

Nathalie Butt

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,520
citations

159358

30
h-index

143772

57
g-index

64
all docs

64
docs citations

64
times ranked

7363
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. <i>Global Change Biology</i> , 2015, 21, 528-549.	4.2	473
2	Scaleâ€™dependent relationships between tree species richness and ecosystem function in forests. <i>Journal of Ecology</i> , 2013, 101, 1214-1224.	1.9	265
3	Mapping vulnerability and conservation adaptation strategies under climate change. <i>Nature Climate Change</i> , 2013, 3, 989-994.	8.1	204
4	Changing trends and persisting biases in three decades of conservation science. <i>Global Ecology and Conservation</i> , 2017, 10, 32-42.	1.0	192
5	Conservation implications of ecological responses to extreme weather and climate events. <i>Diversity and Distributions</i> , 2019, 25, 613-625.	1.9	156
6	Modelling climate change impacts on speciesâ€™™ distributions at the European scale: implications for conservation policy. <i>Environmental Science and Policy</i> , 2006, 9, 116-128.	2.4	135
7	Phylogenetic approaches reveal biodiversity threats under climate change. <i>Nature Climate Change</i> , 2016, 6, 1110-1114.	8.1	133
8	Evidence that deforestation affects the onset of the rainy season in Rondonia, Brazil. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	116
9	Biodiversity Risks from Fossil Fuel Extraction. <i>Science</i> , 2013, 342, 425-426.	6.0	110
10	Adapting systematic conservation planning for climate change. <i>Biodiversity and Conservation</i> , 2018, 27, 1-29.	1.2	109
11	Cascading effects of climate extremes on vertebrate fauna through changes to lowâ€™latitude tree flowering and fruiting phenology. <i>Global Change Biology</i> , 2015, 21, 3267-3277.	4.2	108
12	Fires increase Amazon forest productivity through increases in diffuse radiation. <i>Geophysical Research Letters</i> , 2015, 42, 4654-4662.	1.5	87
13	The impact of climate change on the distribution of two threatened Dipterocarp trees. <i>Ecology and Evolution</i> , 2017, 7, 2238-2248.	0.8	78
14	The sensitivity and vulnerability of terrestrial habitats and species in Britain and Ireland to climate change. <i>Journal for Nature Conservation</i> , 2003, 11, 15-23.	0.8	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. <i>Environmental Science and Policy</i> , 2006, 9, 129-147.	2.4	64
16	The supply chain of violence. <i>Nature Sustainability</i> , 2019, 2, 742-747.	11.5	58
17	Eucalypts face increasing climate stress. <i>Ecology and Evolution</i> , 2013, 3, 5011-5022.	0.8	56
18	Increasing elevation of fire in the Sierra Nevada and implications for forest change. <i>Ecosphere</i> , 2015, 6, 1-10.	1.0	54

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19	Quantifying the sampling error in tree census measurements by volunteers and its effect on carbon stock estimates. <i>Ecological Applications</i> , 2013, 23, 936-943.	1.8	53
20	Academic conferences urgently need environmental policies. <i>Nature Ecology and Evolution</i> , 2017, 1, 1211-1212.	3.4	53
21	A decision tree for assessing the risks and benefits of publishing biodiversity data. <i>Nature Ecology and Evolution</i> , 2018, 2, 1209-1217.	3.4	52
22	Challenges in assessing the vulnerability of species to climate change to inform conservation actions. <i>Biological Conservation</i> , 2016, 199, 10-15.	1.9	50
23	Tropical protected areas reduced deforestation carbon emissions by one third from 2000â€”2012. <i>Scientific Reports</i> , 2017, 7, 14005.	1.6	48
24	Climatic-Induced Shifts in the Distribution of Teak (<i>Tectona grandis</i>) in Tropical Asia: Implications for Forest Management and Planning. <i>Environmental Management</i> , 2017, 60, 422-435.	1.2	40
25	Importance of species translocations under rapid climate change. <i>Conservation Biology</i> , 2021, 35, 775-783.	2.4	40
26	Forest community response to invasive pathogens: the case of ash dieback in a British woodland. <i>Journal of Ecology</i> , 2016, 104, 315-330.	1.9	38
27	Identifying future sea turtle conservation areas under climate change. <i>Biological Conservation</i> , 2016, 204, 189-196.	1.9	38
28	Using species traits to guide conservation actions under climate change. <i>Climatic Change</i> , 2018, 151, 317-332.	1.7	35
29	Conservation and natural resource management: where are all the women?. <i>Oryx</i> , 2021, 55, 860-867.	0.5	33
30	Diffuse radiation and cloud fraction relationships in two contrasting Amazonian rainforest sites. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 361-368.	1.9	32
31	Spatial trends in leaf size of Amazonian rainforest trees. <i>Biogeosciences</i> , 2009, 6, 1563-1576.	1.3	31
32	The threats endangering Australia's at-risk fauna. <i>Biological Conservation</i> , 2018, 222, 172-179.	1.9	30
33	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	1.9	29
34	Climate change impacts on tropical forests: identifying risks for tropical Asia. <i>Journal of Tropical Forest Science</i> , 2018, 30, 182-194.	0.1	29
35	Arbuscular mycorrhizal trees influence the latitudinal beta-diversity gradient of tree communities in forests worldwide. <i>Nature Communications</i> , 2021, 12, 3137.	5.8	28
36	A robust goal is needed for species in the Post-2020 Global Biodiversity Framework. <i>Conservation Letters</i> , 2021, 14, e12778.	2.8	26

