Alexandre A Oliveira

List of Publications by Year
in descending order

67	7,468	159585 30	110387 64
papers	citations	h-index	g-index

72	72	72	9637
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hyperdominance in the Amazonian Tree Flora. Science, 2013, 342, 1243092.	12.6	873
2	Biomass resilience of Neotropical secondary forests. Nature, 2016, 530, 211-214.	27.8	763
3	<scp>CTFS</scp>â€Forest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. Global Change Biology, 2015, 21, 528-549.	9.5	473
4	Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. Science, 2017, 355, 925-931.	12.6	443
5	Tree height integrated into pantropical forest biomass estimates. Biogeosciences, 2012, 9, 3381-3403.	3.3	373
6	A spatial model of tree Î±-diversity and tree density for the Amazon. Biodiversity and Conservation, 2003, 12, 2255-2277.	2.6	348
7	Global importance of largeâ€diameter trees. Global Ecology and Biogeography, 2018, 27, 849-864.	5.8	330
8	An analysis of the floristic composition and diversity of Amazonian forests including those of the Guiana Shield. Journal of Tropical Ecology, 2000, 16, 801-828.	1.1	300
9	Biodiversity recovery of Neotropical secondary forests. Science Advances, 2019, 5, eaau3114.	10.3	291
10	Scaleâ€dependent relationships between tree species richness and ecosystem function in forests. Journal of Ecology, 2013, 101, 1214-1224.	4.0	265
11	Does functional trait diversity predict aboveâ€ground biomass and productivity of tropical forests? Testing three alternative hypotheses. Journal of Ecology, 2015, 103, 191-201.	4.0	265
12	Decomposition in tropical forests: a panâ€tropical study of the effects of litter type, litter placement and mesofaunal exclusion across a precipitation gradient. Journal of Ecology, 2009, 97, 801-811.	4.0	256
13	Pervasive alteration of tree communities in undisturbed Amazonian forests. Nature, 2004, 428, 171-175.	27.8	243
14	A central Amazonian terra firme forest. I. High tree species richness on poor soils. , 1999, 8, 1219-1244.		210
15	Amazonian Tree Mortality during the 1997 El Nino Drought. Conservation Biology, 2000, 14, 1538-1542.	4.7	200
16	Biodiversity and climate determine the functioning of Neotropical forests. Global Ecology and Biogeography, 2017, 26, 1423-1434.	5.8	193
17	Estimating the global conservation status of more than 15,000 Amazonian tree species. Science Advances, 2015, 1, e1500936.	10.3	122
18	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	4.1	122

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19	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. Scientific Reports, 2018, 8, 1003.	3.3	113
20	Effects of a strong drought on Amazonian forest fragments and edges. Journal of Tropical Ecology, 2001, 17, 771-785.	1.1	106
21	Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. Ecology Letters, 2019, 22, 245-255.	6.4	92
22	Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. Biogeosciences, 2014, 11, 6827-6840.	3.3	89
23	How much do we know about the endangered Atlantic Forest? Reviewing nearly 70Âyears of information on tree community surveys. Biodiversity and Conservation, 2015, 24, 2135-2148.	2.6	85
24	The erosion of biodiversity and biomass in the Atlantic Forest biodiversity hotspot. Nature Communications, 2020, 11, 6347.	12.8	81
25	Disentangling regional and local tree diversity in the Amazon. Ecography, 2009, 32, 46-54.	4.5	61
26	Biased-corrected richness estimates for the Amazonian tree flora. Scientific Reports, 2020, 10, 10130.	3.3	53
27	Title is missing!. , 1999, 8, 1245-1259.		51
28	Global tree-ring analysis reveals rapid decrease in tropical tree longevity with temperature. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33358-33364.	7.1	46
29	Habitat specialization and phylogenetic structure of tree species in a coastal Brazilian white-sand forest. Journal of Plant Ecology, 2014, 7, 134-144.	2.3	39
30	Floristic relationships of terra firme forests in the Brazilian Amazon. Forest Ecology and Management, 2001, 146, 169-179.	3.2	37
31	Fragmented tropical forests lose mutualistic plantâ€“animal interactions. Diversity and Distributions, 2020, 26, 154-168.	4.1	37
32	Local plant species delimitation in a highly diverse <scp>A</scp>mazonian forest: do we all see the same species?. Journal of Vegetation Science, 2013, 24, 70-79.	2.2	34
33	Relative effect of litter quality, forest type and their interaction on leaf decomposition in south-east Brazilian forests. Journal of Tropical Ecology, 2008, 24, 149-156.	1.1	32
34	Insights into regional patterns of Amazonian forest structure, diversity, and dominance from three large terra-firme forest dynamics plots. Biodiversity and Conservation, 2017, 26, 669-686.	2.6	29
35	Patterns of nitrogenâ€fixing tree abundance in forests across Asia and America. Journal of Ecology, 2019, 107, 2598-2610.	4.0	29
36	Rarity of monodominance in hyperdiverse Amazonian forests. Scientific Reports, 2019, 9, 13822.	3.3	28

