

# Alexander Zizka

## List of Publications by Year in Descending Order

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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.

56  
papers

1,304  
citations

18  
h-index

35  
g-index

69  
ext. papers

2,019  
ext. citations

5.9  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
56	Bridging the research-implementation gap in IUCN Red List assessments.. <i>Trends in Ecology and Evolution</i> , <b>2022</b> ,	10.9	3
55	The Andes through time: evolution and distribution of Andean floras.. <i>Trends in Plant Science</i> , <b>2022</b> ,	13.1	8
54	IUCNN Deep learning approaches to approximate speciesVextinction risk. <i>Diversity and Distributions</i> , <b>2022</b> , 28, 227-241	5	3
53	Global Estimation and Mapping of the Conservation Status of Tree Species Using Artificial Intelligence.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 839792	6.2	0
52	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> , <b>2022</b> , 101668	4.2	0
51	The Flora and Vegetation of Easter Island: Past and Present. <i>Developments in Paleoenvironmental Research</i> , <b>2022</b> , 347-376		
50	Phylogenomics of the Palm Tribe Lepidocaryeae (Calamoideae: Arecaceae) and Description of a New Species of Mauritiella. <i>Systematic Botany</i> , <b>2021</b> , 46, 863-874	0.7	1
49	Disjunct plant species in South American seasonally dry tropical forests responded differently to past climatic fluctuations. <i>Frontiers of Biogeography</i> , <b>2021</b> , 13,	2.9	3
48	bRacatus: A method to estimate the accuracy and biogeographical status of georeferenced biological data. <i>Methods in Ecology and Evolution</i> , <b>2021</b> , 12, 1609-1619	7.7	1
47	sampbias, a method for quantifying geographic sampling biases in species distribution data. <i>Ecography</i> , <b>2021</b> , 44, 25-32	6.5	22
46	Automated conservation assessment of the orchid family with deep learning. <i>Conservation Biology</i> , <b>2021</b> , 35, 897-908	6	18
45	A New and Improved Online Catalogue of all Extant Vascular Plant Names Available. <i>Taxon</i> , <b>2021</b> , 70, 223-223	0.8	
44	Temporal and palaeoclimatic context of the evolution of insular woodiness in the Canary Islands. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 12220-12231	2.8	4
43	Bio-Dem, a tool to explore the relationship between biodiversity data availability and socio-political conditions in time and space. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 2715	4.1	2
42	Transitions between biomes are common and directional in Bombacoideae (Malvaceae). <i>Journal of Biogeography</i> , <b>2020</b> , 47, 1310-1321	4.1	14
41	Unraveling the Phylogenomic Relationships of the Most Diverse African Palm Genus (Calamoideae, Arecaceae). <i>Plants</i> , <b>2020</b> , 9,	4.5	6
40	No one-size-fits-all solution to clean GBIF. <i>PeerJ</i> , <b>2020</b> , 8, e9916	3.1	16

