

Alexander Zizka

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,740
citations

236833

25
h-index

214721

47
g-index

69
all docs

69
docs citations

69
times ranked

3902
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>CoordinateCleaner</sc>: Standardized cleaning of occurrence records from biological collection databases. <i>Methods in Ecology and Evolution</i> , 2019, 10, 744-751.	2.2	473
2	Amazonia is the primary source of Neotropical biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6034-6039.	3.3	352
3	Estimating species diversity and distribution in the era of <sc>B</sc>ig <sc>D</sc>ata: to what extent can we trust public databases?. <i>Global Ecology and Biogeography</i> , 2015, 24, 973-984.	2.7	281
4	Conceptual and empirical advances in Neotropical biodiversity research. <i>PeerJ</i> , 2018, 6, e5644.	0.9	107
5	Infomap Bioregions: Interactive Mapping of Biogeographical Regions from Species Distributions. <i>Systematic Biology</i> , 2017, 66, syw087.	2.7	84
6	An engine for global plant diversity: highest evolutionary turnover and emigration in the American tropics. <i>Frontiers in Genetics</i> , 2015, 6, 130.	1.1	77
7	No one-size-fits-all solution to clean GBIF. <i>PeerJ</i> , 2020, 8, e9916.	0.9	73
8	The Andes through time: evolution and distribution of Andean floras. <i>Trends in Plant Science</i> , 2022, 27, 364-378.	4.3	67
9	Traditional plant use in Burkina Faso (West Africa): a national-scale analysis with focus on traditional medicine. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2015, 11, 9.	1.1	63
10	Patterns, biases and prospects in the distribution and diversity of Neotropical snakes. <i>Global Ecology and Biogeography</i> , 2018, 27, 14-21.	2.7	63
11	Biogeography and conservation status of the pineapple family (Bromeliaceae). <i>Diversity and Distributions</i> , 2020, 26, 183-195.	1.9	63
12	<i>sampbias</i>, a method for quantifying geographic sampling biases in species distribution data. <i>Ecography</i> , 2021, 44, 25-32.	2.1	63
13	Automated conservation assessment of the orchid family with deep learning. <i>Conservation Biology</i> , 2021, 35, 897-908.	2.4	59
14	SpeciesGeoCoder: Fast Categorization of Species Occurrences for Analyses of Biodiversity, Biogeography, Ecology, and Evolution. <i>Systematic Biology</i> , 2017, 66, syw064.	2.7	58
15	Bridging the research-implementation gap in IUCN Red List assessments. <i>Trends in Ecology and Evolution</i> , 2022, 37, 359-370.	4.2	58
16	LCVP, The Leipzig catalogue of vascular plants, a new taxonomic reference list for all known vascular plants. <i>Scientific Data</i> , 2020, 7, 416.	2.4	53
17	SECAPRâa bioinformatics pipeline for the rapid and user-friendly processing of targeted enriched Illumina sequences, from raw reads to alignments. <i>PeerJ</i> , 2018, 6, e5175.	0.9	52
18	Fossil biogeography: a new model to infer dispersal, extinction and sampling from palaeontological data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150225.	1.8	51

