

Ana Cm Malhado

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

3,183
citations

257101

24
h-index

182168

51
g-index

93
all docs

93
docs citations

93
times ranked

6237
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	Conservation culturomics. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 269-275.	1.9	201
3	Atmospheric versus vegetation controls of Amazonian tropical rain forest evapotranspiration: Are the wet and seasonally dry rain forests any different?. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	118
4	Mapping ignorance: 300 years of collecting flowering plants in Africa. <i>Global Ecology and Biogeography</i> , 2016, 25, 1085-1096.	2.7	85
5	Assessing cultural ecosystem services of a large marine protected area through social media photographs. <i>Ocean and Coastal Management</i> , 2019, 176, 40-48.	2.0	74
6	Modelling Local Attitudes to Protected Areas in Developing Countries. <i>Conservation and Society</i> , 2016, 14, 163.	0.4	70
7	Digital data sources and methods for conservation culturomics. <i>Conservation Biology</i> , 2021, 35, 398-411.	2.4	68
8	Tropical Artisanal Coastal Fisheries: Challenges and Future Directions. <i>Reviews in Fisheries Science and Aquaculture</i> , 2014, 22, 1-15.	5.1	66
9	Familiarity breeds content: assessing bird species popularity with culturomics. <i>PeerJ</i> , 2016, 4, e1728.	0.9	62
10	The drought of the century in the Amazon Basin: an analysis of the regional variation of rainfall in South America in 1926. <i>Acta Amazonica</i> , 2005, 35, 231-238.	0.3	58
11	Drivers of taxonomic bias in conservation research: a global analysis of terrestrial mammals. <i>Animal Conservation</i> , 2020, 23, 679-688.	1.5	52
12	Internet scientific name frequency as an indicator of cultural salience of biodiversity. <i>Ecological Indicators</i> , 2017, 78, 549-555.	2.6	51
13	No visit, no interest: How COVID-19 has affected public interest in world's national parks. <i>Biological Conservation</i> , 2021, 256, 109015.	1.9	51
14	Seasonal leaf dynamics in an Amazonian tropical forest. <i>Forest Ecology and Management</i> , 2009, 258, 1161-1165.	1.4	47
15	Modeling the photosynthetically active radiation in South West Amazonia under all sky conditions. <i>Theoretical and Applied Climatology</i> , 2012, 108, 631-640.	1.3	42
16	The ghosts of forests past and future: deforestation and botanical sampling in the Brazilian Amazon. <i>Ecography</i> , 2020, 43, 979-989.	2.1	41
17	Protected area asset stewardship. <i>Biological Conservation</i> , 2017, 212, 183-190.	1.9	37
18	Unexplored Diversity and Conservation Potential of Neotropical Hot Caves. <i>Conservation Biology</i> , 2012, 26, 978-982.	2.4	33

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19	A culturomics approach to quantifying the salience of species on the global internet. <i>People and Nature</i> , 2019, 1, 524-532.	1.7	33
20	Are compound leaves an adaptation to seasonal drought or to rapid growth? Evidence from the Amazon rain forest. <i>Global Ecology and Biogeography</i> , 2010, 19, 852-862.	2.7	32
21	Spatial trends in leaf size of Amazonian rainforest trees. <i>Biogeosciences</i> , 2009, 6, 1563-1576.	1.3	31
22	The influence of oceanic basins on drought and ecosystem dynamics in Northeast Brazil. <i>Environmental Research Letters</i> , 2014, 9, 124013.	2.2	30
23	Eighteen years of Antillean manatee <i>Trichechus manatus manatus</i> releases in Brazil: lessons learnt. <i>Oryx</i> , 2015, 49, 338-344.	0.5	30
24	Cerrado Conservation is Essential to Protect the Amazon Rainforest. <i>Ambio</i> , 2010, 39, 580-584.	2.8	27
25	Genetic parameters for milk yield, lactation length and calving intervals of Murrah buffaloes from Brazil. <i>Revista Brasileira De Zootecnia</i> , 2013, 42, 565-569.	0.3	27
26	Estuarization increases functional diversity of demersal fish assemblages in tropical coastal ecosystems. <i>Journal of Fish Biology</i> , 2016, 89, 847-862.	0.7	26
27	Understanding non-compliance: Local people's perceptions of natural resource exploitation inside two national parks in northeast Brazil. <i>Journal for Nature Conservation</i> , 2017, 40, 64-76.	0.8	26
28	The power and the promise of culturomics. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 290-291.	1.9	26
29	A salience index for integrating multiple user perspectives in cultural ecosystem service assessments. <i>Ecosystem Services</i> , 2018, 32, 182-192.	2.3	26
30	Spatial distribution and functional significance of leaf lamina shape in Amazonian forest trees. <i>Biogeosciences</i> , 2009, 6, 1577-1590.	1.3	25
31	Assessing insularity in global science. <i>Scientometrics</i> , 2012, 93, 745-750.	1.6	25
32	Drip-tips are Associated with Intensity of Precipitation in the Amazon Rain Forest. <i>Biotropica</i> , 2012, 44, 728-737.	0.8	25
33	Nomenclature instability in species culturomic assessments: Why synonyms matter. <i>Ecological Indicators</i> , 2018, 90, 74-78.	2.6	25
34	Geographic trends and information deficits in Amazonian conservation research. <i>Biodiversity and Conservation</i> , 2015, 24, 2853-2863.	1.2	24
35	Protected areas buffer the Brazilian semi-arid biome from climate change. <i>Biotropica</i> , 2017, 49, 753-760.	0.8	24
36	Known unknowns: Filling the gaps in scientific knowledge production in the Caatinga. <i>PLoS ONE</i> , 2019, 14, e0219359.	1.1	23

