

# Alexandre A Oliveira

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

7,468  
citations

159358

30  
h-index

110170

64  
g-index

72  
all docs

72  
docs citations

72  
times ranked

9637  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Hyperdominance in the Amazonian Tree Flora. <i>Science</i> , 2013, 342, 1243092.  | 6.0  | 873       |
| 2  | Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.  | 13.7 | 763       |
| 3  | <scp>CTFS</scp>â€Forest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. <i>Global Change Biology</i> , 2015, 21, 528-549.   | 4.2  | 473       |
| 4  | Persistent effects of pre-Columbian plant domestication on Amazonian forest composition. <i>Science</i> , 2017, 355, 925-931.   | 6.0  | 443       |
| 5  | Tree height integrated into pantropical forest biomass estimates. <i>Biogeosciences</i> , 2012, 9, 3381-3403.   | 1.3  | 373       |
| 6  | A spatial model of tree ð±-diversity and tree density for the Amazon. <i>Biodiversity and Conservation</i> , 2003, 12, 2255-2277.   | 1.2  | 348       |
| 7  | Global importance of largeâ€diameter trees. <i>Global Ecology and Biogeography</i> , 2018, 27, 849-864.   | 2.7  | 330       |
| 8  | An analysis of the floristic composition and diversity of Amazonian forests including those of the Guiana Shield. <i>Journal of Tropical Ecology</i> , 2000, 16, 801-828.   | 0.5  | 300       |
| 9  | Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.  | 4.7  | 291       |
| 10 | Scaleâ€dependent relationships between tree species richness and ecosystem function in forests. <i>Journal of Ecology</i> , 2013, 101, 1214-1224.   | 1.9  | 265       |
| 11 | Does functional trait diversity predict aboveâ€ground biomass and productivity of tropical forests? Testing three alternative hypotheses. <i>Journal of Ecology</i> , 2015, 103, 191-201.                         | 1.9  | 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. <i>Journal of Ecology</i> , 2009, 97, 801-811. | 1.9  | 256       |
| 13 | Pervasive alteration of tree communities in undisturbed Amazonian forests. <i>Nature</i> , 2004, 428, 171-175.  | 13.7 | 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. <i>Conservation Biology</i> , 2000, 14, 1538-1542.  | 2.4  | 200       |
| 16 | Biodiversity and climate determine the functioning of Neotropical forests. <i>Global Ecology and Biogeography</i> , 2017, 26, 1423-1434.  | 2.7  | 193       |
| 17 | Estimating the global conservation status of more than 15,000 Amazonian tree species. <i>Science Advances</i> , 2015, 1, e1500936.  | 4.7  | 122       |
| 18 | ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.  | 1.9  | 122       |