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37	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. Nature Communications, 2021, 12, 3137.	12.8	28
38	Altered Tree Communities in Undisturbed Amazonian Forests: A Consequence of Global Change?1. Biotropica, 2005, 37, 160-162.	1.6	25
39	Landscapeâ€level effects on aboveground biomass of tropical forests: A conceptual framework. Global Change Biology, 2018, 24, 597-607.	9.5	22
40	Intraspecific leaf trait variability along a boreal-to-tropical community diversity gradient. PLoS ONE, 2017, 12, e0172495.	2.5	20
41	The importance of plant life form on spatial associations along a subtropical coastal dune gradient. Journal of Vegetation Science, 2012, 23, 952-961.	2.2	19
42	Structure, diversity, and spatial patterns in a permanent plot of a high Restinga forest in Southeastern Brazil. Acta Botanica Brasilica, 2011, 25, 633-645.	0.8	18
43	Making forest data fair and open. Nature Ecology and Evolution, 2022, 6, 656-658.	7.8	18
44	ProduÃ§Ã£o de serrapilheira e decomposiÃ§Ã£o foliar em fragmentos florestais de diferentes fases sucessionais no Planalto AtlÃ¢ntico do estado de SÃ£o Paulo, Brasil. Biota Neotropica, 2012, 12, 136-143.	1.0	16
45	Forest conservation: Humans' handprints. Science, 2017, 355, 466-467.	12.6	16
46	Does extreme environmental severity promote plant facilitation? An experimental field test in a subtropical coastal dune. Oecologia, 2015, 178, 855-866.	2.0	14
47	InventÃ¡rios quantitativos de Ã¡rvores em matas de terra firme: histÃ³rico com enfoque na AmazÃ´nia Brasileira. Acta Amazonica, 2000, 30, 543-543.	0.7	14
48	Can plant DNA barcoding be implemented in species-rich tropical regions? A perspective from SÃ£o Paulo State, Brazil. Genetics and Molecular Biology, 2018, 41, 661-670.	1.3	12
49	The importance of mesofauna and decomposition environment on leaf decomposition in three forests in southeastern Brazil. Plant Ecology, 2012, 213, 1303-1313.	1.6	11
50	Landscape forest loss decreases aboveground biomass of Neotropical forests patches in moderately disturbed regions. Landscape Ecology, 2021, 36, 439-453.	4.2	11
51	Cluster planting facilitates survival but not growth in early development of restored tropical forest. Basic and Applied Ecology, 2016, 17, 489-496.	2.7	10
52	Making a Bad Situation Worse: An Invasive Species Altering the Balance of Interactions between Local Species. PLoS ONE, 2016, 11, e0152070.	2.5	10
53	Estimating interaction credit for trophic rewilding in tropical forests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170435.	4.0	9
54	A framework for identifying and integrating sociocultural and environmental elements of indigenous peoplesâ€™ and local communitiesâ€™ landscape transformations. Perspectives in Ecology and Conservation, 2021, 19, 143-152.	1.9	9

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55	Abiotic and Biotic Influences on Earlyâ€Stage Survival in Two Shadeâ€Tolerant Tree Species in Brazil's Atlantic Forest. Biotropica, 2013, 45, 728-736.	1.6	8
56	Recovering from forest-to-pasture conversion: leaf decomposition in Central Amazonia, Brazil. Journal of Tropical Ecology, 2014, 30, 93-96.	1.1	8
57	In vitro anti-HIV and antitumor evaluation of Amazonian plants belonging to the Apocynaceae family. Phytomedicine, 2002, 9, 175.	5.3	5
58	The Role of Soil Nutrients in Boundaries between Mangrove and Herbaceous Assemblages in a Tropical Estuary. Biotropica, 2015, 47, 517-520.	1.6	5
59	Flora de GrÃ£o-Mogol, Minas Gerais: Apocynaceae s.l. (exceto Asclepiadoideae). Boletim De BotÃ¢nica, 2003, 21, 73.	0.2	4
60	Co-occurrences of tropical trees in eastern South America: disentangling abiotic and biotic forces. Plant Ecology, 2021, 222, 791-806.	1.6	3
61	Community structure and species composition of a periodically flooded Restinga forest in Caraguatatuba, SÃ£o Paulo, Brazil. Biota Neotropica, 2019, 19, .	0.5	2
62	Biomass and demographic dynamics of the Brazil nut family (Lecythidaceae) in a mature Central Amazon rain forest. Forest Ecology and Management, 2022, 509, 120058.	3.2	2
63	Climatic distribution of tree species in the Atlantic Forest. Biotropica, 2022, 54, 1170-1181.	1.6	2
64	Where do seedlings for Restinga restoration come from and where should they come from?. Natureza A Conservacao, 2016, 14, 142-145.	2.5	1
65	Spatial patterns in the brood combs of Nannotrigona testaceicornis (Hymenoptera: Meliponinae): male clusters. Genetics and Molecular Research, 2009, 8, 577-588.	0.2	1
66	Immunohistochemical Protocol to Identify Glial Fibrillary Acid Protein (GFAP) in the Dorsal Horn of the Spinal Cord. FASEB Journal, 2015, 29, 704.3.	0.5	1
67	The effect of competition on Bacopa monnieri zonation in an temporarily open/closed tropical estuary. Estuarine, Coastal and Shelf Science, 2015, 163, 231-234.	2.1	0