

Walter Jetz

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

33,988
citations

5569

82
h-index

5384

164
g-index

201
all docs

201
docs citations

201
times ranked

34260
citing authors

#	ARTICLE	IF	CITATIONS
1	The global diversity of birds in space and time. <i>Nature</i> , 2012, 491, 444-448.	13.7	2,740
2	Methods to account for spatial autocorrelation in the analysis of species distributional data: a review. <i>Ecography</i> , 2007, 30, 609-628.	2.1	2,522
3	EltonTraits 1.0: Species-level foraging attributes of the world's birds and mammals. <i>Ecology</i> , 2014, 95, 2027-2027.	1.5	1,212
4	Essential Biodiversity Variables. <i>Science</i> , 2013, 339, 277-278.	6.0	1,150
5	Global patterns and predictors of marine biodiversity across taxa. <i>Nature</i> , 2010, 466, 1098-1101.	13.7	1,131
6	Global patterns and determinants of vascular plant diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5925-5930.	3.3	1,080
7	Terrestrial animal tracking as an eye on life and planet. <i>Science</i> , 2015, 348, aaa2478.	6.0	1,067
8	A global assessment of endemism and species richness across island and mainland regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9322-9327.	3.3	901
9	Projected Impacts of Climate and Land-Use Change on the Global Diversity of Birds. <i>PLoS Biology</i> , 2007, 5, e157.	2.6	818
10	Inferring the mammal tree: Species-level sets of phylogenies for questions in ecology, evolution, and conservation. <i>PLoS Biology</i> , 2019, 17, e3000494.	2.6	659
11	Geographic Range Size and Determinants of Avian Species Richness. <i>Science</i> , 2002, 297, 1548-1551.	6.0	572
12	Species richness, hotspots, and the scale dependence of range maps in ecology and conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13384-13389.	3.3	551
13	Homage to Linnaeus: How many parasites? How many hosts?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11482-11489.	3.3	551
14	A framework for delineating biogeographical regions based on species distributions. <i>Journal of Biogeography</i> , 2010, 37, 2029-2053.	1.4	516
15	Additive threats from pathogens, climate and land-use change for global amphibian diversity. <i>Nature</i> , 2011, 480, 516-519.	13.7	504
16	The effects of species' range sizes on the accuracy of distribution models: ecological phenomenon or statistical artefact?. <i>Journal of Applied Ecology</i> , 2004, 41, 811-823.	1.9	441
17	The Scaling of Animal Space Use. <i>Science</i> , 2004, 306, 266-268.	6.0	441
18	Global Distribution and Conservation of Evolutionary Distinctness in Birds. <i>Current Biology</i> , 2014, 24, 919-930.	1.8	441

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19	Integrating biodiversity distribution knowledge: toward a global map of life. <i>Trends in Ecology and Evolution</i> , 2012, 27, 151-159.	4.2	435
20	COVID-19 lockdown allows researchers to quantify the effects of human activity on wildlife. <i>Nature Ecology and Evolution</i> , 2020, 4, 1156-1159.	3.4	413
21	A suite of global, cross-scale topographic variables for environmental and biodiversity modeling. <i>Scientific Data</i> , 2018, 5, 180040.	2.4	394
22	The interplay of past diversification and evolutionary isolation with present imperilment across the amphibian tree of life. <i>Nature Ecology and Evolution</i> , 2018, 2, 850-858.	3.4	389
23	Global priorities for an effective information basis of biodiversity distributions. <i>Nature Communications</i> , 2015, 6, 8221.	5.8	377
24	The Worldwide Variation in Avian Clutch Size across Species and Space. <i>PLoS Biology</i> , 2008, 6, e303.	2.6	353
25	Global habitat loss and extinction risk of terrestrial vertebrates under future land-use-change scenarios. <i>Nature Climate Change</i> , 2019, 9, 323-329.	8.1	346
26	A global 1-km consensus land-cover product for biodiversity and ecosystem modelling. <i>Global Ecology and Biogeography</i> , 2014, 23, 1031-1045.	2.7	344
27	Fully-sampled phylogenies of squamates reveal evolutionary patterns in threat status. <i>Biological Conservation</i> , 2016, 204, 23-31.	1.9	337
28	Projected range contractions of montane biodiversity under global warming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3401-3410.	1.2	324
29	Biodiversity impacts and conservation implications of urban land expansion projected to 2050. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117297119.	3.3	312
30	The coincidence of rarity and richness and the potential signature of history in centres of endemism. <i>Ecology Letters</i> , 2004, 7, 1180-1191.	3.0	304
31	Environmental Uncertainty and the Global Biogeography of Cooperative Breeding in Birds. <i>Current Biology</i> , 2011, 21, 72-78.	1.8	288
32	Patterns and causes of species richness: a general simulation model for macroecology. <i>Ecology Letters</i> , 2009, 12, 873-886.	3.0	286
33	Environmental and historical constraints on global patterns of amphibian richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1167-1173.	1.2	284
34	Essential biodiversity variables for mapping and monitoring species populations. <i>Nature Ecology and Evolution</i> , 2019, 3, 539-551.	3.4	283
35	Remotely Sensed High-Resolution Global Cloud Dynamics for Predicting Ecosystem and Biodiversity Distributions. <i>PLoS Biology</i> , 2016, 14, e1002415.	2.6	269
36	Global elevational diversity and diversification of birds. <i>Nature</i> , 2018, 555, 246-250.	13.7	264

