

Danilo Roberti Alves de Almeida

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,566
citations

304602

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37
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54
docs citations

54
times ranked

2199
citing authors

#	ARTICLE	IF	CITATIONS
1	Large scale multi-layer fuel load characterization in tropical savanna using GEDI spaceborne lidar data. <i>Remote Sensing of Environment</i> , 2022, 268, 112764.	4.6	27
2	Multifunctional soil recovery during the restoration of Brazil's Atlantic Forest after bauxite mining. <i>Journal of Applied Ecology</i> , 2022, 59, 2262-2273.	1.9	7
3	High-Density UAV-LiDAR in an Integrated Crop-Livestock-Forest System: Sampling Forest Inventory or Forest Inventory Based on Individual Tree Detection (ITD). <i>Drones</i> , 2022, 6, 48.	2.7	10
4	A Conceptual Model for Detecting Small-Scale Forest Disturbances Based on Ecosystem Morphological Traits. <i>Remote Sensing</i> , 2022, 14, 933.	1.8	4
5	Applying High-Resolution UAV-LiDAR and Quantitative Structure Modelling for Estimating Tree Attributes in a Crop-Livestock-Forest System. <i>Land</i> , 2022, 11, 507.	1.2	6
6	Resource availability and disturbance shape maximum tree height across the Amazon. <i>Global Change Biology</i> , 2021, 27, 177-189.	4.2	26
7	Light- and nutrient-related relationships in mixed plantations of Eucalyptus and a high diversity of native tree species. <i>New Forests</i> , 2021, 52, 807-828.	0.7	2
8	Beyond trees: Mapping total aboveground biomass density in the Brazilian savanna using high-density UAV-lidar data. <i>Forest Ecology and Management</i> , 2021, 491, 119155.	1.4	24
9	Repeatability of the searching process in reviews of restoration outcomes. <i>Restoration Ecology</i> , 2021, 29, e13496.	1.4	9
10	Monitoring restored tropical forest diversity and structure through UAV-borne hyperspectral and lidar fusion. <i>Remote Sensing of Environment</i> , 2021, 264, 112582.	4.6	61
11	Impacts of selective logging on Amazon forest canopy structure and biomass with a LiDAR and photogrammetric survey sequence. <i>Forest Ecology and Management</i> , 2021, 500, 119648.	1.4	13
12	Fusion of Lidar and Hyperspectral Data from Drones for Ecological Questions: The Gatoreye Atlantic Forest Restoration Case Study. , 2021, , .		1
13	Qualifying the Information Detected from Airborne Laser Scanning to Support Tropical Forest Management Operational Planning. <i>Forests</i> , 2021, 12, 1724.	0.9	1
14	Effect of rosewood plantation chronosequence on soil attributes in Central Amazonia. <i>Geoderma</i> , 2020, 357, 113952.	2.3	8
15	A new era in forest restoration monitoring. <i>Restoration Ecology</i> , 2020, 28, 8-11.	1.4	37
16	Evaluating tropical forest classification and field sampling stratification from lidar to reduce effort and enable landscape monitoring. <i>Forest Ecology and Management</i> , 2020, 457, 117634.	1.4	13
17	Forest inventory with high-density UAV-Lidar: Machine learning approaches for predicting individual tree attributes. <i>Computers and Electronics in Agriculture</i> , 2020, 179, 105815.	3.7	63
18	Detecting successional changes in tropical forest structure using GatorEye droneborne lidar. <i>Biotropica</i> , 2020, 52, 1155-1167.	0.8	22

