Natasha S Ribeiro

List of Publications by Year
in descending order

56 papers	892 citations	516710 16 h-index	526287 27 g-index
58 all docs	58 docs citations	58 times ranked	956 citing authors

#	Article	IF	Citations
1	Tropical forest loss enhanced by large-scale land acquisitions. Nature Geoscience, 2020, 13, 482-488.	12.9	87
2	Charcoal production in the Mopane woodlands of Mozambique: what are the trade-offs with other ecosystem services?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150315.	4.0	59
3	Monitoring vegetation dynamics and carbon stock density in miombo woodlands. Carbon Balance and Management, 2013, 8, 11.	3.2	54
4	The effects of fire and elephants on species composition and structure of the Niassa Reserve, northern Mozambique. Forest Ecology and Management, 2008, 255, 1626-1636.	3.2	51
5	Environmental Conservation and Social Benefits of Charcoal Production in Mozambique. Ecological Economics, 2018, 144, 100-111.	5.7	43
6	Aboveground biomass and leaf area index (LAI) mapping for Niassa Reserve, northern Mozambique. Journal of Geophysical Research, 2008, 113, .	3.3	42
7	Mapping smallholder and large-scale cropland dynamics with a flexible classification system and pixel-based composites in an emerging frontier of Mozambique. Remote Sensing of Environment, 2020, 239, 111611.	11.0	42
8	Charcoal-related forest degradation dynamics in dry African woodlands: Evidence from Mozambique. Applied Geography, 2019, 107, 72-81.	3.7	33
9	Charcoal income as a means to a valuable end: Scope and limitations of income from rural charcoal production to alleviate acute multidimensional poverty in Mabalane district, southern Mozambique. World Development Perspectives, 2017, 7-8, 43-60.	2.0	31
10	Impacts of land use intensification on human wellbeing: Evidence from rural Mozambique. Global Environmental Change, 2019, 59, 101976.	7.8	29
11	Opportunities and challenges for savanna burning emissions abatement in southern Africa. Journal of Environmental Management, 2021, 288, 112414.	7.8	29
12	The influence of fire frequency on the structure and botanical composition of savanna ecosystems. Ecology and Evolution, 2019, 9, 8253-8264.	1.9	24
13	Characterisation of spatial and temporal distribution of the fire regime in Niassa National Reserve, northern Mozambique. International Journal of Wildland Fire, 2017, 26, 1021.	2.4	23
14	â€˜To prevent this disease, we have to stay at home, but if we stay at home, we die of hungerâ€™ â€“ Livelihoods, vulnerability and coping with Covid-19 in rural Mozambique. World Development, 2022, 151, 105757.	4.9	23
15	Genetic diversity of Brachystegia boehmii Taub. and Burkea africana Hook. f. across a fire gradient in Niassa National Reserve, northern Mozambique. Biochemical Systematics and Ecology, 2013, 48, 238-247.	1.3	18
16	Biomass allometric equation and expansion factor for a mountain moist evergreen forest in Mozambique. Carbon Balance and Management, 2018, 13, 23.	3.2	18
17	Woody species from the Mozambican Miombo woodlands: A review on their ethnomedicinal uses and pharmacological potential. Journal of Medicinal Plants Research, 2018, 12, 15-31.	0.4	18
18	Monitoring intra and inter annual dynamics of forest degradation from charcoal production in Southern Africa with Sentinel â€“ 2 imagery. International Journal of Applied Earth Observation and Geoinformation, 2020, 92, 102184.	2.8	16

