Ricardo Dalagnol

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5818367/publications.pdf

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	Extreme rainfall and its impacts in the Brazilian Minas Gerais state in January 2020: Can we blame climate change?. Climate Resilience and Sustainability, 2022, 1, .	0.9	26
2	Quantifying Post-Fire Changes in the Aboveground Biomass of an Amazonian Forest Based on Field and Remote Sensing Data. Remote Sensing, 2022, 14, 1545.	1.8	10
3	On the combined use of phenological metrics derived from different PlanetScope vegetation indices for classifying savannas in Brazil. Remote Sensing Applications: Society and Environment, 2022, 26, 100764.	0.8	2
4	Scienceâ€based planning can support law enforcement actions to curb deforestation in the Brazilian Amazon. Conservation Letters, 2022, 15, .	2.8	10
5	Compound impact of land use and extreme climate on the 2020 fire record of the Brazilian Pantanal. Global Ecology and Biogeography, 2022, 31, 1960-1975.	2.7	6
6	Large carbon sink potential of secondary forests in the Brazilian Amazon to mitigate climate change. Nature Communications, 2021, 12, 1785.	5.8	99
7	Drought-driven wildfire impacts on structure and dynamics in a wet Central Amazonian forest. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210094.	1.2	23
8	Forest Canopy Changes in the Southern Amazon during the 2019 Fire Season Based on Passive Microwave and Optical Satellite Observations. Remote Sensing, 2021, 13, 2238.	1.8	7
9	Aboveground biomass estimates over Brazilian savannas using hyperspectral metrics and machine learning models: experiences with Hyperion/EO-1. GIScience and Remote Sensing, 2021, 58, 1112-1129.	2.4	14
10	Large-scale variations in the dynamics of Amazon forest canopy gaps from airborne lidar data and opportunities for tree mortality estimates. Scientific Reports, 2021, 11, 1388.	1.6	32
11	Change Detection of Selective Logging in the Brazilian Amazon Using X-Band SAR Data and Pre-Trained Convolutional Neural Networks. Remote Sensing, 2021, 13, 4944.	1.8	3
12	Delineation of management zones in agricultural fields using coverâ€“crop biomass estimates from PlanetScope data. International Journal of Applied Earth Observation and Geoinformation, 2020, 85, 102004.	1.4	38
13	Both near-surface and satellite remote sensing confirm drought legacy effect on tropical forest leaf phenology after 2015/2016 ENSO drought. Remote Sensing of Environment, 2020, 237, 111489.	4.6	35
14	Regional Mapping and Spatial Distribution Analysis of Canopy Palms in an Amazon Forest Using Deep Learning and VHR Images. Remote Sensing, 2020, 12, 2225.	1.8	24
15	Adjustments to SIF Aid the Interpretation of Drought Responses at the Caatinga of Northeast Brazil. Remote Sensing, 2020, 12, 3264.	1.8	4
16	U-Net-Id, an Instance Segmentation Model for Building Extraction from Satellite Imagesâ€”Case Study in the JoanÃ³polis City, Brazil. Remote Sensing, 2020, 12, 1544.	1.8	35
17	Carbon Dynamics in a Human-Modified Tropical Forest: A Case Study Using Multi-Temporal LiDAR Data. Remote Sensing, 2020, 12, 430.	1.8	15
18	Tree Crown Delineation Algorithm Based on a Convolutional Neural Network. Remote Sensing, 2020, 12, 1288.	1.8	67

#	Article	IF	Citations
19	Assessing the effect of spatial resolution on the delineation of management zones for smallholder farming in southern Brazil. Remote Sensing Applications: Society and Environment, 2020, 19, 100325.	0.8	7
20	Phenology and Seasonal Ecosystem Productivity in an Amazonian Floodplain Forest. Remote Sensing, 2019, 11, 1530.	1.8	16
21	Quantifying Canopy Tree Loss and Gap Recovery in Tropical Forests under Low-Intensity Logging Using VHR Satellite Imagery and Airborne LiDAR. Remote Sensing, 2019, 11, 817.	1.8	30
22	Fire Responses to the 2010 and 2015/2016 Amazonian Droughts. Frontiers in Earth Science, 2019, 7, .	0.8	46
23	ÃRVORE MODELO FRENTE A UMA REDE NEURAL ARTIFICIAL PARA A MODELAGEM CHUVA-VAZÃƒO. Nativa, 2019, 7, 527.	0.2	1
24	Vulnerability of Amazonian forests to repeated droughts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170411.	1.8	80
25	Life cycle of bamboo in the southwestern Amazon and its relation to fire events. Biogeosciences, 2018, 15, 6087-6104.	1.3	29
26	Assessment of climate change impacts on water resources of the Purus Basin in the southwestern Amazon. Acta Amazonica, 2017, 47, 213-226.	0.3	14
27	Floristic and structure of an Amazonian primary forest and a chronosequence of secondary succession. Acta Amazonica, 2016, 46, 133-150.	0.3	13
28	EficÃ¡cia da arquitetura MLP em modo closed-loop para simulaÃ§Ã£o de um Sistema HidrolÃ³gico. Revista Brasileira De Recursos Hidricos, 2016, 21, 821-831.	0.5	5
29	Assessment of two techniques to merge ground-based and TRMM rainfall measurements: a case study about Brazilian Amazon Rainforest. GIScience and Remote Sensing, 2016, 53, 689-706.	2.4	13
30	Following a site-specific secondary succession in the Amazon using the Landsat CDR product and field inventory data. International Journal of Remote Sensing, 2015, 36, 574-596.	1.3	10
31	Spectral/textural attributes from ALI/EO-1 for mapping primary and secondary tropical forests and studying the relationships with biophysical parameters. GIScience and Remote Sensing, 2014, 51, 677-694.	2.4	14