation. Agricultural and Forest Meteorology, 2009, 149, 962-975.	4.8	36
139	Soil emissivity and reflectance spectra measurements. Applied Optics, 2009, 48, 3664.	2.1	40
140	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.	6.3	443
141	Improvements in land surface temperature retrieval from the Landsat series thermal band using water vapor and air temperature. Journal of Geophysical Research, 2009, 114, .	3.3	108
142	A Split-Window Algorithm for Estimating LST From Meteosat 9 Data: Test and Comparison With Data and MODIS LSTs. IEEE Geoscience and Remote Sensing Letters, 2009, 6, 122-126.	3.1	58
143	CEFLES2: the remote sensing component to quantify photosynthetic efficiency from the leaf to the region by measuring sun-induced fluorescence in the oxygen absorption bands. Biogeosciences, 2009, 6, 1181-1198.	3.3	115
144	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.	4.9	25

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146	Land Surface Emissivity Retrieval From Different VNIR and TIR Sensors. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 316-327.	6.3	518
147	NOAA-AVHRR Orbital Drift Correction From Solar Zenithal Angle Data. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 4014-4019.	6.3	36
148	Split-Window Coefficients for Land Surface Temperature Retrieval From Low-Resolution Thermal Infrared Sensors. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 806-809.	3.1	100
149	An integrated modelling and remote sensing approach for hydrological study in arid and semiâ€arid regions: the SUDMED Programme. International Journal of Remote Sensing, 2008, 29, 5161-5181.	2.9	109
150	NDVI seasonal amplitude and its variability. International Journal of Remote Sensing, 2008, 29, 4887-4888.	2.9	1
151	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.	2.9	51
152	Validation of a temperature emissivity separation hybrid method from airborne hyperspectral scanner data and ground measurements in the SEN2FLEX field campaign. International Journal of Remote Sensing, 2008, 29, 7251-7268.	2.9	15
153	Column aerosol characterization in a semiâ€arid region around Marrakech during the WATERMED 2003 campaign. International Journal of Remote Sensing, 2008, 29, 5013-5027.	2.9	4
154	Quantification of landâ€“atmosphere exchanges of water, energy and carbon dioxide in space and time over the heterogeneous Barrax site. International Journal of Remote Sensing, 2008, 29, 5215-5235.	2.9	34
155	Waterâ€vapour retrieval from Meteosat 8/SEVIRI observations. International Journal of Remote Sensing, 2008, 29, 741-754.	2.9	24
156	Detecting crop irrigation status in orchard canopies with airborne and ASTER thermal imagery. , 2007, , .		0
157	Feasibility of Retrieving Land-Surface Temperature From ASTER TIR Bands Using Two-Channel Algorithms: A Case Study of Agricultural Areas. IEEE Geoscience and Remote Sensing Letters, 2007, 4, 60-64.	3.1	53
158	Surface temperature in the context of FLuorescence EXplorer (FLEX) mission. , 2007, , .		0
159	Evidence of Low Land Surface Thermal Infrared Emissivity in the Presence of Dry Vegetation. IEEE Geoscience and Remote Sensing Letters, 2007, 4, 112-116.	3.1	62
160	Correcting NOAA-AVHRR Orbital Drift: a Simple and Automatic Methodology. , 2007, , .		0
161	Changes in the Global Vegetal Cover Through a Phenological Analysis of GIMMS Data. , 2007, , .		1
162	AATSR land surface temperature product algorithm verification over a WATERMED site. Advances in Space Research, 2007, 39, 171-178.	2.6	7

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163	Accuracy of ASTER Level-2 thermal-infrared Standard Products of an agricultural area in Spain. Remote Sensing of Environment, 2007, 106, 146-153.	11.0	69
164	ENVISAT/AATSR derived land surface temperature over a heterogeneous region. Remote Sensing of Environment, 2007, 111, 409-422.	11.0	55
165	Isolated Left Ventricular Basal Ballooning in Young Women: â€œInverted Takotsuboâ€•Pattern Related to Catecholamine-Toxicity. American Journal of Cardiology, 2007, 100, 1496-1497.	1.6	10
166	Monitoring yield and fruit quality parameters in open-canopy tree crops under water stress. Implications for ASTER. Remote Sensing of Environment, 2007, 107, 455-470.	11.0	73
167	Application of a simple algorithm to estimate daily evapotranspiration from NOAAâ€“AVHRR images for the Iberian Peninsula. Remote Sensing of Environment, 2007, 110, 139-148.	11.0	120
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169	Estimation of sea surface temperature from SEVIRI data: algorithm testing and comparison with AVHRR products. International Journal of Remote Sensing, 2006, 27, 5081-5086.	2.9	12
170	Detection of water stress in an olive orchard with thermal remote sensing imagery. Agricultural and Forest Meteorology, 2006, 136, 31-44.	4.8	186
171	Multitemporal analysis of PAL images for the study of land cover dynamics in South America. Global and Planetary Change, 2006, 51, 172-180.	3.5	11
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