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19	Structural diversity and tree density drives variation in the biodiversity–ecosystem function relationship of woodlands and savannas. New Phytologist, 2021, 232, 579-594.	7.3	16
20	Miombo Woodlands Research Towards the Sustainable Use of Ecosystem Services in Southern Africa. , 0, , .		14
21	How have carbon stocks in central and southern Africa's miombo woodlands changed over the last 50 years? A systematic map of the evidence. Environmental Evidence, 2018, 7, .	2.7	13
22	Diversification of African Tree Legumes in Miombo–Mopane Woodlands. Plants, 2019, 8, 182.	3.5	13
23	A Livelihood and Farming System approach for effective conservation policies in Protected Areas of Developing Countries: The case study of the Niassa National Reserve in Mozambique. Land Use Policy, 2020, 99, 105056.	5.6	13
24	Savanna fire management can generate enough carbon revenue to help restore Africa's rangelands and fill protected area funding gaps. One Earth, 2021, 4, 1776-1791.	6.8	13
25	Vegetation structure and effects of human use of the dambos ecosystem in northern Mozambique. Global Ecology and Conservation, 2019, 20, e00704.	2.1	12
26	Participation in illegal harvesting of natural resources and the perceived costs and benefits of living within a protected area. Ecological Economics, 2021, 179, 106825.	5.7	12
27	Mining the Microbiome of Key Species from African Savanna Woodlands: Potential for Soil Health Improvement and Plant Growth Promotion. Microorganisms, 2020, 8, 1291.	3.6	11
28	Prediction of forest parameters and carbon accounting under different fire regimes in Miombo woodlands, Niassa Special Reserve, Northern Mozambique. Forest Policy and Economics, 2021, 133, 102625.	3.4	11
29	Instantaneous Pre-Fire Biomass and Fuel Load Measurements from Multi-Spectral UAS Mapping in Southern African Savannas. Fire, 2021, 4, 2.	2.8	9
30	The impact of land use and cover change on above and below-ground carbon stocks of the miombo woodlands since the 1950s: a systematic review protocol. Environmental Evidence, 2014, 3, 25.	2.7	8
31	Gathering honey from wild and traditional hives in the Miombo woodlands of the Niassa National Reserve, Mozambique: What are the impacts on tree populations?. Global Ecology and Conservation, 2019, 17, e00552.	2.1	8
32	Scenarios for Just and Sustainable Futures in the Miombo Woodlands. , 2020, , 191-234.		8
33	Characterization of the Primary Metabolome of Brachystegia boehmii and Colophospermum mopane under Different Fire Regimes in Miombo and Mopane African Woodlands. Frontiers in Plant Science, 2017, 8, 2130.	3.6	7
34	Understanding Land Use, Land Cover and Woodland-Based Ecosystem Services Change, Mabalane, Mozambique. Energy and Environment Research, 2017, 7, 1.	0.2	7
35	An expert-based approach to assess the potential for local people engagement in nature conservation: The case study of the Niassa National Reserve in Mozambique. Journal for Nature Conservation, 2019, 52, 125759.	1.8	7
36	Effect of charcoal production and woodland type on soil organic carbon and total nitrogen in drylands of southern Mozambique. Forest Ecology and Management, 2020, 457, 117692.	3.2	7

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37	Biodiversity Studies in Key Species from the African Mopane and Miombo Woodlands. , 0, , .		6
38	The Potential of Tree and Shrub Legumes in Agroforestry Systems. , 0, , .		6
39	The Nexus between Fire and Soil Bacterial Diversity in the African Miombo Woodlands of Niassa Special Reserve, Mozambique. Microorganisms, 2021, 9, 1562.	3.6	6
40	Modelling Aboveground Biomass of Miombo Woodlands in Niassa Special Reserve, Northern Mozambique. Forests, 2022, 13, 311.	2.1	6
41	An innovative approach to disentangling the effect of management and environment on tree cover and density of protected areas in African savanna. Forest Ecology and Management, 2018, 419-420, 1-9.	3.2	5
42	Remote Sensing of Biomass in the Miombo Woodlands of Southern Africa: Opportunities and Limitations for Research. , 0, , .		4
43	Biogeography and Ecology of Miombo Woodlands. , 2020, , 9-53.		4
44	Stable carbon isotopic composition of biomass burning emissions â€" implications for estimating the contribution of C<sub>3</sub>Âand C<sub>4</sub>Âplants. Atmospheric Chemistry and Physics, 2022, 22, 2871-2890.	4.9	4
45	Food and medicinal uses of Annona senegalensisÂPers.: a country-wide assessment of traditional theoretical knowledge and actual uses in Benin, West Africa. Journal of Ethnobiology and Ethnomedicine, 2022, 18, 10.	2.6	4
46	Ecological characterization of an<i>ex situ</i>conservation plantation in south-eastern Mozambique. African Journal of Ecology, 2017, 55, 70-79.	0.9	3
47	People in the Miombo Woodlands: Socio-Ecological Dynamics. , 2020, , 55-100.		3
48	Tree harvesting is not the same as deforestation. Nature Climate Change, 2022, 12, 307-309.	18.8	3
49	The influence of rainfall, vegetation, elephants and people on fire frequency of miombo woodlands, Northern Mozambique. , 2009, , .		2
50	Field data on Vegetation Structure and Effects of Human Use of the Dambos Ecosystem in Northern Mozambique. Data in Brief, 2019, 26, 104454.	1.0	2
51	Dataset from 55 experts engaged in nature conservation in Mozambique. Data in Brief, 2020, 28, 105080.	1.0	2
52	Regeneration and Restoration Status of Miombo Woodland Following Land Use Land Cover Changes at the Buffer Zone of Gile National Park, Central Mozambique. Trees, Forests and People, 2022, 9, 100290.	1.9	2
53	A Burning Question: Can Savannah Fire Management Generate Enough Carbon Revenue to Help Save the Lion from Extinction?. SSRN Electronic Journal, 0, , .	0.4	1
54	Development of A Study Module on and Pedagogical Approaches to Industrial Environmental Engineering and Sustainability in Mozambique. International Journal of Higher Education, 2017, 6, 50.	0.5	0

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55	Mapping floristic communities in Southern Africa savannas, Mozambique. Rodriguesia, 0, 72, .	0.9	0
56	Study Module Development on Environmental Engineering â€" Experiences from Mozambican and Finnish Higher Education Collaboration. , 2014, , .		0