Nathalie Butt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7907513/publications.pdf

Version: 2024-02-01

62	3,520	159585	144013
papers	citations	30 h-index	57 g-index

64	64	64	7363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>CTFS</scp>â€Forest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. Global Change Biology, 2015, 21, 528-549.	9.5	473
2	Scaleâ€dependent relationships between tree species richness and ecosystem function in forests. Journal of Ecology, 2013, 101, 1214-1224.	4.0	265
3	Mapping vulnerability and conservation adaptation strategies under climate change. Nature Climate Change, 2013, 3, 989-994.	18.8	204
4	Changing trends and persisting biases in three decades of conservation science. Global Ecology and Conservation, 2017, 10, 32-42.	2.1	192
5	Conservation implications of ecological responses to extreme weather and climate events. Diversity and Distributions, 2019, 25, 613-625.	4.1	156
6	Modelling climate change impacts on speciesâ€™ distributions at the European scale: implications for conservation policy. Environmental Science and Policy, 2006, 9, 116-128.	4.9	135
7	Phylogenetic approaches reveal biodiversity threats under climate change. Nature Climate Change, 2016, 6, 1110-1114.	18.8	133
8	Evidence that deforestation affects the onset of the rainy season in Rondonia, Brazil. Journal of Geophysical Research, 2011, 116, .	3.3	116
9	Biodiversity Risks from Fossil Fuel Extraction. Science, 2013, 342, 425-426.	12.6	110
10	Adapting systematic conservation planning for climate change. Biodiversity and Conservation, 2018, 27, 1-29.	2.6	109
11	Cascading effects of climate extremes on vertebrate fauna through changes to lowâ€latitude tree flowering and fruiting phenology. Global Change Biology, 2015, 21, 3267-3277.	9.5	108
12	Fires increase Amazon forest productivity through increases in diffuse radiation. Geophysical Research Letters, 2015, 42, 4654-4662.	4.0	87
13	The impact of climate change on the distribution of two threatened Dipterocarp trees. Ecology and Evolution, 2017, 7, 2238-2248.	1.9	78
14	The sensitivity and vulnerability of terrestrial habitats and species in Britain and Ireland to climate change. Journal for Nature Conservation, 2003, 11, 15-23.	1.8	66
15	Integrating multiple modelling approaches to predict the potential impacts of climate change on speciesâ€™ distributions in contrasting regions: comparison and implications for policy. Environmental Science and Policy, 2006, 9, 129-147.	4.9	64
16	The supply chain of violence. Nature Sustainability, 2019, 2, 742-747.	23.7	58
17	Eucalypts face increasing climate stress. Ecology and Evolution, 2013, 3, 5011-5022.	1.9	56
18	Increasing elevation of fire in the Sierra Nevada and implications for forest change. Ecosphere, 2015, 6, 1-10.	2.2	54

#	Article	IF	Citations
19	Quantifying the sampling error in tree census measurements by volunteers and its effect on carbon stock estimates. Ecological Applications, 2013, 23, 936-943.	3.8	53
20	Academic conferences urgently need environmental policies. Nature Ecology and Evolution, 2017, 1, 1211-1212.	7.8	53
21	A decision tree for assessing the risks and benefits of publishing biodiversity data. Nature Ecology and Evolution, 2018, 2, 1209-1217.	7.8	52
22	Challenges in assessing the vulnerability of species to climate change to inform conservation actions. Biological Conservation, 2016, 199, 10-15.	4.1	50
23	Tropical protected areas reduced deforestation carbon emissions by one third from 2000â€“2012. Scientific Reports, 2017, 7, 14005.	3.3	48
24	Climatic-Induced Shifts in the Distribution of Teak (Tectona grandis) in Tropical Asia: Implications for Forest Management and Planning. Environmental Management, 2017, 60, 422-435.	2.7	40
25	Importance of species translocations under rapid climate change. Conservation Biology, 2021, 35, 775-783.	4.7	40
26	Forest community response to invasive pathogens: the case of ash dieback in a British woodland. Journal of Ecology, 2016, 104, 315-330.	4.0	38
27	Identifying future sea turtle conservation areas under climate change. Biological Conservation, 2016, 204, 189-196.	4.1	38
28	Using species traits to guide conservation actions under climate change. Climatic Change, 2018, 151, 317-332.	3.6	35
29	Conservation and natural resource management: where are all the women?. Oryx, 2021, 55, 860-867.	1.0	33
30	Diffuse radiation and cloud fraction relationships in two contrasting Amazonian rainforest sites. Agricultural and Forest Meteorology, 2010, 150, 361-368.	4.8	32
31	Spatial trends in leaf size of Amazonian rainforest trees. Biogeosciences, 2009, 6, 1563-1576.	3.3	31
32	The threats endangering Australia's at-risk fauna. Biological Conservation, 2018, 222, 172-179.	4.1	30
33	Patterns of nitrogenâ€fixing tree abundance in forests across Asia and America. Journal of Ecology, 2019, 107, 2598-2610.	4.0	29
34	Climate change impacts on tropical forests: identifying risks for tropical Asia. Journal of Tropical Forest Science, 2018, 30, 182-194.	0.2	29
35	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. Nature Communications, 2021, 12, 3137.	12.8	28
36	A robust goal is needed for species in the Postâ€2020 Global Biodiversity Framework. Conservation Letters, 2021, 14, e12778.	5.7	26

