

# Wenderson Castro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5073297/publications.pdf>

Version: 2024-02-01

21  
papers

1,574  
citations

471509

17  
h-index

752698

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	9.5	265
2	Hyperdominance in Amazonian forest carbon cycling. <i>Nature Communications</i> , 2015, 6, 6857.	12.8	214
3	Amazon forest response to repeated droughts. <i>Global Biogeochemical Cycles</i> , 2016, 30, 964-982.	4.9	201
4	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
5	Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. <i>Biogeosciences</i> , 2016, 13, 2537-2562.	3.3	108
6	The number of tree species on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	86
7	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021, 260, 108849.	4.1	71
8	Tree mode of death and mortality risk factors across Amazon forests. <i>Nature Communications</i> , 2020, 11, 5515.	12.8	62
9	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
10	Non-structural carbohydrates mediate seasonal water stress across Amazon forests. <i>Nature Communications</i> , 2021, 12, 2310.	12.8	59
11	Differentiation of neotropical ecosystems by modern soil phytolith assemblages and its implications for palaeoenvironmental and archaeological reconstructions II: Southwestern Amazonian forests. <i>Review of Palaeobotany and Palynology</i> , 2016, 226, 30-43.	1.5	55
12	Evolutionary diversity is associated with wood productivity in Amazonian forests. <i>Nature Ecology and Evolution</i> , 2019, 3, 1754-1761.	7.8	32
13	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021, 5, 757-767.	7.8	27
14	Tree mortality, recruitment and growth in a bamboo dominated forest fragment in southwestern Amazonia, Brazil. <i>Biota Neotropica</i> , 2013, 13, 29-34.	1.0	25
15	The White-sand Vegetation of Acre, Brazil. <i>Biotropica</i> , 2016, 48, 81-89.	1.6	23
16	Individual-Based Modeling of Amazon Forests Suggests That Climate Controls Productivity While Traits Control Demography. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	19
17	Botanical advances in Southwestern Amazonia: The flora of Acre (Brazil) five years after the first Catalogue. <i>Phytotaxa</i> , 2014, 177, 101.	0.3	18
18	Water table depth modulates productivity and biomass across Amazonian forests. <i>Global Ecology and Biogeography</i> , 2022, 31, 1571-1588.	5.8	17

#	ARTICLE	IF	CITATIONS
19	Effects of road infrastructure on forest value across a tri-national Amazonian frontier. <i>Biological Conservation</i> , 2015, 191, 674-681.	4.1	16
20	Trade-offs among forest value components in community forests of southwestern Amazonia. <i>Ecology and Society</i> , 2014, 19, .	2.3	14
21	Primary modes of tree mortality in southwestern Amazon forests. <i>Trees, Forests and People</i> , 2022, 7, 100180.	1.9	0