

Susanne A Fritz

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

8,063
citations

159358

30
h-index

205818

48
g-index

54
all docs

54
docs citations

54
times ranked

11935
citing authors

#	ARTICLE	IF	CITATIONS
1	PanTHERIA: a species-level database of life history, ecology, and geography of extant and recently extinct mammals. <i>Ecology</i> , 2009, 90, 2648-2648.	1.5	1,322
2	An Update of Wallace's Zoogeographic Regions of the World. <i>Science</i> , 2013, 339, 74-78.	6.0	1,037
3	Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. <i>Science</i> , 2018, 359, 466-469.	6.0	783
4	Selectivity in Mammalian Extinction Risk and Threat Types: a New Measure of Phylogenetic Signal Strength in Binary Traits. <i>Conservation Biology</i> , 2010, 24, 1042-1051.	2.4	748
5	A guide to phylogenetic metrics for conservation, community ecology and macroecology. <i>Biological Reviews</i> , 2017, 92, 698-715.	4.7	570
6	Geographical variation in predictors of mammalian extinction risk: big is bad, but only in the tropics. <i>Ecology Letters</i> , 2009, 12, 538-549.	3.0	496
7	Geological and climatic influences on mountain biodiversity. <i>Nature Geoscience</i> , 2018, 11, 718-725.	5.4	390
8	AVONET: morphological, ecological and geographical data for all birds. <i>Ecology Letters</i> , 2022, 25, 581-597.	3.0	280
9	What's on the horizon for macroecology?. <i>Ecography</i> , 2012, 35, 673-683.	2.1	166
10	Ecological and evolutionary determinants for the adaptive radiation of the Madagascan vangas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6620-6625.	3.3	151
11	Global patterns of amphibian phylogenetic diversity. <i>Journal of Biogeography</i> , 2012, 39, 1373-1382.	1.4	151
12	The Latitudinal Diversity Gradient: Novel Understanding through Mechanistic Eco-evolutionary Models. <i>Trends in Ecology and Evolution</i> , 2019, 34, 211-223.	4.2	151
13	Ecological, historical and evolutionary determinants of modularity in weighted seed dispersal networks. <i>Ecology Letters</i> , 2014, 17, 454-463.	3.0	150
14	Phylogenetic trees and the future of mammalian biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11556-11563.	3.3	131
15	Diversity in time and space: wanted dead and alive. <i>Trends in Ecology and Evolution</i> , 2013, 28, 509-516.	4.2	128
16	Functional and phylogenetic diversity and assemblage structure of frugivorous birds along an elevational gradient in the tropical Andes. <i>Ecography</i> , 2014, 37, 1047-1055.	2.1	124
17	Global patterns and drivers of phylogenetic structure in island floras. <i>Scientific Reports</i> , 2015, 5, 12213.	1.6	123
18	The current decline of tropical marsupials in Australia: is history repeating?. <i>Global Ecology and Biogeography</i> , 2014, 23, 181-190.	2.7	122