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|----|--|-----|-----------|
| 19 | Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018, 8, 1003.  | 1.6 | 113       |
| 20 | Effects of a strong drought on Amazonian forest fragments and edges. <i>Journal of Tropical Ecology</i> , 2001, 17, 771-785.   | 0.5 | 106       |
| 21 | Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. <i>Ecology Letters</i> , 2019, 22, 245-255.   | 3.0 | 92        |
| 22 | Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. <i>Biogeosciences</i> , 2014, 11, 6827-6840.   | 1.3 | 89        |
| 23 | How much do we know about the endangered Atlantic Forest? Reviewing nearly 70 years of information on tree community surveys. <i>Biodiversity and Conservation</i> , 2015, 24, 2135-2148.                      | 1.2 | 85        |
| 24 | The erosion of biodiversity and biomass in the Atlantic Forest biodiversity hotspot. <i>Nature Communications</i> , 2020, 11, 6347.  | 5.8 | 81        |
| 25 | Disentangling regional and local tree diversity in the Amazon. <i>Ecography</i> , 2009, 32, 46-54.   | 2.1 | 61        |
| 26 | Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020, 10, 10130.   | 1.6 | 53        |
| 27 | Title is missing!. , 1999, 8, 1245-1259.   |     | 51        |
| 28 | Global tree-ring analysis reveals rapid decrease in tropical tree longevity with temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33358-33364. | 3.3 | 46        |
| 29 | Habitat specialization and phylogenetic structure of tree species in a coastal Brazilian white-sand forest. <i>Journal of Plant Ecology</i> , 2014, 7, 134-144.  | 1.2 | 39        |
| 30 | Floristic relationships of terra firme forests in the Brazilian Amazon. <i>Forest Ecology and Management</i> , 2001, 146, 169-179.   | 1.4 | 37        |
| 31 | Fragmented tropical forests lose mutualistic plant-animal interactions. <i>Diversity and Distributions</i> , 2020, 26, 154-168.  | 1.9 | 37        |
| 32 | Local plant species delimitation in a highly diverse Amazonian forest: do we all see the same species?. <i>Journal of Vegetation Science</i> , 2013, 24, 70-79.  | 1.1 | 34        |
| 33 | Relative effect of litter quality, forest type and their interaction on leaf decomposition in south-east Brazilian forests. <i>Journal of Tropical Ecology</i> , 2008, 24, 149-156.                            | 0.5 | 32        |
| 34 | Insights into regional patterns of Amazonian forest structure, diversity, and dominance from three large terra-firme forest dynamics plots. <i>Biodiversity and Conservation</i> , 2017, 26, 669-686.          | 1.2 | 29        |
| 35 | Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.   | 1.9 | 29        |
| 36 | Rarity of monodominance in hyperdiverse Amazonian forests. <i>Scientific Reports</i> , 2019, 9, 13822.   | 1.6 | 28        |

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|----|--|-----|-----------|
| 37 | Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.  | 5.8 | 28        |
| 38 | Altered Tree Communities in Undisturbed Amazonian Forests: A Consequence of Global Change?1. <i>Biotropica</i> , 2005, 37, 160-162.  | 0.8 | 25        |
| 39 | Landscape-level effects on aboveground biomass of tropical forests: A conceptual framework. <i>Global Change Biology</i> , 2018, 24, 597-607.  | 4.2 | 22        |
| 40 | Intraspecific leaf trait variability along a boreal-to-tropical community diversity gradient. <i>PLoS ONE</i> , 2017, 12, e0172495.  | 1.1 | 20        |
| 41 | The importance of plant life form on spatial associations along a subtropical coastal dune gradient. <i>Journal of Vegetation Science</i> , 2012, 23, 952-961.   | 1.1 | 19        |
| 42 | Structure, diversity, and spatial patterns in a permanent plot of a high Restinga forest in Southeastern Brazil. <i>Acta Botanica Brasílica</i> , 2011, 25, 633-645.   | 0.8 | 18        |
| 43 | Making forest data fair and open. <i>Nature Ecology and Evolution</i> , 2022, 6, 656-658.  | 3.4 | 18        |
| 44 | Produção de serrapilheira e decomposição foliar em fragmentos florestais de diferentes fases sucessionais no Planalto Atlântico do estado de São Paulo, Brasil. <i>Biota Neotropica</i> , 2012, 12, 136-143.                       | 1.0 | 16        |
| 45 | Forest conservation: Humans' handprints. <i>Science</i> , 2017, 355, 466-467.  | 6.0 | 16        |
| 46 | Does extreme environmental severity promote plant facilitation? An experimental field test in a subtropical coastal dune. <i>Oecologia</i> , 2015, 178, 855-866.   | 0.9 | 14        |
| 47 | Inventários quantitativos de Árvores em matas de terra firme: histórico com enfoque na Amazônia Brasileira. <i>Acta Amazonica</i> , 2000, 30, 543-543.   | 0.3 | 14        |
| 48 | Can plant DNA barcoding be implemented in species-rich tropical regions? A perspective from São Paulo State, Brazil. <i>Genetics and Molecular Biology</i> , 2018, 41, 661-670.  | 0.6 | 12        |
| 49 | The importance of mesofauna and decomposition environment on leaf decomposition in three forests in southeastern Brazil. <i>Plant Ecology</i> , 2012, 213, 1303-1313.  | 0.7 | 11        |
| 50 | Landscape forest loss decreases aboveground biomass of Neotropical forests patches in moderately disturbed regions. <i>Landscape Ecology</i> , 2021, 36, 439-453.  | 1.9 | 11        |
| 51 | Cluster planting facilitates survival but not growth in early development of restored tropical forest. <i>Basic and Applied Ecology</i> , 2016, 17, 489-496.   | 1.2 | 10        |
| 52 | Making a Bad Situation Worse: An Invasive Species Altering the Balance of Interactions between Local Species. <i>PLoS ONE</i> , 2016, 11, e0152070.  | 1.1 | 10        |
| 53 | Estimating interaction credit for trophic rewilding in tropical forests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170435.  | 1.8 | 9         |
| 54 | A framework for identifying and integrating sociocultural and environmental elements of indigenous peoples' and local communities' landscape transformations. <i>Perspectives in Ecology and Conservation</i> , 2021, 19, 143-152. | 1.0 | 9         |