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37	Artisanal Fisheries Research: A Need for Globalization?. PLoS ONE, 2016, 11, e0150689.	1.1	22
38	The scientific value of Amazonian protected areas. Biodiversity and Conservation, 2016, 25, 1503-1513.	1.2	22
39	Geographic and Temporal Trends in Amazonian Knowledge Production. Biotropica, 2014, 46, 6-13.	0.8	20
40	Brazilian Dry Forest (Caatinga) Response To Multiple ENSO: the role of Atlantic and Pacific Ocean. Science of the Total Environment, 2020, 705, 135717.	3.9	19
41	Brazil policy invites marine invasive species. Science, 2020, 368, 481-481.	6.0	19
42	COVID-19 lockdowns increase public interest in urban nature. Frontiers in Ecology and the Environment, 2021, 19, 320-322.	1.9	19
43	Hunting in Brazil: What are the options?. Perspectives in Ecology and Conservation, 2019, 17, 71-79.	1.0	18
44	Post-release monitoring of Antillean manatees: an assessment of the Brazilian rehabilitation and release programme. Animal Conservation, 2016, 19, 235-246.	1.5	17
45	Culturomic assessment of Brazilian protected areas: Exploring a novel index of protected area visibility. Ecological Indicators, 2018, 85, 165-171.	2.6	17
46	Age at first calving of Nelore cattle in the semi-arid region of northeastern Brazil using linear, threshold, censored and penalty models. Livestock Science, 2013, 154, 28-33.	0.6	16
47	Are Protected Areas undervalued? An asset-based analysis of Brazilian Protected Area Management Plans. Journal of Environmental Management, 2019, 249, 109347.	3.8	16
48	Taxonomic bias in amphibian research: Are researchers responding to conservation need?. Journal for Nature Conservation, 2020, 56, 125829.	0.8	16
49	Genetic improvement and population structure of the Nelore breed in Northern Brazil. Pesquisa Agropecuária Brasileira, 2010, 45, 1109-1116.	0.9	15
50	Monitoring carbon assimilation in South America's tropical forests: Model specification and application to the Amazonian droughts of 2005 and 2010. Remote Sensing of Environment, 2012, 117, 449-463.	4.6	15
51	Nursing the caatinga back to health. Journal of Arid Environments, 2013, 90, 67-68.	1.2	15
52	Cultural viability of reintroducing the ecologically extinct Alagoas Curassow (Pauxi mitu Linnaeus, 1766). Conservation Biology, 2010, 24, 107-115.	0.8	15
53	Inbreeding depression on production and reproduction traits of buffaloes from Brazil. Animal Science Journal, 2013, 84, 289-295.	0.6	14
54	Research trends in biogeography. Journal of Biogeography, 2015, 42, 2270-2276.	1.4	14