#	ARTICLE	IF	CITATIONS
19	Trait-Based Assessments of Climate-Change Impacts on Interacting Species. <i>Trends in Ecology and Evolution</i> , 2020, 35, 319-328.	4.2	106
20	The ghosts of mammals past: biological and geographical patterns of global mammalian extinction across the Holocene. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2564-2576.	1.8	100
21	Macroecology in the age of Big Data – Where to go from here?. <i>Journal of Biogeography</i> , 2020, 47, 1-12.	1.4	81
22	Phylogenetic diversity does not capture body size variation at risk in the world's mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2435-2441.	1.2	79
23	Climatic niche conservatism and the evolutionary dynamics in species range boundaries: global congruence across mammals and amphibians. <i>Journal of Biogeography</i> , 2011, 38, 2237-2247.	1.4	75
24	Global variation in thermal physiology of birds and mammals: evidence for phylogenetic niche conservatism only in the tropics. <i>Journal of Biogeography</i> , 2015, 42, 2187-2196.	1.4	73
25	The shape of mammalian phylogeny: patterns, processes and scales. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2462-2477.	1.8	64
26	Range geometry and socioeconomics dominate species-level biases in occurrence information. <i>Global Ecology and Biogeography</i> , 2016, 25, 1181-1193.	2.7	61
27	Functional and phylogenetic diversity of bird assemblages are filtered by different biotic factors on tropical mountains. <i>Journal of Biogeography</i> , 2019, 46, 291-303.	1.4	56
28	Twenty-million-year relationship between mammalian diversity and primary productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10908-10913.	3.3	42
29	DIVERSIFICATION AND BIOGEOGRAPHIC PATTERNS IN FOUR ISLAND RADIATIONS OF PASSERINE BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 179-190.	1.1	38
30	Quantification of climatic niches in birds: adding the temporal dimension. <i>Journal of Avian Biology</i> , 2017, 48, 1517-1531.	0.6	37
31	Correlates of Recent Declines of Rodents in Northern and Southern Australia: Habitat Structure Is Critical. <i>PLoS ONE</i> , 2015, 10, e0130626.	1.1	29
32	Building up biogeography: Pattern to process. <i>Journal of Biogeography</i> , 2018, 45, 1223-1230.	1.4	25
33	Global plant-herbivore trait matching is shaped by climate and biogeographic history. <i>Ecology Letters</i> , 2022, 25, 686-696.	3.0	24
34	Mammal body size evolution in North America and Europe over 20 Myr: similar trends generated by different processes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162361.	1.2	19
35	Unravelling the history of biodiversity in mountain ranges through integrating geology and biogeography. <i>Journal of Biogeography</i> , 2019, 46, 1777-1791.	1.4	17
36	Evidence for distinct evolutionary optima in the morphology of migratory and resident birds. <i>Journal of Avian Biology</i> , 2018, 49, e01807.	0.6	16

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37	Response to Comment on "An Update of Wallace's Zoogeographic Regions of the World". Science, 2013, 341, 343-343.	6.0	15
38	Scale-dependence of the correlation between human population and the species richness of stream macro-invertebrates. Basic and Applied Ecology, 2010, 11, 272-280.	1.2	14
39	Evolutionary diversification in the marine realm: a global case study with marine mammals. Frontiers of Biogeography, 2020, 12, .	0.8	12
40	Effects of phylogeny and geography on ecomorphological traits in passerine bird clades. Journal of Biogeography, 2018, 45, 2337-2347.	1.4	8
41	Climatic effects on niche evolution in a passerine bird clade depend on paleoclimate reconstruction method. Evolution; International Journal of Organic Evolution, 2021, 75, 1046-1060.	1.1	8
42	Macroecology as a hub between research disciplines: Opportunities, challenges and possible ways forward. Journal of Biogeography, 2020, 47, 13-15.	1.4	7
43	A tale of two seasons: The link between seasonal migration and climatic niches in passerine birds. Ecology and Evolution, 2020, 10, 11983-11997.	0.8	7
44	Rates of ecomorphological trait evolution in passerine bird clades are independent of age. Biological Journal of the Linnean Society, 2020, 129, 543-557.	0.7	6
45	Direct and plant-mediated effects of climate on bird diversity in tropical mountains. Ecology and Evolution, 2020, 10, 14196-14208.	0.8	5
46	Avian seed dispersal may be insufficient for plants to track future temperature change on tropical mountains. Global Ecology and Biogeography, 2022, 31, 848-860.	2.7	5
47	Phylogenetic signals in thermal traits remain stronger in the tropics if we can believe published physiological data. A reply to McKechnie et al. "Data quality problems undermine analyses of endotherm upper critical temperatures". Journal of Biogeography, 2017, 44, 2427-2431.	1.4	3
48	Response to commentary by Woinarski (Critical-weight-range marsupials in northern Australia are) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	2
49	Independent variation of avian sensitivity to climate change and trait-based adaptive capacity along a tropical elevational gradient. Diversity and Distributions, 0, , .	1.9	1
50	Cover Image: Volume 25 Number 3, March 2022. Ecology Letters, 2022, 25, .	3.0	0