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|----|---|-----|-----------|
| 55 | Abiotic and Biotic Influences on Early-Stage Survival in Two Shade-Tolerant Tree Species in Brazil's Atlantic Forest. <i>Biotropica</i> , 2013, 45, 728-736.                    | 0.8 | 8         |
| 56 | Recovering from forest-to-pasture conversion: leaf decomposition in Central Amazonia, Brazil. <i>Journal of Tropical Ecology</i> , 2014, 30, 93-96.                             | 0.5 | 8         |
| 57 | In vitro anti-HIV and antitumor evaluation of Amazonian plants belonging to the Apocynaceae family. <i>Phytomedicine</i> , 2002, 9, 175.  | 2.3 | 5         |
| 58 | The Role of Soil Nutrients in Boundaries between Mangrove and Herbaceous Assemblages in a Tropical Estuary. <i>Biotropica</i> , 2015, 47, 517-520.                              | 0.8 | 5         |
| 59 | Flora de Grão-Mogol, Minas Gerais: Apocynaceae s.l. (exceto Asclepiadoideae). <i>Boletim De Botânica</i> , 2003, 21, 73.  | 0.2 | 4         |
| 60 | Co-occurrences of tropical trees in eastern South America: disentangling abiotic and biotic forces. <i>Plant Ecology</i> , 2021, 222, 791-806.                                  | 0.7 | 3         |
| 61 | Community structure and species composition of a periodically flooded Restinga forest in Caraguatatuba, São Paulo, Brazil. <i>Biota Neotropica</i> , 2019, 19, .                | 0.2 | 2         |
| 62 | Biomass and demographic dynamics of the Brazil nut family (Lecythidaceae) in a mature Central Amazon rain forest. <i>Forest Ecology and Management</i> , 2022, 509, 120058.     | 1.4 | 2         |
| 63 | Climatic distribution of tree species in the Atlantic Forest. <i>Biotropica</i> , 2022, 54, 1170-1181.  | 0.8 | 2         |
| 64 | Where do seedlings for Restinga restoration come from and where should they come from?. <i>Natureza A Conservacao</i> , 2016, 14, 142-145.                                      | 2.5 | 1         |
| 65 | Spatial patterns in the brood combs of <i>Nannotrigona testaceicornis</i> (Hymenoptera: Meliponinae): male clusters. <i>Genetics and Molecular Research</i> , 2009, 8, 577-588. | 0.3 | 1         |
| 66 | Immunohistochemical Protocol to Identify Glial Fibrillary Acid Protein (GFAP) in the Dorsal Horn of the Spinal Cord. <i>FASEB Journal</i> , 2015, 29, 704.3.                    | 0.2 | 1         |
| 67 | The effect of competition on <i>Bacopa monnieri</i> zonation in an temporarily open/closed tropical estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 231-234.  | 0.9 | 0         |