Brett R Scheffers

List of Publications by Year
in descending order

66 papers	7,708 citations	145106 33 h-index	116156 66 g-index
68 all docs	68 docs citations	68 times ranked	13766 citing authors

#	Article	IF	Citations
1	Arboreality drives heat tolerance while elevation drives cold tolerance in tropical rainforest ants. Ecology, 2022, 103, e03549.	1.5	16
2	Maintaining forest cover to enhance temperature buffering under future climate change. Science of the Total Environment, 2022, 810, 151338.	3.9	39
3	Mixed protection of threatened species traded under CITES. Current Biology, 2022, 32, 999-1009.e9.	1.8	9
4	Large, old trees define the vertical, horizontal, and seasonal distributions of a poison frog. Oecologia, 2022, , 1.	0.9	1
5	Global maps of soil temperature. Global Change Biology, 2022, 28, 3110-3144.	4.2	113
6	Disentangling drivers of thermal physiology: Communityâ€wide cold shock recovery of butterflies under natural conditions. Biotropica, 2022, 54, 205-214.	0.8	2
7	Microgeography, Not Just Latitude, Drives Climate Overlap on Mountains from Tropical to Polar Ecosystems. American Naturalist, 2021, 197, 75-92.	1.0	21
8	Chemical defenses shift with the seasonal vertical migration of a Panamanian poison frog. Biotropica, 2021, 53, 28-37.	0.8	14
9	Impacts of wildlife trade on terrestrial biodiversity. Nature Ecology and Evolution, 2021, 5, 540-548.	3.4	99
10	Designing countrywide and regional microclimate networks. Global Ecology and Biogeography, 2021, 30, 1168-1174.	2.7	9
11	Forest microclimates and climate change: Importance, drivers and future research agenda. Global Change Biology, 2021, 27, 2279-2297.	4.2	330
12	Physiological, developmental, and behavioral plasticity in response to thermal acclimation. Journal of Thermal Biology, 2021, 97, 102866.	1.1	6
13	Climate change effects on animal ecology: butterflies and moths as a case study. Biological Reviews, 2021, 96, 2113-2126.	4.7	63
14	Communityâ€wide seasonal shifts in thermal tolerances of mosquitoes. Ecology, 2021, 102, e03368.	1.5	11
15	Positive abundanceâ€“elevational range size relationship weakened from temperate to subtropical ecosystems. Journal of Animal Ecology, 2021, 90, 2623-2636.	1.3	1
16	The dangers of misrepresenting wildlife trade: response to Natusch etÂal. 2021. Conservation Biology, 2021, 35, 1692-1694.	2.4	2
17	Niche lability mitigates the impact of invasion but not urbanization. Oecologia, 2021, , 1.	0.9	2
18	Vertical niche and elevation range size in tropical ants: Implications for climate resilience. Diversity and Distributions, 2021, 27, 485-496.	1.9	7

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19	Decoupled erosion of amphibiansâ€™ phylogenetic and functional diversity due to extinction. Global Ecology and Biogeography, 2020, 29, 309-319.	2.7	24
20	Birdâ€™s nest fern epiphytes facilitate herpetofaunal arboreality and climate refuge in two paleotropic canopies. Oecologia, 2020, 192, 297-309.	0.9	15
21	Thermal tolerance and the importance of microhabitats for Andean frogs in the context of land use and climate change. Journal of Animal Ecology, 2020, 89, 2451-2460.	1.3	26
22	Diversity and Distribution of the Dominant Ant Genus Anonychomyrma (Hymenoptera: Formicidae) in the Australian Wet Tropics. Diversity, 2020, 12, 474.	0.7	8
23	Patterns of ant activity and nesting ecology depend on flooding intensity in a Neotropical floodplain. International Journal of Tropical Insect Science, 2020, 40, 909-917.	0.4	1
24	Historical environmental stability drives discordant niche filling dynamics across phylogenetic scales. Journal of Biogeography, 2020, 47, 807-816.	1.4	6
25	Vertical stratification collapses under seasonal shifts in climate. Journal of Biogeography, 2020, 47, 1888-1898.	1.4	13
26	SoilTemp: A global database of nearâ€surface temperature. Global Change Biology, 2020, 26, 6616-6629.	4.2	122
27	Vertical stratification influences global patterns of biodiversity. Ecography, 2019, 42, 249-249.	2.1	68
28	Persecuting, protecting or ignoring biodiversity under climate change. Nature Climate Change, 2019, 9, 581-586.	8.1	47
29	Global wildlife trade across the tree of life. Science, 2019, 366, 71-76.	6.0	244
30	Phylogenetic and Trait-Based Prediction of Extinction Risk for Data-Deficient Amphibians. Current Biology, 2019, 29, 1557-1563.e3.	1.8	124
31	Global buffering of temperatures under forest canopies. Nature Ecology and Evolution, 2019, 3, 744-749.	3.4	374
32	Distanceâ€“decay differs among vertical strata in a tropical rainforest. Journal of Animal Ecology, 2019, 88, 114-124.	1.3	19
33	Tropical mountain passes are out of reach â€“ but not for arboreal species. Frontiers in Ecology and the Environment, 2018, 16, 101-108.	1.9	18
34	Managing consequences of climateâ€driven species redistribution requires integration of ecology, conservation and social science. Biological Reviews, 2018, 93, 284-305.	4.7	154
35	Science in support of Amazonian conservation in the 21st century: the case of Brazil. Biotropica, 2018, 50, 850-858.	0.8	6
36	Divergent melanism strategies in Andean butterfly communities structure diversity patterns and climate responses. Journal of Biogeography, 2018, 45, 2471-2482.	1.4	14

