Fernando Del Bon EspÃ-rito-Santo

List of Publications by Year
in descending order

37 papers	3,205 citations	304743 22 h-index	345221 36 g-index
41 all docs	41 docs citations	41 times ranked	4913 citing authors

#	Article	IF	Citations
1	Near Real-Time Change Detection System Using Sentinel-2 and Machine Learning: A Test for Mexican and Colombian Forests. Remote Sensing, 2022, 14, 707.	4.0	14
2	Tracking the impacts of El NiÃ±o drought and fire in human-modified Amazonian forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	51
3	Old-growth forest loss and secondary forest recovery across Amazonian countries. Environmental Research Letters, 2021, 16, 085009.	5.2	22
4	Assessing the growth and climate sensitivity of secondary forests in highly deforested Amazonian landscapes. Ecology, 2020, 101, e02954.	3.2	51
5	Secondary forests offset less than 10% of deforestationâ€mediated carbon emissions in the Brazilian Amazon. Global Change Biology, 2020, 26, 7006-7020.	9.5	40
6	Woody Aboveground Biomass Mapping of the Brazilian Savanna with a Multi-Sensor and Machine Learning Approach. Remote Sensing, 2020, 12, 2685.	4.0	32
7	Carbon Dynamics in a Human-Modified Tropical Forest: A Case Study Using Multi-Temporal LiDAR Data. Remote Sensing, 2020, 12, 430.	4.0	15
8	Estimating the multi-decadal carbon deficit of burned Amazonian forests. Environmental Research Letters, 2020, 15, 114023.	5.2	32
9	Evaluating spatial coverage of data on the aboveground biomass in undisturbed forests in the Brazilian Amazon. Carbon Balance and Management, 2019, 14, 11.	3.2	14
10	Pre-stratified modelling plus residuals kriging reduces the uncertainty of aboveground biomass estimation and spatial distribution in heterogeneous savannas and forest environments. Forest Ecology and Management, 2019, 445, 96-109.	3.2	14
11	Estimation of coarse dead wood stocks in intact and degraded forests in the Brazilian Amazon using airborne lidar. Biogeosciences, 2019, 16, 3457-3474.	3.3	8
12	Reducing the effects of vegetation phenology on change detection in tropical seasonal biomes. GIScience and Remote Sensing, 2019, 56, 699-717.	5.9	12
13	Drivers and mechanisms of tree mortality in moist tropical forests. New Phytologist, 2018, 219, 851-869.	7.3	341
14	Seasonality of vegetation types of South America depicted by moderate resolution imaging spectroradiometer (MODIS) time series. International Journal of Applied Earth Observation and Geoinformation, 2018, 69, 148-163.	2.8	19
15	Quantifying immediate carbon emissions from El NiÃ±o-mediated wildfires in humid tropical forests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170312.	4.0	64
16	Drought-induced Amazonian wildfires instigate a decadal-scale disruption of forest carbon dynamics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20180043.	4.0	79
17	Canopy area of large trees explains aboveground biomass variations across neotropical forest landscapes. Biogeosciences, 2018, 15, 3377-3390.	3.3	32
18	Drivers of metacommunity structure diverge for common and rare Amazonian tree species. PLoS ONE, 2017, 12, e0188300.	2.5	10

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19	Seeing the forest beyond the trees. Global Ecology and Biogeography, 2015, 24, 606-610.	5.8	56
20	Size and frequency of natural forest disturbances and the Amazon forest carbon balance. Nature Communications, 2014, 5, 3434.	12.8	169
21	Gap formation and carbon cycling in the Brazilian Amazon: measurement using high-resolution optical remote sensing and studies in large forest plots. Plant Ecology and Diversity, 2014, 7, 305-318.	2.4	24
22	Spectral signature of leaves of amazon rainforest tree species. , 2010, , .		2
23	Storm intensity and oldâ€growth forest disturbances in the Amazon region. Geophysical Research Letters, 2010, 37, .	4.0	54
24	Regional ecosystem structure and function: ecological insights from remote sensing of tropical forests. Trends in Ecology and Evolution, 2007, 22, 414-423.	8.7	295
25	Correction to â€œEstimates of forest canopy height and aboveground biomass using ICESatâ€• Geophysical Research Letters, 2006, 33, .	4.0	5
26	Cropland expansion changes deforestation dynamics in the southern Brazilian Amazon. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14637-14641.	7.1	780
27	Rapid Assessment of Annual Deforestation in the Brazilian Amazon Using MODIS Data. Earth Interactions, 2005, 9, 1-22.	1.5	98
28	Spatial validation of the collection 4 MODIS LAI product in eastern Amazonia. IEEE Transactions on Geoscience and Remote Sensing, 2005, 43, 2526-2534.	6.3	48
29	Correction to "Spatial Validation of the Collection 4 MODIS LAI Product in Eastern Amazonia". IEEE Transactions on Geoscience and Remote Sensing, 2005, 43, 2973-2973.	6.3	0
30	AnÃ¡lise da composiÃ§Ã£o florÃstica e fitossociolÃ³gica da floresta nacional do TapajÃ³s com o apoio geogrÃ¡fico de imagens de satÃ©lites. Acta Amazonica, 2005, 35, 155-173.	0.7	63
31	Mapping forest successional stages following deforestation in Brazilian Amazonia using multiâ€temporal Landsat images. International Journal of Remote Sensing, 2005, 26, 635-642.	2.9	79
32	Landscape pattern and spatial variability of leaf area index in Eastern Amazonia. Forest Ecology and Management, 2005, 211, 240-256.	3.2	57
33	Estimates of forest canopy height and aboveground biomass using ICESat. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	491
34	ValidaÃ§Ã£o do mapeamento de uma Ã¡rea de floresta tropical com o uso imagens de videografia aÃ©rea e dados de levantamento de campo. Revista Arvore, 2005, 29, 227-239.	0.5	6
35	TÃ©cnicas de processamento de imagens e de anÃ¡lise espacial para estudo de Ã¡reas florestais sob a exploraÃ§Ã£o madeireira. Revista Arvore, 2004, 28, 699-706.	0.5	2
36	AnÃ¡lise das variaÃ§Ãµes florÃsticas e estruturais da comunidade arbÃ³rea de um fragmento de floresta semidecÃdua Ãs margens do rio Capivari, Lavras-MG. Revista Arvore, 2003, 27, 185-206.	0.5	68

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37	VariÃ¡veis ambientais e a distribuiÃ§Ã£o de espÃ©cies arbÃ³reas em um remanescente de floresta estacional semidecÃdua montana no campus da Universidade Federal de Lavras, MG. Acta Botanica Brasilica, 2002, 16, 331-351.	0.8	54