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List of Publications by Year
in descending order

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41 papers	6,702 citations	201674 27 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	8590 citing authors

#	Article	IF	Citations
1	Most lichens are rare, and degree of rarity is mediated by lichen traits and biotic partners. Diversity and Distributions, 2022, 28, 1810-1819.	4.1	4
2	Unusually large upward shifts in coldâ€adapted, montane mammals as temperature warms. Ecology, 2021, 102, e03300.	3.2	11
3	Multiple dimensions of bird beta diversity support that mountains are higher in the tropics. Journal of Biogeography, 2021, 48, 2455-2468.	3.0	6
4	Climate change and elevational range shifts in insects. Current Opinion in Insect Science, 2021, 47, 111-118.	4.4	35
5	Using functional and phylogenetic diversity to infer avian community assembly along elevational gradients. Global Ecology and Biogeography, 2020, 29, 232-245.	5.8	67
6	Natural population variability may be masking the moreâ€individuals hypothesis. Ecology, 2020, 101, e03035.	3.2	10
7	A taxonomically broad metagenomic survey of 339 species spanning 57 families suggests cystobasidiomycete yeasts are not ubiquitous across all lichens. American Journal of Botany, 2019, 106, 1090-1095.	1.7	29
8	Habitat quality and disturbance drive lichen species richness in a temperate biodiversity hotspot. Oecologia, 2019, 190, 445-457.	2.0	36
9	Elevational richness patterns of sphingid moths support area effects over climatic drivers in a nearâ€global analysis. Global Ecology and Biogeography, 2019, 28, 917-927.	5.8	6
10	Disentangling elevational richness: a multiâ€scale hierarchical Bayesian occupancy model of Colorado ant communities. Ecography, 2019, 42, 977-988.	4.5	20
11	Evidence of substrate endemism of lichens on Fox Hills Sandstone: Discovery and description of Lecanora lendemeri as new to science. Bryologist, 2019, 122, 246.	0.6	5
12	Small mammal species richness is directly linked to regional productivity, but decoupled from food resources, abundance, or habitat complexity. Journal of Biogeography, 2018, 45, 2533-2545.	3.0	33
13	Field sampling is biased against small-ranged species of high conservation value: a case study on the sphingid moths of East Africa. Biodiversity and Conservation, 2018, 27, 3533-3544.	2.6	8
14	Is the ecological belt zonation of the Swiss Alps relevant for moth diversity and turnover?. Acta Oecologica, 2017, 80, 1-7.	1.1	2
15	Elevational species richness gradients in a hyperdiverse insect taxon: a global metaâ€study on geometrid moths. Global Ecology and Biogeography, 2017, 26, 412-424.	5.8	83
16	A Systematic Review of Global Drivers of Ant Elevational Diversity. PLoS ONE, 2016, 11, e0155404.	2.5	57
17	Species turnover in vertebrate communities along elevational gradients is idiosyncratic and unrelated to species richness. Global Ecology and Biogeography, 2016, 25, 299-310.	5.8	23
18	Midpoint attractors and species richness: Modelling the interaction between environmental drivers and geometric constraints. Ecology Letters, 2016, 19, 1009-1022.	6.4	75

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19	Population variability complicates the accurate detection of climate change responses. Global Change Biology, 2016, 22, 2081-2093.	9.5	51
20	Robust discrimination ofReithrodontomys megalotisandR. montanus(Mammalia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 Proceedings of the Biological Society of Washington, 2015, 128, 1-10.	0.3	1
21	Body size and activity times mediate mammalian responses to climate change. Global Change Biology, 2014, 20, 1760-1769.	9.5	153
22	Environmental harshness is positively correlated with intraspecific divergence in mammals and birds. Molecular Ecology, 2014, 23, 259-268.	3.9	82
23	The origin and maintenance of montane diversity: integrating evolutionary and ecological processes. Ecography, 2014, 37, 711-719.	4.5	182
24	Elevational Rapoport's rule is not pervasive on mountains. Global Ecology and Biogeography, 2013, 22, 750-759.	5.8	47
25	Latitude, elevational climatic zonation and speciation in New World vertebrates. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 194-201.	2.6	186
26	Different evolutionary histories underlie congruent species richness gradients of birds and mammals. Journal of Biogeography, 2012, 39, 825-841.	3.0	84
27	Assessing the threat to montane biodiversity from discordant shifts in temperature and precipitation in a changing climate. Ecology Letters, 2011, 14, 1236-1245.	6.4	214
28	Niche conservatism as an emerging principle in ecology and conservation biology. Ecology Letters, 2010, 13, 1310-1324.	6.4	1,387
29	Global analysis of reptile elevational diversity. Global Ecology and Biogeography, 2010, 19, 541-553.	5.8	124
30	Phylogeny, niche conservatism and the latitudinal diversity gradient in mammals. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2131-2138.	2.6	219
31	Metabolic theory and elevational diversity of vertebrate ectotherms. Ecology, 2010, 91, 601-609.	3.2	31
32	Vertebrate range sizes indicate that mountains may be â€˜higherâ€™ in the tropics. Ecology Letters, 2009, 12, 550-560.	6.4	189
33	Global analysis of bird elevational diversity. Global Ecology and Biogeography, 2009, 18, 346-360.	5.8	383
34	AREA AND MAMMALIAN ELEVATIONAL DIVERSITY. Ecology, 2007, 88, 76-86.	3.2	149
35	Evolution and the latitudinal diversity gradient: speciation, extinction and biogeography. Ecology Letters, 2007, 10, 315-331.	6.4	1,361
36	Could temperature and water availability drive elevational species richness patterns? A global case study for bats. Global Ecology and Biogeography, 2007, 16, 1-13.	5.8	307

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37	When does diversity fit null model predictions? Scale and range size mediate the mid-domain effect. Global Ecology and Biogeography, 2007, 16, 305-312.	5.8	73
38	AREA AND MAMMALIAN ELEVATIONAL DIVERSITY. , 2007, 88, 76.		1
39	ELEVATIONAL GRADIENTS IN DIVERSITY OF SMALL MAMMALS. Ecology, 2005, 86, 366-372.	3.2	337
40	The midâ€domain effect applied to elevational gradients: species richness of small mammals in Costa Rica. Journal of Biogeography, 2004, 31, 19-31.	3.0	299
41	Assessing the risks to United States and Canadian mammals caused by climate change using a trait-mediated model. Journal of Mammalogy, 0, , .	1.3	1