

Juliana Schietti

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

2,954
citations

24
h-index

46
g-index

46
ext. papers

3,755
ext. citations

8
avg, IF

4.34
L-index

#	Paper	IF	Citations
43	Hyperdominance in the Amazonian tree flora. <i>Science</i> , 2013 , 342, 1243092	33.3	637
42	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. <i>Science</i> , 2017 , 355, 925-931	33.3	280
41	Diversity enhances carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1314-1828	24.5	
40	Dispersal limitation induces long-term biomass collapse in overhunted Amazonian forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 892-7	11.5	210
39	Markedly divergent estimates of Amazon forest carbon density from ground plots and satellites. <i>Global Ecology and Biogeography</i> , 2014 , 23, 935-946	6.1	205
38	Hyperdominance in Amazonian forest carbon cycling. <i>Nature Communications</i> , 2015 , 6, 6857	17.4	157
37	Amazon forest carbon dynamics predicted by profiles of canopy leaf area and light environment. <i>Ecology Letters</i> , 2012 , 15, 1406-14	10	132
36	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020 , 368, 869-874	33.3	92
35	Estimating the global conservation status of more than 15,000 Amazonian tree species. <i>Science Advances</i> , 2015 , 1, e1500936	14.3	91
34	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018 , 8, 1003	4.9	78
33	Vertical distance from drainage drives floristic composition changes in an Amazonian rainforest. <i>Plant Ecology and Diversity</i> , 2014 , 7, 241-253	2.2	77
32	Historical human footprint on modern tree species composition in the Purus-Madeira interfluve, central Amazonia. <i>PLoS ONE</i> , 2012 , 7, e48559	3.7	72
31	Embolism resistance drives the distribution of Amazonian rainforest tree species along hydro-topographic gradients. <i>New Phytologist</i> , 2019 , 221, 1457-1465	9.8	62
30	Can traits predict individual growth performance? A test in a hyperdiverse tropical forest. <i>New Phytologist</i> , 2018 , 219, 109-121	9.8	57
29	The importance of hydraulic architecture to the distribution patterns of trees in a central Amazonian forest. <i>New Phytologist</i> , 2017 , 215, 113-125	9.8	48
28	Structural Dynamics of Tropical Moist Forest Gaps. <i>PLoS ONE</i> , 2015 , 10, e0132144	3.7	44
27	Linking canopy leaf area and light environments with tree size distributions to explain Amazon forest demography. <i>Ecology Letters</i> , 2015 , 18, 636-45	10	43

26	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	5	37
25	Deforestation and conservation in major watersheds of the Brazilian Amazon. <i>Environmental Conservation</i> , 2009 , 36, 277-288	3.3	37
24	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	13.2	37
23	Soil physical conditions limit palm and tree basal area in Amazonian forests. <i>Plant Ecology and Diversity</i> , 2014 , 7, 215-229	2.2	35
22	Soil physical restrictions and hydrology regulate stand age and wood biomass turnover rates of PurusMadeira interfluvial wetlands in Amazonia. <i>Biogeosciences</i> , 2013 , 10, 7759-7774	4.6	25
21	Persistent effects of fragmentation on tropical rainforest canopy structure after 20yr of isolation. <i>Ecological Applications</i> , 2019 , 29, e01952	4.9	24
20	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020 , 10, 10130	4.9	24
19	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1495-1514	6.1	21
18	Assessing the relationship between forest types and canopy tree beta diversity in Amazonia. <i>Ecography</i> , 2010 , 33, 738-747	6.5	21
17	Forest structure along a 600km transect of natural disturbances and seasonality gradients in central-southern Amazonia. <i>Journal of Ecology</i> , 2016 , 104, 1335-1346	6	20
16	Rarity of monodominance in hyperdiverse Amazonian forests. <i>Scientific Reports</i> , 2019 , 9, 13822	4.9	19
15	Changes in Ground-dwelling Ant Functional Diversity are Correlated with Water-Table Level in an Amazonian Terra Firme Forest. <i>Biotropica</i> , 2013 , 45, 755-763	2.3	18
14	Local Hydrological Conditions Explain Floristic Composition in Lowland Amazonian Forests. <i>Biotropica</i> , 2014 , 46, 395-403	2.3	16
13	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021 , 260, 108849	6.2	15
12	Trait divergence and habitat specialization in tropical floodplain forests trees. <i>PLoS ONE</i> , 2019 , 14, e0213732	3.7	14
11	Soil-induced impacts on forest structure drive coarse woody debris stocks across central Amazonia. <i>Plant Ecology and Diversity</i> , 2015 , 8, 229-241	2.2	14
10	Palms and trees resist extreme drought in Amazon forests with shallow water tables. <i>Journal of Ecology</i> , 2020 , 108, 2070-2082	6	13
9	Spatial and environmental correlates of intraspecific morphological variation in three species of passerine birds from the PurusMadeira interfluvium, Central Amazonia. <i>Evolutionary Ecology</i> , 2018 , 32, 191-214	1.8	8

8	The Domestication of the Amazon Tree Grape () Under an Ecological Lens. <i>Frontiers in Plant Science</i> , 2018 , 9, 203	6.2	7
7	Higher rates of liana regeneration after canopy fall drives species abundance patterns in central Amazonia. <i>Journal of Ecology</i> , 2020 , 108, 1311-1321	6	5
6	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021 , 5, 757-767	12.3	5
5	The other side of tropical forest drought: do shallow water table regions of Amazonia act as large-scale hydrological refugia from drought?. <i>New Phytologist</i> , 2022 ,	9.8	3
4	Edaphic characteristics drive functional traits distribution in Amazonian floodplain forests. <i>Plant Ecology</i> , 2021 , 222, 349-360	1.7	3
3	Mapping hydrological environments in central Amazonia: ground validation and surface model based on SRTM DEM data corrected for deforestation. <i>Earth System Science Data</i> , 2015 , 7, 29-34	10.5	2
2	Water table level and soil texture are important drivers of dung beetle diversity in Amazonian lowland forests. <i>Applied Soil Ecology</i> , 2022 , 170, 104260	5	1
1	Eighty-four per cent of all Amazonian arboreal plant individuals are useful to humans. <i>PLoS ONE</i> , 2021 , 16, e0257875	3.7	0