

Javier Gorroño

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

293
citations

1040056

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1125743

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g-index

19
all docs

19
docs citations

19
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Satellite-based survey of extreme methane emissions in the Permian basin. <i>Science Advances</i> , 2021, 7, .	10.3	66
2	Mapping methane point emissions with the PRISMA spaceborne imaging spectrometer. <i>Remote Sensing of Environment</i> , 2021, 265, 112671.	11.0	59
3	Mapping methane plumes at very high spatial resolution with the WorldView-3 satellite. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 1657-1674.	3.1	28
4	An inter-comparison exercise of Sentinel-2 radiometric validations assessed by independent expert groups. <i>Remote Sensing of Environment</i> , 2019, 233, 111369.	11.0	25
5	Satellites Detect a Methane Ultra-emission Event from an Offshore Platform in the Gulf of Mexico. <i>Environmental Science and Technology Letters</i> , 2022, 9, 520-525.	8.7	25
6	Radiometric inter-sensor cross-calibration uncertainty using a traceable high accuracy reference hyperspectral imager. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 130, 393-417.	11.1	23
7	A Radiometric Uncertainty Tool for the Sentinel 2 Mission. <i>Remote Sensing</i> , 2017, 9, 178.	4.0	18
8	Providing uncertainty estimates of the Sentinel-2 top-of-atmosphere measurements for radiometric validation activities. <i>European Journal of Remote Sensing</i> , 2018, 51, 650-666.	3.5	12
9	Fiducial Reference Measurements for validation of Sentinel-2 and Proba-V surface reflectance products. <i>Remote Sensing of Environment</i> , 2020, 241, 111690.	11.0	10
10	Monte Carlo-Based Quantification of Uncertainties in Determining Ocean Remote Sensing Reflectance from Underwater Fixed-Depth Radiometry Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2020, 37, 177-196.	1.3	9
11	A comparison of validation and vicarious calibration of high and medium resolution satellite-borne sensors using RadCalNet. , 2017, , .		5
12	Non-normal distribution of the top-of-atmosphere satellite optical measurements over calibration sites. <i>International Journal of Remote Sensing</i> , 2016, 37, 4665-4682.	2.9	4
13	Radiometric uncertainty per pixel for the Sentinel-2 L1C products. <i>Proceedings of SPIE</i> , 2015, , .	0.8	3
14	Novel techniques for the analysis of the TOA radiometric uncertainty. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
15	Truths cross-calibration uncertainty tool. , 2015, , .		2
16	Assessing the radiometric impact of the Sentinel 2 orthorectification process. , 2021, , .		1
17	A Second Version of the Radiometric Uncertainty Tool for the Sentinel-2 Mission. , 2018, , .		0