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37	Changing Thermal Landscapes: Merging Climate Science and Landscape Ecology through Thermal Biology. Current Landscape Ecology Reports, 2018, 3, 57-72.	1.1	43
38	Vertical (arboreality) and horizontal (dispersal) movement increase the resilience of vertebrates to climatic instability. Global Ecology and Biogeography, 2017, 26, 787-798.	2.7	40
39	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. Science, 2017, 355, .	6.0	2,026
40	Infection increases vulnerability to climate change via effects on host thermal tolerance. Scientific Reports, 2017, 7, 9349.	1.6	84
41	Widespread Degradation of a Vernal Pool Network in the Southeastern United States: Challenges to Current and Future Management. Wetlands, 2017, 37, 1093-1103.	0.7	15
42	Extreme thermal heterogeneity in structurally complex tropical rain forests. Biotropica, 2017, 49, 35-44.	0.8	47
43	Impacts of hunting on tropical forests in Southeast Asia. Conservation Biology, 2016, 30, 972-981.	2.4	174
44	Thermally buffered microhabitats recovery in tropical secondary forests following land abandonment. Biological Conservation, 2016, 201, 385-395.	1.9	42
45	Cool habitats support darker and bigger butterflies in Australian tropical forests. Ecology and Evolution, 2016, 6, 8062-8074.	0.8	42
46	The broad footprint of climate change from genes to biomes to people. Science, 2016, 354, .	6.0	883
47	Large body size for metamorphic wood frogs in urban stormwater wetlands. Urban Ecosystems, 2016, 19, 347-359.	1.1	8
48	Limited genetic structure in a wood frog (Lithobates sylvaticus) population in an urban landscape inhabiting natural and constructed wetlands. Conservation Genetics, 2016, 17, 19-30.	0.8	21
49	Assessing species vulnerability to climate change. Nature Climate Change, 2015, 5, 215-224.	8.1	856
50	Microhabitats in the tropics buffer temperature in a globally coherent manner. Biology Letters, 2014, 10, 20140819.	1.0	72
51	Effect of laurel wilt invasion on redbay populations in a maritime forest community. Biological Invasions, 2014, 16, 1581-1588.	1.2	33
52	Microhabitats reduce animal's exposure to climate extremes. Global Change Biology, 2014, 20, 495-503.	4.2	353
53	Asplenium birdâ€™s nest ferns in rainforest canopies are climate-contingent refuges for frogs. Global Ecology and Conservation, 2014, 2, 37-46.	1.0	30
54	Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. Forest Ecology and Management, 2013, 287, 32-39.	1.4	35

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55	Amphibian use of urban stormwater wetlands: The role of natural habitat features. Landscape and Urban Planning, 2013, 113, 139-149.	3.4	49
56	Thermal Buffering of Microhabitats is a Critical Factor Mediating Warming Vulnerability of Frogs in the Philippine Biodiversity Hotspot. Biotropica, 2013, 45, 628-635.	0.8	60
57	Increasing arboreality with altitude: a novel biogeographic dimension. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131581.	1.2	99
58	Reservoirs of richness: least disturbed tropical forests are centres of undescribed species diversity. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130879.	1.2	1
59	Local Demand Drives a Bushmeat Industry in a Philippine Forest Preserve. Tropical Conservation Science, 2012, 5, 133-141.	0.6	33
60	What we know and donâ€™t know about Earth's missing biodiversity. Trends in Ecology and Evolution, 2012, 27, 501-510.	4.2	321
61	Conserving imperiled species: a comparison of the IUCN Red List and U.S. Endangered Species Act. Conservation Letters, 2012, 5, 64-72.	2.8	38
62	Reservoirs of richness: least disturbed tropical forests are centres of undescribed species diversity. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 67-76.	1.2	108
63	The effects of urbanization on North American amphibian species: Identifying new directions for urban conservation. Urban Ecosystems, 2012, 15, 133-147.	1.1	66
64	Plastic: matching material with usage. Frontiers in Ecology and the Environment, 2011, 9, 151-152.	1.9	2
65	The World's Rediscovered Species: Back from the Brink?. PLoS ONE, 2011, 6, e22531.	1.1	84
66	Avifauna associated with ephemeral ponds on the Cumberland Plateau, Tennessee. Journal of Field Ornithology, 2006, 77, 178-183.	0.3	9