

# Jorge Vicent

## List of Publications by Year in descending order

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17  
papers

364  
citations

933447

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h-index

1199594

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24  
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24  
docs citations

24  
times ranked

443  
citing authors

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