

Jorge Vicent

List of Publications by Year in descending order

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443
citing authors

#	ARTICLE	IF	CITATIONS
1	Emulation of Leaf, Canopy and Atmosphere Radiative Transfer Models for Fast Global Sensitivity Analysis. <i>Remote Sensing</i> , 2016, 8, 673.	4.0	73
2	Compensation of Oxygen Transmittance Effects for Proximal Sensing Retrieval of Canopy "Leaving Sun" Induced Chlorophyll Fluorescence. <i>Remote Sensing</i> , 2018, 10, 1551.	4.0	44
3	Gaussian processes retrieval of LAI from Sentinel-2 top-of-atmosphere radiance data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 167, 289-304.	11.1	43
4	FLEX End-to-End Mission Performance Simulator. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 4215-4223.	6.3	42
5	Global Sensitivity Analysis of Leaf-Canopy-Atmosphere RTMs: Implications for Biophysical Variables Retrieval from Top-of-Atmosphere Radiance Data. <i>Remote Sensing</i> , 2019, 11, 1923.	4.0	37
6	Top-of-Atmosphere Retrieval of Multiple Crop Traits Using Variational Heteroscedastic Gaussian Processes within a Hybrid Workflow. <i>Remote Sensing</i> , 2021, 13, 1589.	4.0	28
7	Emulation as an Accurate Alternative to Interpolation in Sampling Radiative Transfer Codes. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4918-4931.	4.9	25
8	Impact of Atmospheric Inversion Effects on Solar-Induced Chlorophyll Fluorescence: Exploitation of the Apparent Reflectance as a Quality Indicator. <i>Remote Sensing</i> , 2017, 9, 622.	4.0	20
9	Comparative analysis of atmospheric radiative transfer models using the Atmospheric Look-up table Generator (ALG) toolbox (version 2.0). <i>Geoscientific Model Development</i> , 2020, 13, 1945-1957.	3.6	20
10	Approximating Empirical Surface Reflectance Data through Emulation: Opportunities for Synthetic Scene Generation. <i>Remote Sensing</i> , 2019, 11, 157.	4.0	10
11	Automatic emulator and optimized look-up table generation for radiative transfer models. , 2017, , .		9
12	Improving the analysis of biogeochemical patterns associated with internal waves in the strait of Gibraltar using remote sensing images. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 204, 1-13.	2.1	5
13	Automatic Emulation by Adaptive Relevance Vector Machines. <i>Lecture Notes in Computer Science</i> , 2017, , 443-454.	1.3	4
14	Propagation of spectral characterization errors of imaging spectrometers at level-1 and its correction within a level-2 recalibration scheme. , 2015, , .		2
15	Design of a satellite end-to-end mission performance simulator for imaging spectrometers and its application to the ESA's FLEX/Sentinel-3 tandem mission. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
16	FLEX/S3 Tandem Mission Performance Assessment: Evolution of the End-to-End Simulator Flex-E. , 2018, , .		0
17	Multioutput Automatic Emulator for Radiative Transfer Models. , 2018, , .		0