

Jose L Gomez-Dans

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,395
citations

623734

14
h-index

839539

18
g-index

25
all docs

25
docs citations

25
times ranked

3872
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduced annual grass increases regional fire activity across the arid western <scp>USA</scp> (1980â€“2009). <i>Global Change Biology</i> , 2013, 19, 173-183.	9.5	521
2	Defining pyromes and global syndromes of fire regimes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6442-6447.	7.1	519
3	Retrieval and global assessment of terrestrial chlorophyll fluorescence from GOSAT space measurements. <i>Remote Sensing of Environment</i> , 2012, 121, 236-251.	11.0	436
4	Assimilation of remote sensing into crop growth models: Current status and perspectives. <i>Agricultural and Forest Meteorology</i> , 2019, 276-277, 107609.	4.8	182
5	A Survey on Gaussian Processes for Earth-Observation Data Analysis: A Comprehensive Investigation. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2016, 4, 58-78.	9.6	172
6	Separability Analysis of Sentinel-2A Multi-Spectral Instrument (MSI) Data for Burned Area Discrimination. <i>Remote Sensing</i> , 2016, 8, 873.	4.0	117
7	Efficient Emulation of Radiative Transfer Codes Using Gaussian Processes and Application to Land Surface Parameter Inferences. <i>Remote Sensing</i> , 2016, 8, 119.	4.0	76
8	Strong constraint on modelled global carbon uptake using solar-induced chlorophyll fluorescence data. <i>Scientific Reports</i> , 2018, 8, 1973.	3.3	69
9	The accuracy of digital elevation models of the Antarctic continent. <i>Earth and Planetary Science Letters</i> , 2005, 237, 516-523.	4.4	65
10	An Emulator Toolbox to Approximate Radiative Transfer Models with Statistical Learning. <i>Remote Sensing</i> , 2015, 7, 9347-9370.	4.0	61
11	3D radiative transfer modelling of fire impacts on a two-layer savanna system. <i>Remote Sensing of Environment</i> , 2011, 115, 1866-1881.	11.0	54
12	African Savanna-Forest Boundary Dynamics: A 20-Year Study. <i>PLoS ONE</i> , 2016, 11, e0156934.	2.5	44
13	Estimation of FAPAR over Croplands Using MISR Data and the Earth Observation Land Data Assimilation System (EO-LDAS). <i>Remote Sensing</i> , 2017, 9, 656.	4.0	17
14	Indoor C-band polarimetric interferometry observations of a mature wheat canopy. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 768-777.	6.3	16
15	Theoretical uncertainties for global satellite-derived burned area estimates. <i>Biogeosciences</i> , 2019, 16, 3147-3164.	3.3	12
16	Synergies of Spaceborne Imaging Spectroscopy with Other Remote Sensing Approaches. <i>Surveys in Geophysics</i> , 2019, 40, 657-687.	4.6	10
17	Analysing the PMIP4-CMIP6 collection: a workflow and tool (pmip_p2fvar_analyzer v1). <i>Geoscientific Model Development</i> , 2022, 15, 2475-2488.	3.6	3
18	Land Surface Processes Analysis Using Sentinel-3 OLCI and Modis Data. , 2018, , .		0