#	Article	IF	Citations
37	Spatial distribution and functional significance of leaf lamina shape in Amazonian forest trees. Biogeosciences, 2009, 6, 1577-1590.	3.3	25
38	A guide to using species trait data in conservation. One Earth, 2021, 4, 927-936.	6.8	25
39	Spatial patterns and recent trends in cloud fraction and cloudâ€related diffuse radiation in Amazonia. Journal of Geophysical Research, 2009, 114, .	3.3	24
40	Floristic and functional affiliations of woody plants with climate in western Amazonia. Journal of Biogeography, 2008, 35, 939-950.	3.0	22
41	A simple approach to forest structure classification using airborne laser scanning that can be adopted across bioregions. Forest Ecology and Management, 2019, 433, 111-121.	3.2	22
42	Relative costs of conserving threatened species across taxonomic groups. Conservation Biology, 2020, 34, 276-281.	4.7	22
43	Adaptive management and planning for the conservation of four threatened large Asian mammals in a changing climate. Mitigation and Adaptation Strategies for Global Change, 2019, 24, 259-280.	2.1	20
44	Assessing carbon stocks using indigenous peoplesâ€™ field measurements in Amazonian Guyana. Forest Ecology and Management, 2015, 338, 191-199.	3.2	19
45	Conservation leadership must account for cultural differences. Journal for Nature Conservation, 2018, 43, 111-116.	1.8	19
46	Shifting dynamics of climate-functional groups in old-growth Amazonian forests. Plant Ecology and Diversity, 2014, 7, 267-279.	2.4	18
47	Persistence of methodological, taxonomical, and geographical bias in assessments of species' vulnerability to climate change: A review. Global Ecology and Conservation, 2018, 15, e00412.	2.1	17
48	Opportunities for biodiversity conservation as cities adapt to climate change. Geo: Geography and Environment, 2018, 5, e00052.	0.8	15
49	Ground based LiDAR demonstrates the legacy of management history to canopy structure and composition across a fragmented temperate woodland. Forest Ecology and Management, 2015, 335, 255-260.	3.2	14
50	Simulation of the Unexpected Photosynthetic Seasonality in Amazonian Evergreen Forests by Using an Improved Diffuse Fractionâ€Based Light Use Efficiency Model. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 3014-3030.	3.0	14
51	A traitâ€based framework for assessing the vulnerability of marine species to human impacts. Ecosphere, 2022, 13, .	2.2	14
52	Relationships between tree growth and weather extremes: Spatial and interspecific comparisons in a temperate broadleaf forest. Forest Ecology and Management, 2014, 334, 209-216.	3.2	13
53	Allometry and growth of eight tree taxa in United Kingdom woodlands. Scientific Data, 2015, 2, 150006.	5.3	13
54	Using Google search data to inform global climate change adaptation policy. Climatic Change, 2018, 150, 447-456.	3.6	13

#	Article	IF	Citations
55	Collaboration across boundaries in the Amazon. Science, 2019, 366, 699-700.	12.6	11
56	Using traits to assess threatened plant species response to climate change. Biodiversity and Conservation, 2019, 28, 1905-1919.	2.6	8
57	Demographic composition, not demographic diversity, predicts biomass and turnover across temperate and tropical forests. Global Change Biology, 2022, 28, 2895-2909.	9.5	8
58	National REDD+ Implications for Tenured Indigenous Communities in Guyana, and Communitiesâ€™ Impact on Forest Carbon Stocks. Forests, 2018, 9, 231.	2.1	7
59	Threats, Costs, and Probability of Success: Informing Conservation Choices. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	3
60	Geographical bias constrains global knowledge of phenological change. Pacific Conservation Biology, 2019, 25, 345.	1.0	2
61	Predicting and managing plant invasions on offshore islands. Conservation Science and Practice, 2021, 3, e192.	2.0	1
62	Interactions between all pairs of neighboring trees in 16 forests worldwide reveal details of unique ecological processes in each forest, and provide windows into their evolutionary histories. PLoS Computational Biology, 2021, 17, e1008853.	3.2	1