

Ricardo Dalagnol

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

735
citations

687220

13
h-index

552653

26
g-index

35
all docs

35
docs citations

35
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Large carbon sink potential of secondary forests in the Brazilian Amazon to mitigate climate change. <i>Nature Communications</i> , 2021, 12, 1785.	5.8	99
2	Vulnerability of Amazonian forests to repeated droughts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170411.	1.8	80
3	Tree Crown Delineation Algorithm Based on a Convolutional Neural Network. <i>Remote Sensing</i> , 2020, 12, 1288.	1.8	67
4	Fire Responses to the 2010 and 2015/2016 Amazonian Droughts. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	46
5	Delineation of management zones in agricultural fields using cover crop biomass estimates from PlanetScope data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 85, 102004.	1.4	38
6	Both near-surface and satellite remote sensing confirm drought legacy effect on tropical forest leaf phenology after 2015/2016 ENSO drought. <i>Remote Sensing of Environment</i> , 2020, 237, 111489.	4.6	35
7	U-Net-Id, an Instance Segmentation Model for Building Extraction from Satellite Images Case Study in the Jo��polis City, Brazil. <i>Remote Sensing</i> , 2020, 12, 1544.	1.8	35
8	Large-scale variations in the dynamics of Amazon forest canopy gaps from airborne lidar data and opportunities for tree mortality estimates. <i>Scientific Reports</i> , 2021, 11, 1388.	1.6	32
9	Quantifying Canopy Tree Loss and Gap Recovery in Tropical Forests under Low-Intensity Logging Using VHR Satellite Imagery and Airborne LiDAR. <i>Remote Sensing</i> , 2019, 11, 817.	1.8	30
10	Life cycle of bamboo in the southwestern Amazon and its relation to fire events. <i>Biogeosciences</i> , 2018, 15, 6087-6104.	1.3	29
11	Extreme rainfall and its impacts in the Brazilian Minas Gerais state in January 2020: Can we blame climate change?. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	0.9	26
12	Regional Mapping and Spatial Distribution Analysis of Canopy Palms in an Amazon Forest Using Deep Learning and VHR Images. <i>Remote Sensing</i> , 2020, 12, 2225.	1.8	24
13	Drought-driven wildfire impacts on structure and dynamics in a wet Central Amazonian forest. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210094.	1.2	23
14	Phenology and Seasonal Ecosystem Productivity in an Amazonian Floodplain Forest. <i>Remote Sensing</i> , 2019, 11, 1530.	1.8	16
15	Carbon Dynamics in a Human-Modified Tropical Forest: A Case Study Using Multi-Temporal LiDAR Data. <i>Remote Sensing</i> , 2020, 12, 430.	1.8	15
16	Spectral/textural attributes from ALI/EO-1 for mapping primary and secondary tropical forests and studying the relationships with biophysical parameters. <i>GIScience and Remote Sensing</i> , 2014, 51, 677-694.	2.4	14
17	Assessment of climate change impacts on water resources of the Purus Basin in the southwestern Amazon. <i>Acta Amazonica</i> , 2017, 47, 213-226.	0.3	14
18	Aboveground biomass estimates over Brazilian savannas using hyperspectral metrics and machine learning models: experiences with Hyperion/EO-1. <i>GIScience and Remote Sensing</i> , 2021, 58, 1112-1129.	2.4	14

#	ARTICLE	IF	CITATIONS
19	Floristic and structure of an Amazonian primary forest and a chronosequence of secondary succession. <i>Acta Amazonica</i> , 2016, 46, 133-150.	0.3	13
20	Assessment of two techniques to merge ground-based and TRMM rainfall measurements: a case study about Brazilian Amazon Rainforest. <i>GIScience and Remote Sensing</i> , 2016, 53, 689-706.	2.4	13
21	Following a site-specific secondary succession in the Amazon using the Landsat CDR product and field inventory data. <i>International Journal of Remote Sensing</i> , 2015, 36, 574-596.	1.3	10
22	Quantifying Post-Fire Changes in the Aboveground Biomass of an Amazonian Forest Based on Field and Remote Sensing Data. <i>Remote Sensing</i> , 2022, 14, 1545.	1.8	10
23	Science-based planning can support law enforcement actions to curb deforestation in the Brazilian Amazon. <i>Conservation Letters</i> , 2022, 15, .	2.8	10
24	Forest Canopy Changes in the Southern Amazon during the 2019 Fire Season Based on Passive Microwave and Optical Satellite Observations. <i>Remote Sensing</i> , 2021, 13, 2238.	1.8	7
25	Assessing the effect of spatial resolution on the delineation of management zones for smallholder farming in southern Brazil. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 19, 100325.	0.8	7
26	Compound impact of land use and extreme climate on the 2020 fire record of the Brazilian Pantanal. <i>Global Ecology and Biogeography</i> , 2022, 31, 1960-1975.	2.7	6
27	Eficácia da arquitetura MLP em modo closed-loop para simulação de um Sistema Hidrológico. <i>Revista Brasileira De Recursos Hidricos</i> , 2016, 21, 821-831.	0.5	5
28	Adjustments to SIF Aid the Interpretation of Drought Responses at the Caatinga of Northeast Brazil. <i>Remote Sensing</i> , 2020, 12, 3264.	1.8	4
29	Change Detection of Selective Logging in the Brazilian Amazon Using X-Band SAR Data and Pre-Trained Convolutional Neural Networks. <i>Remote Sensing</i> , 2021, 13, 4944.	1.8	3
30	On the combined use of phenological metrics derived from different PlanetScope vegetation indices for classifying savannas in Brazil. <i>Remote Sensing Applications: Society and Environment</i> , 2022, 26, 100764.	0.8	2
31	ÁRVORE MODELO FRENTE A UMA REDE NEURAL ARTIFICIAL PARA A MODELAGEM CHUVA-AZUL. <i>Nativa</i> , 2019, 7, 527.	0.2	1