

Brett R Scheffers

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

7,708
citations

126901
33
h-index

102480
66
g-index

68
all docs

68
docs citations

68
times ranked

12380
citing authors

#	ARTICLE	IF	CITATIONS
1	Arboreality drives heat tolerance while elevation drives cold tolerance in tropical rainforest ants. <i>Ecology</i> , 2022, 103, e03549.	3.2	16
2	Maintaining forest cover to enhance temperature buffering under future climate change. <i>Science of the Total Environment</i> , 2022, 810, 151338.	8.0	39
3	Mixed protection of threatened species traded under CITES. <i>Current Biology</i> , 2022, 32, 999-1009.e9.	3.9	9
4	Large, old trees define the vertical, horizontal, and seasonal distributions of a poison frog. <i>Oecologia</i> , 2022, , 1.	2.0	1
5	Global maps of soil temperature. <i>Global Change Biology</i> , 2022, 28, 3110-3144.	9.5	113
6	Disentangling drivers of thermal physiology: Community-wide cold shock recovery of butterflies under natural conditions. <i>Biotropica</i> , 2022, 54, 205-214.	1.6	2
7	Microgeography, Not Just Latitude, Drives Climate Overlap on Mountains from Tropical to Polar Ecosystems. <i>American Naturalist</i> , 2021, 197, 75-92.	2.1	21
8	Chemical defenses shift with the seasonal vertical migration of a Panamanian poison frog. <i>Biotropica</i> , 2021, 53, 28-37.	1.6	14
9	Impacts of wildlife trade on terrestrial biodiversity. <i>Nature Ecology and Evolution</i> , 2021, 5, 540-548.	7.8	99
10	Designing countrywide and regional microclimate networks. <i>Global Ecology and Biogeography</i> , 2021, 30, 1168-1174.	5.8	9
11	Forest microclimates and climate change: Importance, drivers and future research agenda. <i>Global Change Biology</i> , 2021, 27, 2279-2297.	9.5	330
12	Physiological, developmental, and behavioral plasticity in response to thermal acclimation. <i>Journal of Thermal Biology</i> , 2021, 97, 102866.	2.5	6
13	Climate change effects on animal ecology: butterflies and moths as a case study. <i>Biological Reviews</i> , 2021, 96, 2113-2126.	10.4	63
14	Community-wide seasonal shifts in thermal tolerances of mosquitoes. <i>Ecology</i> , 2021, 102, e03368.	3.2	11
15	Positive abundance-elevational range size relationship weakened from temperate to subtropical ecosystems. <i>Journal of Animal Ecology</i> , 2021, 90, 2623-2636.	2.8	1
16	The dangers of misrepresenting wildlife trade: response to Natusch et al. 2021. <i>Conservation Biology</i> , 2021, 35, 1692-1694.	4.7	2
17	Niche lability mitigates the impact of invasion but not urbanization. <i>Oecologia</i> , 2021, , 1.	2.0	2
18	Vertical niche and elevation range size in tropical ants: Implications for climate resilience. <i>Diversity and Distributions</i> , 2021, 27, 485-496.	4.1	7

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19	Decoupled erosion of amphibians' phylogenetic and functional diversity due to extinction. <i>Global Ecology and Biogeography</i> , 2020, 29, 309-319.	5.8	24
20	Birds' nest fern epiphytes facilitate herpetofaunal arboreality and climate refuge in two paleotropical canopies. <i>Oecologia</i> , 2020, 192, 297-309.	2.0	15
21	Thermal tolerance and the importance of microhabitats for Andean frogs in the context of land use and climate change. <i>Journal of Animal Ecology</i> , 2020, 89, 2451-2460.	2.8	26
22	Diversity and Distribution of the Dominant Ant Genus <i>Anonychomyrma</i> (Hymenoptera: Formicidae) in the Australian Wet Tropics. <i>Diversity</i> , 2020, 12, 474.	1.7	8
23	Patterns of ant activity and nesting ecology depend on flooding intensity in a Neotropical floodplain. <i>International Journal of Tropical Insect Science</i> , 2020, 40, 909-917.	1.0	1
24	Historical environmental stability drives discordant niche filling dynamics across phylogenetic scales. <i>Journal of Biogeography</i> , 2020, 47, 807-816.	3.0	6
25	Vertical stratification collapses under seasonal shifts in climate. <i>Journal of Biogeography</i> , 2020, 47, 1888-1898.	3.0	13
26	SoilTemp: A global database of near-surface temperature. <i>Global Change Biology</i> , 2020, 26, 6616-6629.	9.5	122
27	Vertical stratification influences global patterns of biodiversity. <i>Ecography</i> , 2019, 42, 249-249.	4.5	68
28	Persecuting, protecting or ignoring biodiversity under climate change. <i>Nature Climate Change</i> , 2019, 9, 581-586.	18.8	47
29	Global wildlife trade across the tree of life. <i>Science</i> , 2019, 366, 71-76.	12.6	244
30	Phylogenetic and Trait-Based Prediction of Extinction Risk for Data-Deficient Amphibians. <i>Current Biology</i> , 2019, 29, 1557-1563.e3.	3.9	124
31	Global buffering of temperatures under forest canopies. <i>Nature Ecology and Evolution</i> , 2019, 3, 744-749.	7.8	374
32	Distance-decay differs among vertical strata in a tropical rainforest. <i>Journal of Animal Ecology</i> , 2019, 88, 114-124.	2.8	19
33	Tropical mountain passes are out of reach but not for arboreal species. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 101-108.	4.0	18
34	Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. <i>Biological Reviews</i> , 2018, 93, 284-305.	10.4	154
35	Science in support of Amazonian conservation in the 21st century: the case of Brazil. <i>Biotropica</i> , 2018, 50, 850-858.	1.6	6
36	Divergent melanism strategies in Andean butterfly communities structure diversity patterns and climate responses. <i>Journal of Biogeography</i> , 2018, 45, 2471-2482.	3.0	14