#	ARTICLE	IF	CITATIONS
19	Individual tree detection and species classification of Amazonian palms using UAV images and deep learning. <i>Forest Ecology and Management</i> , 2020, 475, 118397.	1.4	98
20	Reframing tropical savannization: linking changes in canopy structure to energy balance alterations that impact climate. <i>Ecosphere</i> , 2020, 11, e03231.	1.0	24
21	Single-Pass UAV-Borne GatorEye LiDAR Sampling as a Rapid Assessment Method for Surveying Forest Structure. <i>Remote Sensing</i> , 2020, 12, 4111.	1.8	13
22	Is the methodology used in reviews of restoration outcomes reliable? A systematic map protocol. <i>Ecological Solutions and Evidence</i> , 2020, 1, e12030.	0.8	6
23	Assessing the utility of airborne laser scanning derived indicators for tropical forest management. <i>Southern Forests</i> , 2020, 82, 352-358.	0.2	2
24	Postfire Tree Structure from High-Resolution LiDAR and RBR Sentinel 2A Fire Severity Metrics in a <i>Pinus halepensis</i> -Dominated Burned Stand. <i>Remote Sensing</i> , 2020, 12, 3554.	1.8	9
25	Individual Tree Attribute Estimation and Uniformity Assessment in Fast-Growing <i>Eucalyptus</i> spp. Forest Plantations Using Lidar and Linear Mixed-Effects Models. <i>Remote Sensing</i> , 2020, 12, 3599.	1.8	21
26	Standardizing Ecosystem Morphological Traits from 3D Information Sources. <i>Trends in Ecology and Evolution</i> , 2020, 35, 656-667.	4.2	72
27	Comparison of Statistical Modelling Approaches for Estimating Tropical Forest Aboveground Biomass Stock and Reporting Their Changes in Low-Intensity Logging Areas Using Multi-Temporal LiDAR Data. <i>Remote Sensing</i> , 2020, 12, 1498.	1.8	24
28	Combined Impact of Sample Size and Modeling Approaches for Predicting Stem Volume in <i>Eucalyptus</i> spp. Forest Plantations Using Field and LiDAR Data. <i>Remote Sensing</i> , 2020, 12, 1438.	1.8	23
29	Measuring Individual Tree Diameter and Height Using GatorEye High-Density UAV-Lidar in an Integrated Crop-Livestock-Forest System. <i>Remote Sensing</i> , 2020, 12, 863.	1.8	104
30	Aboveground Biomass Estimation in Amazonian Tropical Forests: a Comparison of Aircraft- and GatorEye UAV-borne LiDAR Data in the Chico Mendes Extractive Reserve in Acre, Brazil. <i>Remote Sensing</i> , 2020, 12, 1754.	1.8	25
31	Ecological outcomes of agroforests and restoration 15 years after planting. <i>Restoration Ecology</i> , 2020, 28, 1135-1144.	1.4	19
32	Emerging threats linking tropical deforestation and the COVID-19 pandemic. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 243-246.	1.0	65
33	Evaluating observed versus predicted forest biomass: R-squared, index of agreement or maximal information coefficient?. <i>European Journal of Remote Sensing</i> , 2019, 52, 345-358.	1.7	19
34	Persistent effects of fragmentation on tropical rainforest canopy structure after 20 years of isolation. <i>Ecological Applications</i> , 2019, 29, e01952.	1.8	45
35	ForestGAP: An R Package for forest gap analysis from canopy height models. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1347-1356.	2.2	45
36	Optimizing the Remote Detection of Tropical Rainforest Structure with Airborne Lidar: Leaf Area Profile Sensitivity to Pulse Density and Spatial Sampling. <i>Remote Sensing</i> , 2019, 11, 92.	1.8	69

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37	Monitoring the structure of forest restoration plantations with a drone-lidar system. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 79, 192-198.	1.4	81
38	The effectiveness of lidar remote sensing for monitoring forest cover attributes and landscape restoration. <i>Forest Ecology and Management</i> , 2019, 438, 34-43.	1.4	70
39	Monitoring The Brazilian Savanna with lidar and RGB Sensors Onboard Remotely Piloted Aircraft Systems. , 2019, , .		1
40	Towards high throughput assessment of canopy dynamics: The estimation of leaf area structure in Amazonian forests with multitemporal multi-sensor airborne lidar. <i>Remote Sensing of Environment</i> , 2019, 221, 1-13.	4.6	25
41	New information for managing <i>Copaifera multijuga</i> Hayne for oleoresin yield. <i>Forest Ecology and Management</i> , 2018, 414, 85-98.	1.4	13
42	High diversity mixed plantations of Eucalyptus and native trees: An interface between production and restoration for the tropics. <i>Forest Ecology and Management</i> , 2018, 417, 247-256.	1.4	51
43	Early ecological outcomes of natural regeneration and tree plantations for restoring agricultural landscapes. <i>Ecological Applications</i> , 2018, 28, 373-384.	1.8	35
44	Near-Infrared spectrometry allows fast and extensive predictions of functional traits from dry leaves and branches. <i>Ecological Applications</i> , 2018, 28, 1157-1167.	1.8	18
45	Changes in rosewood (<i>Aniba rosaeodora</i> Ducke) essential oil in response to management of commercial plantations in Central Amazonia. <i>Forest Ecology and Management</i> , 2018, 429, 143-157.	1.4	7
46	Fake legal logging in the Brazilian Amazon. <i>Science Advances</i> , 2018, 4, eaat1192.	4.7	75
47	Enhancing of accuracy assessment for forest above-ground biomass estimates obtained from remote sensing via hypothesis testing and overfitting evaluation. <i>Ecological Modelling</i> , 2017, 366, 15-26.	1.2	38
48	Discrimination of taxonomic identity at species, genus and family levels using Fourier Transformed Near-Infrared Spectroscopy (FT-NIR). <i>Forest Ecology and Management</i> , 2017, 406, 219-227.	1.4	38
49	New Allometric Equations to Support Sustainable Plantation Management of Rosewood (<i>Aniba</i>) Tj ETQq1 1 0.784314 rgBT /Qverlock 0,9 8		
50	Sequential Management of Commercial Rosewood (<i>Aniba rosaeodora</i> Ducke) Plantations in Central Amazonia: Seeking Sustainable Models for Essential Oil Production. <i>Forests</i> , 2017, 8, 438.	0.9	8
51	EUCALYPTUS STAND SAMPLE PLOTS COMPARED: FIXED AREA AND FIXED NUMBER OF TREES. <i>Revista Arvore</i> , 2016, 40, 529-533.	0.5	0
52	Contrasting fire damage and fire susceptibility between seasonally flooded forest and upland forest in the Central Amazon using portable profiling LiDAR. <i>Remote Sensing of Environment</i> , 2016, 184, 153-160.	4.6	49
53	Fire Damage in Seasonally Flooded and Upland Forests of the Central Amazon. <i>Biotropica</i> , 2014, 46, 643-646.	0.8	32