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19	Early Arrival and Climatically-Linked Geographic Expansion of New World Monkeys from Tiny African Ancestors. <i>Systematic Biology</i> , 2019, 68, 78-92.	2.7	50
20	Effects of large herbivores on fire regimes and wildfire mitigation. <i>Journal of Applied Ecology</i> , 2021, 58, 2690-2702.	1.9	43
21	Disproportionate extinction of South American mammals drove the asymmetry of the Great American Biotic Interchange. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26281-26287.	3.3	41
22	How to tell a shrub from a tree: A lifeâ€history perspective from a <sc>S</sc>outh <sc>A</sc>frican savanna. <i>Austral Ecology</i> , 2014, 39, 767-778.	0.7	36
23	Finding needles in the haystack: where to look for rare species in the American tropics. <i>Ecography</i> , 2018, 41, 321-330.	2.1	36
24	Locality or habitat? Exploring predictors of biodiversity in Amazonia. <i>Ecography</i> , 2019, 42, 321-333.	2.1	32
25	Diversity, distribution and preliminary conservation status of the flora of Burkina Faso. <i>Phytotaxa</i> , 2017, 304, 1.	0.1	27
26	Patterns of plant functional traits in the biogeography of West African grasses (Poaceae). <i>African Journal of Ecology</i> , 2011, 49, 490-500.	0.4	26
27	phylotaR: An Automated Pipeline for Retrieving Orthologous DNA Sequences from GenBank in R. <i>Life</i> , 2018, 8, 20.	1.1	26
28	Transitions between biomes are common and directional in Bombacoideae (Malvaceae). <i>Journal of Biogeography</i> , 2020, 47, 1310-1321.	1.4	26
29	Linking democracy and biodiversity conservation: Empirical evidence and research gaps. <i>Ambio</i> , 2020, 49, 419-433.	2.8	25
30	The pitfalls of biodiversity proxies: Differences in richness patterns of birds, trees and understudied diversity across Amazonia. <i>Scientific Reports</i> , 2019, 9, 19205.	1.6	23
31	Selective extinction against redundant species buffers functional diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201162.	1.2	19
32	<i>LUCNN</i> â€“ Deep learning approaches to approximate species' extinction risk. <i>Diversity and Distributions</i> , 2022, 28, 227-241.	1.9	19
33	Geographical Patterns of Woody Plants' Functional Traits in Burkina Faso. <i>Candollea</i> , 2013, 68, 197.	0.1	18
34	Temporal and palaeoclimatic context of the evolution of insular woodiness in the Canary Islands. <i>Ecology and Evolution</i> , 2021, 11, 12220-12231.	0.8	18
35	High-throughput metabarcoding reveals the effect of physicochemical soil properties on soil and litter biodiversity and community turnover across Amazonia. <i>PeerJ</i> , 2018, 6, e5661.	0.9	18
36	Unraveling the Phylogenomic Relationships of the Most Diverse African Palm Genus <i>Raphia</i> (Calamoideae, Areaceae). <i>Plants</i> , 2020, 9, 549.	1.6	16

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37	Mountains of diversity. <i>Nature</i> , 2018, 555, 173-174.	13.7	15
38	Biodiversity data availability and socio-political conditions in time and space. <i>Journal of Biogeography</i> , 2021, 48, 2715-2726.	1.4	15
39	The Vascular Plant Diversity of Burkina Faso (West Africa) – A Quantitative Analysis and Implications for Conservation. <i>Candollea</i> , 2015, 70, 9.	0.1	14
40	Racatus: A method to estimate the accuracy and biogeographical status of georeferenced biological data. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1609-1619.	2.2	13
41	Global Estimation and Mapping of the Conservation Status of Tree Species Using Artificial Intelligence. <i>Frontiers in Plant Science</i> , 2022, 13, 839792.	1.7	13
42	Big data suggest migration and bioregion connectivity as crucial for the evolution of Neotropical biodiversity. <i>Frontiers of Biogeography</i> , 2019, 11, .	0.8	11
43	The ecological drivers of growth form evolution in flowering plants. <i>Journal of Ecology</i> , 2022, 110, 1525-1536.	1.9	8
44	Existing approaches and future directions to link macroecology, macroevolution and conservation prioritization. <i>Ecography</i> , 2022, 2022, .	2.1	7
45	Phylogenomics of the Palm Tribe Lepidocaryeae (Calamoideae: Arecaceae) and Description of a New Species of <i>Mauritiella</i> . <i>Systematic Botany</i> , 2021, 46, 863-874.	0.2	6
46	Disjunct plant species in South American seasonally dry tropical forests responded differently to past climatic fluctuations. <i>Frontiers of Biogeography</i> , 2021, 13, .	0.8	5
47	Exploring the Impact of Political Regimes on Biodiversity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
48	Recent and local diversification of Central American understory palms. <i>Global Ecology and Biogeography</i> , 2022, 31, 1513-1525.	2.7	3
49	Ecological niche models and point distribution data reveal a differential coverage of the cacao relatives (Malvaceae) in South American protected areas. <i>Ecological Informatics</i> , 2022, 69, 101668.	2.3	2
50	A New and Improved Online Catalogue of all Extant Vascular Plant Names Available. <i>Taxon</i> , 2021, 70, 223-223.	0.4	0