

# Carolina Castilho

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

4,501  
citations

361413

20  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

8280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Averting biodiversity collapse in tropical forest protected areas. <i>Nature</i> , 2012, 489, 290-294.	27.8	909
2	Hyperdominance in the Amazonian Tree Flora. <i>Science</i> , 2013, 342, 1243092.	12.6	873
3	Long-term decline of the Amazon carbon sink. <i>Nature</i> , 2015, 519, 344-348.	27.8	796
4	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. <i>Science</i> , 2017, 355, 925-931.	12.6	443
5	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
6	Estimating the global conservation status of more than 15,000 Amazonian tree species. <i>Science Advances</i> , 2015, 1, e1500936.	10.3	122
7	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018, 8, 1003.	3.3	113
8	Vertical distance from drainage drives floristic composition changes in an Amazonian rainforest. <i>Plant Ecology and Diversity</i> , 2014, 7, 241-253.	2.4	112
9	Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. <i>Biogeosciences</i> , 2016, 13, 2537-2562.	3.3	108
10	Can traits predict individual growth performance? A test in a hyperdiverse tropical forest. <i>New Phytologist</i> , 2018, 219, 109-121.	7.3	98
11	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	4.1	71
12	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
13	How much variation in tree mortality is predicted by soil and topography in Central Amazonia?. <i>Forest Ecology and Management</i> , 2011, 262, 331-338.	3.2	58
14	Tree mode of death in Central Amazonia: Effects of soil and topography on tree mortality associated with storm disturbances. <i>Forest Ecology and Management</i> , 2012, 263, 253-261.	3.2	56
15	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020, 10, 10130.	3.3	53
16	Low Phylogenetic Beta Diversity and Geographic Neotendism in Amazonian White-sand Forests. <i>Biotropica</i> , 2016, 48, 34-46.	1.6	52
17	Disentangling the role of edaphic variability, flooding regime and topography of Amazonian white-sand vegetation. <i>Journal of Vegetation Science</i> , 2013, 24, 384-394.	2.2	49
18	Soil physical conditions limit palm and tree basal area in Amazonian forests. <i>Plant Ecology and Diversity</i> , 2014, 7, 215-229.	2.4	45

#	ARTICLE	IF	CITATIONS
19	Leaf litter fungi in a Central Amazonian forest: the influence of rainfall, soil and topography on the distribution of fruiting bodies. <i>Biodiversity and Conservation</i> , 2008, 17, 2701-2712.	2.6	41
20	Rarity of monodominance in hyperdiverse Amazonian forests. <i>Scientific Reports</i> , 2019, 9, 13822.	3.3	28
21	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021, 5, 757-767.	7.8	27
22	Liana Abundance Patterns: The Role of Ecological Filters during Development. <i>Biotropica</i> , 2011, 43, 442-449.	1.6	21
23	Soil-induced impacts on forest structure drive coarse woody debris stocks across central Amazonia. <i>Plant Ecology and Diversity</i> , 2015, 8, 229-241.	2.4	20
24	MASTREE+: Time-series of plant reproductive effort from six continents. <i>Global Change Biology</i> , 2022, 28, 3066-3082.	9.5	19
25	Competition, exogenous disturbances and senescence shape tree size distribution in tropical forest: evidence from tree mode of death in Central Amazonia. <i>Journal of Vegetation Science</i> , 2013, 24, 651-663.	2.2	18
26	Near-infrared spectrometry allows fast and extensive predictions of functional traits from dry leaves and branches. <i>Ecological Applications</i> , 2018, 28, 1157-1167.	3.8	18
27	Decomposition rates of coarse woody debris in undisturbed Amazonian seasonally flooded and unflooded forests in the Rio Negro-Rio Branco Basin in Roraima, Brazil. <i>Forest Ecology and Management</i> , 2017, 397, 1-9.	3.2	17
28	Water table depth modulates productivity and biomass across Amazonian forests. <i>Global Ecology and Biogeography</i> , 2022, 31, 1571-1588.	5.8	17
29	Soil controls biomass and dynamics of an Amazonian forest through the shifting of species and traits. <i>Revista Brasileira De Botanica</i> , 2017, 40, 451-461.	1.3	16
30	Production and stock of coarse woody debris across a hydro-edaphic gradient of oligotrophic forests in the northern Brazilian Amazon. <i>Forest Ecology and Management</i> , 2016, 364, 1-9.	3.2	15
31	Influence of soil, topography and substrates on differences in wood decomposition between one-hectare plots in lowland tropical moist forest in Central Amazonia. <i>Journal of Tropical Ecology</i> , 2009, 25, 649-656.	1.1	12
32	Is the <i>Peltogyne gracilipes</i> monodominant forest characterised by distinct soils?. <i>Acta Oecologica</i> , 2017, 85, 104-107.	1.1	12