

Brett R Scheffers

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

4,475
citations

27
h-index

66
g-index

68
ext. papers

6,125
ext. citations

6.9
avg, IF

5.57
L-index

#	Paper	IF	Citations
65	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. <i>Science</i> , 2017 , 355,	33.3	1215
64	Assessing species vulnerability to climate change. <i>Nature Climate Change</i> , 2015 , 5, 215-224	21.4	576
63	The broad footprint of climate change from genes to biomes to people. <i>Science</i> , 2016 , 354,	33.3	573
62	What we know and don't know about Earth's missing biodiversity. <i>Trends in Ecology and Evolution</i> , 2012 , 27, 501-10	10.9	250
61	Microhabitats reduce animal's exposure to climate extremes. <i>Global Change Biology</i> , 2014 , 20, 495-503	11.4	249
60	Global buffering of temperatures under forest canopies. <i>Nature Ecology and Evolution</i> , 2019 , 3, 744-749	12.3	168
59	Global wildlife trade across the tree of life. <i>Science</i> , 2019 , 366, 71-76	33.3	120
58	Impacts of hunting on tropical forests in Southeast Asia. <i>Conservation Biology</i> , 2016 , 30, 972-81	6	117
57	Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. <i>Biological Reviews</i> , 2018 , 93, 284-305	13.5	91
56	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	4.4	79
55	Increasing arboreality with altitude: a novel biogeographic dimension. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131581	4.4	69
54	Phylogenetic and Trait-Based Prediction of Extinction Risk for Data-Deficient Amphibians. <i>Current Biology</i> , 2019 , 29, 1557-1563.e3	6.3	68
53	The world's rediscovered species: back from the brink?. <i>PLoS ONE</i> , 2011 , 6, e22531	3.7	65
52	Microhabitats in the tropics buffer temperature in a globally coherent manner. <i>Biology Letters</i> , 2014 , 10, 20140819	3.6	63
51	The effects of urbanization on North American amphibian species: Identifying new directions for urban conservation. <i>Urban Ecosystems</i> , 2012 , 15, 133-147	2.8	52
50	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	2.3	50
49	SoilTemp: A global database of near-surface temperature. <i>Global Change Biology</i> , 2020 , 26, 6616-6629	11.4	47

48	Forest microclimates and climate change: Importance, drivers and future research agenda. <i>Global Change Biology</i> , 2021 , 27, 2279-2297	11.4	47
47	Vertical stratification influences global patterns of biodiversity. <i>Ecography</i> , 2019 , 42, 249-249	6.5	37
46	Conserving imperiled species: a comparison of the IUCN Red List and U.S. Endangered Species Act. <i>Conservation Letters</i> , 2012 , 5, 64-72	6.9	36
45	Amphibian use of urban stormwater wetlands: The role of natural habitat features. <i>Landscape and Urban Planning</i> , 2013 , 113, 139-149	7.7	36
44	Infection increases vulnerability to climate change via effects on host thermal tolerance. <i>Scientific Reports</i> , 2017 , 7, 9349	4.9	33
43	Vertical (arboreality) and horizontal (dispersal) movement increase the resilience of vertebrates to climatic instability. <i>Global Ecology and Biogeography</i> , 2017 , 26, 787-798	6.1	31
42	Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. <i>Forest Ecology and Management</i> , 2013 , 287, 32-39	3.9	31
41	Effect of laurel wilt invasion on redbay populations in a maritime forest community. <i>Biological Invasions</i> , 2014 , 16, 1581-1588	2.7	28
40	Changing Thermal Landscapes: Merging Climate Science and Landscape Ecology through Thermal Biology. <i>Current Landscape Ecology Reports</i> , 2018 , 3, 57-72	3.2	28
39	Extreme thermal heterogeneity in structurally complex tropical rain forests. <i>Biotropica</i> , 2017 , 49, 35-44	2.3	27
38	Impacts of wildlife trade on terrestrial biodiversity. <i>Nature Ecology and Evolution</i> , 2021 , 5, 540-548	12.3	27
37	Thermally buffered microhabitats recovery in tropical secondary forests following land abandonment. <i>Biological Conservation</i> , 2016 , 201, 385-395	6.2	25
36	Cool habitats support darker and bigger butterflies in Australian tropical forests. <i>Ecology and Evolution</i> , 2016 , 6, 8062-8074	2.8	25
35	Local Demand Drives a Bushmeat Industry in a Philippine Forest Preserve. <i>Tropical Conservation Science</i> , 2012 , 5, 133-141	1.4	23
34	Persecuting, protecting or ignoring biodiversity under climate change. <i>Nature Climate Change</i> , 2019 , 9, 581-586	21.4	21
33	Asplenium bird's nest ferns in rainforest canopies are climate-contingent refuges for frogs. <i>Global Ecology and Conservation</i> , 2014 , 2, 37-46	2.8	18
32	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	2.6	17
31	Tropical mountain passes are out of reach but not for arboreal species. <i>Frontiers in Ecology and the Environment</i> , 2018 , 16, 101-108	5.5	13