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55	The ecological biogeography of Amazonia. <i>Frontiers of Biogeography</i> , 2013, 5, .	0.8	12
56	Behaviour of dispersion indices in pattern detection of a population of angico, <i>Anadenanthera peregrina</i> (Leguminosae). <i>Brazilian Journal of Biology</i> , 2004, 64, 243-249.	0.4	11
57	Bird communities in three forest types in the Pernambuco Centre of Endemism, Alagoas, Brazil. <i>Iheringia - Serie Zoologia</i> , 2013, 103, 85-96.	0.5	11
58	Ecological outcomes of Atlantic Forest restoration initiatives by sugar cane producers. <i>Land Use Policy</i> , 2016, 52, 345-352.	2.5	11
59	Are capacity deficits in local government leaving the Amazon vulnerable to environmental change?. <i>Land Use Policy</i> , 2017, 69, 326-330.	2.5	11
60	Caution with claims that a species has been rediscovered. <i>Nature</i> , 2009, 461, 723-723.	13.7	10
61	Climatological correlates of seed size in Amazonian forest trees. <i>Journal of Vegetation Science</i> , 2015, 26, 956-963.	1.1	9
62	Using ignorance scores to explore biodiversity recording effort for multiple taxa in the Caatinga. <i>Ecological Indicators</i> , 2019, 106, 105539.	2.6	9
63	History of registered Gyr breed in Brazilian Northeast: population structure and genetic improvement of growth traits. <i>Ciencia Rural</i> , 2010, 40, 1385-1391.	0.3	8
64	Population structure and genetic variability in the Murrah dairy breed of water buffalo in Brazil accessed via pedigree analysis. <i>Tropical Animal Health and Production</i> , 2012, 44, 1891-1897.	0.5	8
65	Perceptions of Amazonian deforestation in the British and Brazilian media. <i>Acta Amazonica</i> , 2010, 40, 319-324.	0.3	7
66	Amazon Science Needs Brazilian Leadership. <i>Science</i> , 2011, 331, 857-857.	6.0	7
67	Spatio-temporal Variability of Chlorophyll-A in the Coastal Zone of Northeastern Brazil. <i>Estuaries and Coasts</i> , 2015, 38, 72-83.	1.0	7
68	Drier climate shifts leaf morphology in Amazonian trees. <i>Oecologia</i> , 2017, 185, 525-531.	0.9	6
69	Monitoring and mapping non-governmental conservation action in Amazonia. <i>Land Use Policy</i> , 2020, 94, 104556.	2.5	6
70	Social media data reveals multiple cultural services along the 8.500 kilometers of Brazilian coastline. <i>Ocean and Coastal Management</i> , 2021, 214, 105918.	2.0	6
71	Multi-site land surface model optimization: An exploration of objective functions. <i>Agricultural and Forest Meteorology</i> , 2013, 182-183, 168-176.	1.9	5
72	Uncovering assets in Brazilian national parks. <i>Journal of Environmental Management</i> , 2021, 287, 112289.	3.8	5

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73	Coupled Atmosphere-Biosphere Models as a Tool for Conservation Planning and Policy. <i>Natureza A Conservacao</i> , 2011, 9, 145-151.	2.5	5
74	Come all ye scientists, busy and exhausted. O come ye, O come ye, out of the lab. <i>Nature</i> , 2007, 450, 1156-1156.	13.7	4
75	Predicting land cover changes in the Amazon rainforest: An ocean-atmosphere-biosphere problem. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	4
76	Private protected areas: three key challenges. <i>Environmental Conservation</i> , 2014, 41, 239-240.	0.7	4
77	Vegetation patterns in South America associated with rising CO2: uncertainties related to sea surface temperatures. <i>Theoretical and Applied Climatology</i> , 2013, 111, 569-576.	1.3	3
78	Pivotal 20th Century Contributions to the Development of the Anthropocene Concept: Overview and Implications. <i>Current Science</i> , 2018, 115, 1871.	0.4	3
79	New data system to galvanize Brazil's conservation efforts. <i>Nature</i> , 2010, 465, 869-869.	13.7	2
80	Response of South American Terrestrial Ecosystems to Future Patterns of Sea Surface Temperature. <i>Advances in Meteorology</i> , 2017, 2017, 1-16.	0.6	2
81	Revealing the hidden value of protected areas. <i>Land Use Policy</i> , 2021, 111, 105733.	2.5	2
82	A digital approach to quantifying political vulnerability of protected areas. <i>Environmental Science and Policy</i> , 2021, 124, 616-626.	2.4	2
83	Oil Spill Disaster in Southwest Atlantic Coast: an Evaluation of Short-Term Effects on Coral Reef Benthic Assemblages. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.3	2
84	A big data approach to identify the loss of coastal cultural ecosystem services caused by the 2019 Brazilian oil spill disaster. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.3	2
85	Public awareness and engagement in relation to the coastal oil spill in northeast Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.3	2
86	Scientific Productivity of Brazilian Ecological Stations. <i>Environmental Conservation</i> , 2019, 46, 219-225.	0.7	1
87	Environmental correlates of seed weight of tropical semi-arid woody species. <i>Plant and Soil</i> , 2020, 446, 369-378.	1.8	1
88	Record of <i>Leptoglossus cinctus</i> (Hemiptera: Coreidae) associated with the native tree <i>Byrsonima sericea</i> (Malpighiaceae) and the cashew tree <i>Anacardium occidentale</i> (Anacardiaceae). <i>Brazilian Journal of Biology</i> , 2018, 78, 172-173.	0.4	1
89	Environmental factors driving plant trait distributions in coastal zones of Atlantic Forest. <i>Rodriguesia</i> , 0, 72, .	0.9	1
90	Culturomics for (not against!) protected areas. <i>Biological Conservation</i> , 2021, 260, 109197.	1.9	0

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91	Oil Spill Detection and Visualization from UAV Images using Convolutional Neural Networks. , 2022, , .		0