

Erika Berenguer

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

6,031
citations

159358

30
h-index

138251

58
g-index

66
all docs

66
docs citations

66
times ranked

9948
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database “ enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
2	Anthropogenic disturbance in tropical forests can double biodiversity loss from deforestation. <i>Nature</i> , 2016, 535, 144-147.	13.7	718
3	21st Century drought-related fires counteract the decline of Amazon deforestation carbon emissions. <i>Nature Communications</i> , 2018, 9, 536.	5.8	485
4	The future of hyperdiverse tropical ecosystems. <i>Nature</i> , 2018, 559, 517-526.	13.7	452
5	A large-scale field assessment of carbon stocks in human-modified tropical forests. <i>Global Change Biology</i> , 2014, 20, 3713-3726.	4.2	300
6	How pervasive is biotic homogenization in human-modified tropical forest landscapes?. <i>Ecology Letters</i> , 2015, 18, 1108-1118.	3.0	233
7	Clarifying Amazonia's burning crisis. <i>Global Change Biology</i> , 2020, 26, 319-321.	4.2	210
8	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	6.0	198
9	Toward an integrated monitoring framework to assess the effects of tropical forest degradation and recovery on carbon stocks and biodiversity. <i>Global Change Biology</i> , 2016, 22, 92-109.	4.2	165
10	A framework for integrating biodiversity concerns into national REDD+ programmes. <i>Biological Conservation</i> , 2012, 154, 61-71.	1.9	138
11	A social and ecological assessment of tropical land uses at multiple scales: the Sustainable Amazon Network. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120166.	1.8	133
12	The contribution of insects to global forest deadwood decomposition. <i>Nature</i> , 2021, 597, 77-81.	13.7	123
13	The COVID-19 pandemic as an opportunity to weaken environmental protection in Brazil. <i>Biological Conservation</i> , 2021, 255, 108994.	1.9	122
14	Biodiversity consequences of land-use change and forest disturbance in the Amazon: A multi-scale assessment using ant communities. <i>Biological Conservation</i> , 2016, 197, 98-107.	1.9	119
15	Second rate or a second chance? Assessing biomass and biodiversity recovery in regenerating Amazonian forests. <i>Global Change Biology</i> , 2018, 24, 5680-5694.	4.2	107
16	Carbon-focused conservation may fail to protect the most biodiverse tropical forests. <i>Nature Climate Change</i> , 2018, 8, 744-749.	8.1	98
17	The critical importance of considering fire in REDD+ programs. <i>Biological Conservation</i> , 2012, 154, 1-8.	1.9	95
18	Integrated terrestrial-freshwater planning doubles conservation of tropical aquatic species. <i>Science</i> , 2020, 370, 117-121.	6.0	87

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19	Drought-induced Amazonian wildfires instigate a decadal-scale disruption of forest carbon dynamics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20180043.	1.8	79
20	Climatic and local stressor interactions threaten tropical forests and coral reefs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190116.	1.8	69
21	Quantifying immediate carbon emissions from El Niño-mediated wildfires in humid tropical forests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170312.	1.8	64
22	Disentangling the contribution of multiple land covers to fire-mediated carbon emissions in Amazonia during the 2010 drought. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1739-1753.	1.9	63
23	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	2.7	62
24	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020, 10, 10130.	1.6	53
25	Soil Organic Matter Responses to Anthropogenic Forest Disturbance and Land Use Change in the Eastern Brazilian Amazon. <i>Sustainability</i> , 2017, 9, 379.	1.6	51
26	Assessing the growth and climate sensitivity of secondary forests in highly deforested Amazonian landscapes. <i>Ecology</i> , 2020, 101, e02954.	1.5	51
27	Tracking the impacts of El Niño drought and fire in human-modified Amazonian forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	51
28	The Global Ecosystems Monitoring network: Monitoring ecosystem productivity and carbon cycling across the tropics. <i>Biological Conservation</i> , 2021, 253, 108889.	1.9	42
29	ENSO Drives interannual variation of forest woody growth across the tropics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170410.	1.8	41
30	Pantropical modelling of canopy functional traits using Sentinel-2 remote sensing data. <i>Remote Sensing of Environment</i> , 2021, 252, 112122.	4.6	38
31	Amazonian forest degradation must be incorporated into the COP26 agenda. <i>Nature Geoscience</i> , 2021, 14, 634-635.	5.4	32
32	Estimating the multi-decadal carbon deficit of burned Amazonian forests. <i>Environmental Research Letters</i> , 2020, 15, 114023.	2.2	32
33	Seeing the woods through the saplings: Using wood density to assess the recovery of human-modified Amazonian forests. <i>Journal of Ecology</i> , 2018, 106, 2190-2203.	1.9	31
34	Acoustic indices perform better when applied at ecologically meaningful time and frequency scales. <i>Methods in Ecology and Evolution</i> , 2021, 12, 421-431.	2.2	31
35	Idiosyncratic responses of Amazonian birds to primary forest disturbance. <i>Oecologia</i> , 2016, 180, 903-916.	0.9	29
36	Tree growth and stem carbon accumulation in human-modified Amazonian forests following drought and fire. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170308.	1.8	29