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37	Changing Thermal Landscapes: Merging Climate Science and Landscape Ecology through Thermal Biology. <i>Current Landscape Ecology Reports</i> , 2018, 3, 57-72.	2.2	43
38	Vertical (arboreality) and horizontal (dispersal) movement increase the resilience of vertebrates to climatic instability. <i>Global Ecology and Biogeography</i> , 2017, 26, 787-798.	5.8	40
39	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. <i>Science</i> , 2017, 355, .	12.6	2,026
40	Infection increases vulnerability to climate change via effects on host thermal tolerance. <i>Scientific Reports</i> , 2017, 7, 9349.	3.3	84
41	Widespread Degradation of a Vernal Pool Network in the Southeastern United States: Challenges to Current and Future Management. <i>Wetlands</i> , 2017, 37, 1093-1103.	1.5	15
42	Extreme thermal heterogeneity in structurally complex tropical rain forests. <i>Biotropica</i> , 2017, 49, 35-44.	1.6	47
43	Impacts of hunting on tropical forests in Southeast Asia. <i>Conservation Biology</i> , 2016, 30, 972-981.	4.7	174
44	Thermally buffered microhabitats recovery in tropical secondary forests following land abandonment. <i>Biological Conservation</i> , 2016, 201, 385-395.	4.1	42
45	Cool habitats support darker and bigger butterflies in Australian tropical forests. <i>Ecology and Evolution</i> , 2016, 6, 8062-8074.	1.9	42
46	The broad footprint of climate change from genes to biomes to people. <i>Science</i> , 2016, 354, .	12.6	883
47	Large body size for metamorphic wood frogs in urban stormwater wetlands. <i>Urban Ecosystems</i> , 2016, 19, 347-359.	2.4	8
48	Limited genetic structure in a wood frog (<i>Lithobates sylvaticus</i>) population in an urban landscape inhabiting natural and constructed wetlands. <i>Conservation Genetics</i> , 2016, 17, 19-30.	1.5	21
49	Assessing species vulnerability to climate change. <i>Nature Climate Change</i> , 2015, 5, 215-224.	18.8	856
50	Microhabitats in the tropics buffer temperature in a globally coherent manner. <i>Biology Letters</i> , 2014, 10, 20140819.	2.3	72
51	Effect of laurel wilt invasion on redbay populations in a maritime forest community. <i>Biological Invasions</i> , 2014, 16, 1581-1588.	2.4	33
52	Microhabitats reduce animal's exposure to climate extremes. <i>Global Change Biology</i> , 2014, 20, 495-503.	9.5	353
53	<i>Asplenium birdá€™s</i> nest ferns in rainforest canopies are climate-contingent refuges for frogs. <i>Global Ecology and Conservation</i> , 2014, 2, 37-46.	2.1	30
54	Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. <i>Forest Ecology and Management</i> , 2013, 287, 32-39.	3.2	35

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55	Amphibian use of urban stormwater wetlands: The role of natural habitat features. <i>Landscape and Urban Planning</i> , 2013, 113, 139-149.	7.5	49
56	Thermal Buffering of Microhabitats is a Critical Factor Mediating Warming Vulnerability of Frogs in the Philippine Biodiversity Hotspot. <i>Biotropica</i> , 2013, 45, 628-635.	1.6	60
57	Increasing arboreality with altitude: a novel biogeographic dimension. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131581.	2.6	99
58	Reservoirs of richness: least disturbed tropical forests are centres of undescribed species diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130879.	2.6	1
59	Local Demand Drives a Bushmeat Industry in a Philippine Forest Preserve. <i>Tropical Conservation Science</i> , 2012, 5, 133-141.	1.2	33
60	What we know and don't know about Earth's missing biodiversity. <i>Trends in Ecology and Evolution</i> , 2012, 27, 501-510.	8.7	321
61	Conserving imperiled species: a comparison of the IUCN Red List and U.S. Endangered Species Act. <i>Conservation Letters</i> , 2012, 5, 64-72.	5.7	38
62	Reservoirs of richness: least disturbed tropical forests are centres of undescribed species diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 67-76.	2.6	108
63	The effects of urbanization on North American amphibian species: Identifying new directions for urban conservation. <i>Urban Ecosystems</i> , 2012, 15, 133-147.	2.4	66
64	Plastic: matching material with usage. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 151-152.	4.0	2
65	The World's Rediscovered Species: Back from the Brink?. <i>PLoS ONE</i> , 2011, 6, e22531.	2.5	84
66	Avifauna associated with ephemeral ponds on the Cumberland Plateau, Tennessee. <i>Journal of Field Ornithology</i> , 2006, 77, 178-183.	0.5	9