30	Decoupled erosion of amphibians phylogenetic and functional diversity due to extinction. <i>Global Ecology and Biogeography</i> , 2020 , 29, 309-319	6.1	12
29	Distance-decay differs among vertical strata in a tropical rainforest. <i>Journal of Animal Ecology</i> , 2019 , 88, 114-124	4.7	12
28	Large body size for metamorphic wood frogs in urban stormwater wetlands. <i>Urban Ecosystems</i> , 2016 , 19, 347-359	2.8	8
27	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	1.7	8
26	Global maps of soil temperature.. <i>Global Change Biology</i> , 2021 ,	11.4	8
25	Vertical stratification collapses under seasonal shifts in climate. <i>Journal of Biogeography</i> , 2020 , 47, 1888-1898	4.9	7
24	Avifauna associated with ephemeral ponds on the Cumberland Plateau, Tennessee. <i>Journal of Field Ornithology</i> , 2006 , 77, 178-183	0.9	7
23	Bird's nest fern epiphytes facilitate herpetofaunal arboreality and climate refuge in two paleotropic canopies. <i>Oecologia</i> , 2020 , 192, 297-309	2.9	6
22	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	4.7	6
21	Science in support of Amazonian conservation in the 21st century: the case of Brazil. <i>Biotropica</i> , 2018 , 50, 850-858	2.3	6
20	Divergent melanism strategies in Andean butterfly communities structure diversity patterns and climate responses. <i>Journal of Biogeography</i> , 2018 , 45, 2471-2482	4.1	6
19	Climate change effects on animal ecology: butterflies and moths as a case study. <i>Biological Reviews</i> , 2021 , 96, 2113-2126	13.5	5
18	Maintaining forest cover to enhance temperature buffering under future climate change. <i>Science of the Total Environment</i> , 2021 , 810, 151338	10.2	3
17	Microgeography, Not Just Latitude, Drives Climate Overlap on Mountains from Tropical to Polar Ecosystems. <i>American Naturalist</i> , 2021 , 197, 75-92	3.7	3
16	Designing countrywide and regional microclimate networks. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1168-1174	6.1	3
15	Diversity and Distribution of the Dominant Ant Genus <i>Anonychomyrma</i> (Hymenoptera: Formicidae) in the Australian Wet Tropics. <i>Diversity</i> , 2020 , 12, 474	2.5	2
14	Community-wide seasonal shifts in thermal tolerances of mosquitoes. <i>Ecology</i> , 2021 , 102, e03368	4.6	2
13	Historical environmental stability drives discordant niche filling dynamics across phylogenetic scales. <i>Journal of Biogeography</i> , 2020 , 47, 807-816	4.1	1

12	Plastic: matching material with usage. <i>Frontiers in Ecology and the Environment</i> , 2011 , 9, 151-152	5.5	1
11	Mixed protection of threatened species traded under CITES.. <i>Current Biology</i> , 2022 ,	6.3	1
10	Arboreality drives heat tolerance while elevation drives cold tolerance in tropical rainforest ants. <i>Ecology</i> , 2021 , e03549	4.6	1
9	Niche lability mitigates the impact of invasion but not urbanization. <i>Oecologia</i> , 2021 , 1	2.9	1
8	Vertical niche and elevation range size in tropical ants: Implications for climate resilience. <i>Diversity and Distributions</i> , 2021 , 27, 485-496	5	1
7	Physiological, developmental, and behavioral plasticity in response to thermal acclimation. <i>Journal of Thermal Biology</i> , 2021 , 97, 102866	2.9	1
6	Chemical defenses shift with the seasonal vertical migration of a Panamanian poison frog. <i>Biotropica</i> , 2021 , 53, 28-37	2.3	1
5	The dangers of misrepresenting wildlife trade: response to Natusch et al. 2021. <i>Conservation Biology</i> , 2021 , 35, 1692-1694	6	1
4	Disentangling drivers of thermal physiology: Community-wide cold shock recovery of butterflies under natural conditions. <i>Biotropica</i> , 2022 , 54, 205-214	2.3	1
3	Large, old trees define the vertical, horizontal, and seasonal distributions of a poison frog.. <i>Oecologia</i> , 2022 , 1	2.9	0
2	Positive abundance-elevational range size relationship weakened from temperate to subtropical ecosystems. <i>Journal of Animal Ecology</i> , 2021 , 90, 2623-2636	4.7	0
1	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	