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37	The Potential of Multisource Remote Sensing for Mapping the Biomass of a Degraded Amazonian Forest. <i>Forests</i> , 2018, 9, 303.	0.9	29
38	Global relationships in tree functional traits. <i>Nature Communications</i> , 2022, 13, .	5.8	29
39	Smoke pollution's impacts in Amazonia. <i>Science</i> , 2020, 369, 634-635.	6.0	28
40	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021, 5, 757-767.	3.4	27
41	Linking land-use and land-cover transitions to their ecological impact in the Amazon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	24
42	Old-growth forest loss and secondary forest recovery across Amazonian countries. <i>Environmental Research Letters</i> , 2021, 16, 085009.	2.2	22
43	El Niño impacts on human-modified tropical forests: Consequences for dung beetle diversity and associated ecological processes. <i>Biotropica</i> , 2020, 52, 252-262.	0.8	21
44	Rainforest-to-pasture conversion stimulates soil methanogenesis across the Brazilian Amazon. <i>ISME Journal</i> , 2021, 15, 658-672.	4.4	21
45	A large-scale assessment of plant dispersal mode and seed traits across human-modified Amazonian forests. <i>Journal of Ecology</i> , 2020, 108, 1373-1385.	1.9	20
46	Belowground changes to community structure alter methane-cycling dynamics in Amazonia. <i>Environment International</i> , 2020, 145, 106131.	4.8	18
47	Improving the spatial-temporal analysis of Amazonian fires. <i>Global Change Biology</i> , 2021, 27, 469-471.	4.2	17
48	Reassessing the role of cattle and pasture in Brazil's deforestation: A response to "Fire, deforestation, and livestock: When the smoke clears". <i>Land Use Policy</i> , 2021, 108, 105195.	2.5	17
49	Water table depth modulates productivity and biomass across Amazonian forests. <i>Global Ecology and Biogeography</i> , 2022, 31, 1571-1588.	2.7	17
50	Developing Cost-Effective Field Assessments of Carbon Stocks in Human-Modified Tropical Forests. <i>PLoS ONE</i> , 2015, 10, e0133139.	1.1	13
51	Spatio-temporal variation in dry season determines the Amazonian fire calendar. <i>Environmental Research Letters</i> , 2021, 16, 125009.	2.2	11
52	Strong floristic distinctiveness across Neotropical successional forests. <i>Science Advances</i> , 2022, 8, .	4.7	10
53	Functional redundancy of Amazonian dung beetles confers community-level resistance to primary forest disturbance. <i>Biotropica</i> , 2021, 53, 1510-1521.	0.8	9
54	Functional susceptibility of tropical forests to climate change. <i>Nature Ecology and Evolution</i> , 2022, 6, 878-889.	3.4	8

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55	Leaf-litter production in human-modified Amazonian forests following the El Niño-mediated drought and fires of 2015–2016. <i>Forest Ecology and Management</i> , 2021, 496, 119441.	1.4	6
56	Assessing invertebrate herbivory in human-modified tropical forest canopies. <i>Ecology and Evolution</i> , 2021, 11, 4012-4022.	0.8	5
57	Comparing contemporary and lifetime rates of carbon accumulation from secondary forests in the eastern Amazon. <i>Forest Ecology and Management</i> , 2022, 508, 120053.	1.4	4
58	Chapter 28: Restoration options for the Amazon. , 2021, , .		2
59	Predation on artificial caterpillars following understory fires in human-modified Amazonian forests. <i>Biotropica</i> , 2022, 54, 754-763.	0.8	1
60	Chapter 20: Drivers and impacts of changes in aquatic ecosystems. , 2021, , .		1
61	Chapter 19: Drivers and ecological impacts of deforestation and forest degradation. , 2021, , .		1
62	Chapter 29: Restoration priorities and benefits within landscapes and catchments and across the Amazon basin. , 2021, , .		0
63	Chapter 21: Human well-being and health impacts of the degradation of terrestrial and aquatic ecosystems. , 2021, , .		0
64	Chapter 27: Conservation measures to counter the main threats to Amazonian biodiversity. , 2021, , .		0