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37	Spatial distribution and functional significance of leaf lamina shape in Amazonian forest trees. <i>Biogeosciences</i> , 2009, 6, 1577-1590.	1.3	25
38	A guide to using species trait data in conservation. <i>One Earth</i> , 2021, 4, 927-936.	3.6	25
39	Spatial patterns and recent trends in cloud fraction and cloud-related diffuse radiation in Amazonia. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	24
40	Floristic and functional affiliations of woody plants with climate in western Amazonia. <i>Journal of Biogeography</i> , 2008, 35, 939-950.	1.4	22
41	A simple approach to forest structure classification using airborne laser scanning that can be adopted across bioregions. <i>Forest Ecology and Management</i> , 2019, 433, 111-121.	1.4	22
42	Relative costs of conserving threatened species across taxonomic groups. <i>Conservation Biology</i> , 2020, 34, 276-281.	2.4	22
43	Adaptive management and planning for the conservation of four threatened large Asian mammals in a changing climate. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 259-280.	1.0	20
44	Assessing carbon stocks using indigenous peoples' field measurements in Amazonian Guyana. <i>Forest Ecology and Management</i> , 2015, 338, 191-199.	1.4	19
45	Conservation leadership must account for cultural differences. <i>Journal for Nature Conservation</i> , 2018, 43, 111-116.	0.8	19
46	Shifting dynamics of climate-functional groups in old-growth Amazonian forests. <i>Plant Ecology and Diversity</i> , 2014, 7, 267-279.	1.0	18
47	Persistence of methodological, taxonomical, and geographical bias in assessments of species' vulnerability to climate change: A review. <i>Global Ecology and Conservation</i> , 2018, 15, e00412.	1.0	17
48	Opportunities for biodiversity conservation as cities adapt to climate change. <i>Geo: Geography and Environment</i> , 2018, 5, e00052.	0.5	15
49	Ground based LiDAR demonstrates the legacy of management history to canopy structure and composition across a fragmented temperate woodland. <i>Forest Ecology and Management</i> , 2015, 335, 255-260.	1.4	14
50	Simulation of the Unexpected Photosynthetic Seasonality in Amazonian Evergreen Forests by Using an Improved Diffuse Fraction-Based Light Use Efficiency Model. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 3014-3030.	1.3	14
51	A trait-based framework for assessing the vulnerability of marine species to human impacts. <i>Ecosphere</i> , 2022, 13, .	1.0	14
52	Relationships between tree growth and weather extremes: Spatial and interspecific comparisons in a temperate broadleaf forest. <i>Forest Ecology and Management</i> , 2014, 334, 209-216.	1.4	13
53	Allometry and growth of eight tree taxa in United Kingdom woodlands. <i>Scientific Data</i> , 2015, 2, 150006.	2.4	13
54	Using Google search data to inform global climate change adaptation policy. <i>Climatic Change</i> , 2018, 150, 447-456.	1.7	13

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55	Collaboration across boundaries in the Amazon. <i>Science</i> , 2019, 366, 699-700.	6.0	11
56	Using traits to assess threatened plant species response to climate change. <i>Biodiversity and Conservation</i> , 2019, 28, 1905-1919.	1.2	8
57	Demographic composition, not demographic diversity, predicts biomass and turnover across temperate and tropical forests. <i>Global Change Biology</i> , 2022, 28, 2895-2909.	4.2	8
58	National REDD+ Implications for Tenured Indigenous Communities in Guyana, and Communities' Impact on Forest Carbon Stocks. <i>Forests</i> , 2018, 9, 231.	0.9	7
59	Threats, Costs, and Probability of Success: Informing Conservation Choices. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	3
60	Geographical bias constrains global knowledge of phenological change. <i>Pacific Conservation Biology</i> , 2019, 25, 345.	0.5	2
61	Predicting and managing plant invasions on offshore islands. <i>Conservation Science and Practice</i> , 2021, 3, e192.	0.9	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. <i>PLoS Computational Biology</i> , 2021, 17, e1008853.	1.5	1