39	Biogeography and conservation status of the pineapple family (Bromeliaceae). <i>Diversity and Distributions</i> , <b>2020</b> , 26, 183-195	5	18
38	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> , <b>2020</b> , 117, 26281-26287	11.5	14
37	LCVP, The Leipzig catalogue of vascular plants, a new taxonomic reference list for all known vascular plants. <i>Scientific Data</i> , <b>2020</b> , 7, 416	8.2	20
36	Selective extinction against redundant species buffers functional diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20201162	4.4	7
35	Linking democracy and biodiversity conservation: Empirical evidence and research gaps. <i>Ambio</i> , <b>2020</b> , 49, 419-433	6.5	16
34	CoordinateCleaner: Standardized cleaning of occurrence records from biological collection databases. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 744-751	7.7	152
33	Big data suggest migration and bioregion connectivity as crucial for the evolution of Neotropical biodiversity. <i>Frontiers of Biogeography</i> , <b>2019</b> , 11,	2.9	7
32	Early Arrival and Climatically-Linked Geographic Expansion of New World Monkeys from Tiny African Ancestors. <i>Systematic Biology</i> , <b>2019</b> , 68, 78-92	8.4	27
31	Locality or habitat? Exploring predictors of biodiversity in Amazonia. <i>Ecography</i> , <b>2019</b> , 42, 321-333	6.5	18
30	The pitfalls of biodiversity proxies: Differences in richness patterns of birds, trees and understudied diversity across Amazonia. <i>Scientific Reports</i> , <b>2019</b> , 9, 19205	4.9	10
29	Finding needles in the haystack: where to look for rare species in the American tropics. <i>Ecography</i> , <b>2018</b> , 41, 321-330	6.5	26
28	phylotaR: An Automated Pipeline for Retrieving Orthologous DNA Sequences from GenBank in R. <i>Life</i> , <b>2018</b> , 8,	3	13
27	SECAPR-a bioinformatics pipeline for the rapid and user-friendly processing of targeted enriched Illumina sequences, from raw reads to alignments. <i>PeerJ</i> , <b>2018</b> , 6, e5175	3.1	28
26	Conceptual and empirical advances in Neotropical biodiversity research. <i>PeerJ</i> , <b>2018</b> , 6, e5644	3.1	70
25	High-throughput metabarcoding reveals the effect of physicochemical soil properties on soil and litter biodiversity and community turnover across Amazonia. <i>PeerJ</i> , <b>2018</b> , 6, e5661	3.1	11
24	Patterns, biases and prospects in the distribution and diversity of Neotropical snakes. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 14-21	6.1	39
23	Amazonia is the primary source of Neotropical biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6034-6039	11.5	192
22	Diversity, distribution and preliminary conservation status of the flora of Burkina Faso. <i>Phytotaxa</i> , <b>2017</b> , 304, 1	0.7	18

21	SpeciesGeoCoder: Fast Categorization of Species Occurrences for Analyses of Biodiversity, Biogeography, Ecology, and Evolution. <i>Systematic Biology</i> , <b>2017</b> , 66, 145-151	8.4	37
20	Infomap Bioregions: Interactive Mapping of Biogeographical Regions from Species Distributions. <i>Systematic Biology</i> , <b>2017</b> , 66, 197-204	8.4	51
19	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> , <b>2016</b> , 371, 20150225	5.8	39
18	An engine for global plant diversity: highest evolutionary turnover and emigration in the American tropics. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 130	4.5	57
17	Estimating species diversity and distribution in the era of Big Data: to what extent can we trust public databases?. <i>Global Ecology and Biogeography</i> , <b>2015</b> , 24, 973-984	6.1	175
16	Traditional plant use in Burkina Faso (West Africa): a national-scale analysis with focus on traditional medicine. <i>Journal of Ethnobiology and Ethnomedicine</i> , <b>2015</b> , 11, 9	3.9	46
15	The Vascular Plant Diversity of Burkina Faso (West Africa) I A Quantitative Analysis and Implications for Conservation. <i>Candollea</i> , <b>2015</b> , 70, 9-20	0.5	11
14	How to tell a shrub from a tree: A life-history perspective from a South African savanna. <i>Austral Ecology</i> , <b>2014</b> , 39, 767-778	1.5	25
13	Geographical Patterns of Woody Plants V Functional Traits in Burkina Faso. <i>Candollea</i> , <b>2013</b> , 68, 197	0.5	14
12	Patterns of plant functional traits in the biogeography of West African grasses (Poaceae). <i>African Journal of Ecology</i> , <b>2011</b> , 49, 490-500	0.8	22
11	Plant longevity, drought and island isolation favoured rampant evolutionary transitions towards insular woodiness		1
10	Exploring the impact of political regimes on biodiversity		1
9	Automated conservation assessment of the orchid family using deep learning		1
8	Existing approaches and future directions to link macroecology, macroevolution and conservation prioritization. <i>Ecography</i> ,	6.5	2
7	SpeciesGeoCoder: Fast categorisation of species occurrences for analyses of biodiversity, biogeography, ecology and evolution		2
6	speciesgeocodeR: An R package for linking species occurrences, user-defined regions and phylogenetic trees for biogeography, ecology and evolution		7
5	Evolutionary history of New World monkeys revealed by molecular and fossil data		1
4	sambias, a method for quantifying geographic sampling biases in species distribution data		3

- 3 No one-size-fits-all solution to clean GBIF 2
- 2 Multiple origins of insular woodiness on the Canary Islands are consistent with palaeoclimatic aridification 1
- 1 Effects of large herbivores on fire regimes and wildfire mitigation. *Journal of Applied Ecology*, 5.8 7