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37	Global diversity of island floras from a macroecological perspective. <i>Ecology Letters</i> , 2008, 11, 116-127.	3.0	256
38	Linking global turnover of species and environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17836-17841.	3.3	247
39	Broad-scale ecological implications of ectothermy and endothermy in changing environments. <i>Global Ecology and Biogeography</i> , 2012, 21, 873-885.	2.7	236
40	Global Gradients in Vertebrate Diversity Predicted by Historical Area-Productivity Dynamics and Contemporary Environment. <i>PLoS Biology</i> , 2012, 10, e1001292.	2.6	233
41	Effects of species' ecology on the accuracy of distribution models. <i>Ecography</i> , 2007, 30, 135-151.	2.1	225
42	Monitoring plant functional diversity from space. <i>Nature Plants</i> , 2016, 2, 16024.	4.7	221
43	A global inventory of mountains for bio-geographical applications. <i>Alpine Botany</i> , 2017, 127, 1-15.	1.1	217
44	Bioclimatic and physical characterization of the world's islands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15307-15312.	3.3	216
45	Geometric constraints explain much of the species richness pattern in African birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5661-5666.	3.3	211
46	Large conservation gains possible for global biodiversity facets. <i>Nature</i> , 2017, 546, 141-144.	13.7	209
47	A global, remote sensing-based characterization of terrestrial habitat heterogeneity for biodiversity and ecosystem modelling. <i>Global Ecology and Biogeography</i> , 2015, 24, 1329-1339.	2.7	204
48	Unravelling the structure of species extinction risk for predictive conservation science. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1329-1338.	1.2	187
49	Space versus phylogeny: disentangling phylogenetic and spatial signals in comparative data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 21-30.	1.2	181
50	A vision for global monitoring of biological invasions. <i>Biological Conservation</i> , 2017, 213, 295-308.	1.9	178
51	The broad-scale ecology of energy expenditure of endotherms. <i>Ecology Letters</i> , 2005, 8, 310-318.	3.0	171
52	Phylogenetic comparative approaches for studying niche conservatism. <i>Journal of Evolutionary Biology</i> , 2010, 23, 2529-2539.	0.8	170
53	Ecological Correlates and Conservation Implications of Overestimating Species Geographic Ranges. <i>Conservation Biology</i> , 2008, 22, 110-119.	2.4	164
54	Universal species-area and endemics-area relationships at continental scales. <i>Nature</i> , 2012, 488, 78-81.	13.7	162

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55	Monitoring biodiversity change through effective global coordination. <i>Current Opinion in Environmental Sustainability</i> , 2017, 29, 158-169.	3.1	147
56	Areas of global importance for conserving terrestrial biodiversity, carbon and water. <i>Nature Ecology and Evolution</i> , 2021, 5, 1499-1509.	3.4	147
57	Phenotypic plasticity in the scaling of avian basal metabolic rate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 931-937.	1.2	145
58	Monitoring biodiversity in the Anthropocene using remote sensing in species distribution models. <i>Remote Sensing of Environment</i> , 2020, 239, 111626.	4.6	142
59	Contrasting environmental and regional effects on global pteridophyte and seed plant diversity. <i>Ecography</i> , 2010, 33, 408-419.	2.1	134
60	Near-global freshwater-specific environmental variables for biodiversity analyses in 1-km resolution. <i>Scientific Data</i> , 2015, 2, 150073.	2.4	134
61	Detecting the Multiple Facets of Biodiversity. <i>Trends in Ecology and Evolution</i> , 2016, 31, 527-538.	4.2	134
62	Bird dietary guild richness across latitudes, environments and biogeographic regions. <i>Global Ecology and Biogeography</i> , 2012, 21, 328-340.	2.7	133
63	Future battlegrounds for conservation under global change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1261-1270.	1.2	132
64	Multiscale scenarios for nature futures. <i>Nature Ecology and Evolution</i> , 2017, 1, 1416-1419.	3.4	131
65	Tracking of climatic niche boundaries under recent climate change. <i>Journal of Animal Ecology</i> , 2012, 81, 914-925.	1.3	129
66	Relative roles of ecological and energetic constraints, diversification rates and region history on global species richness gradients. <i>Ecology Letters</i> , 2015, 18, 563-571.	3.0	128
67	The global distribution of frugivory in birds. <i>Global Ecology and Biogeography</i> , 2009, 18, 150-162.	2.7	125
68	Phylogenetic and Trait-Based Prediction of Extinction Risk for Data-Deficient Amphibians. <i>Current Biology</i> , 2019, 29, 1557-1563.e3.	1.8	124
69	Phylogenetic conservatism of environmental niches in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2384-2391.	1.2	123
70	Cross-scale variation in species richness-environment associations. <i>Global Ecology and Biogeography</i> , 2011, 20, 464-474.	2.7	123
71	Taxonomic and functional diversity change is scale dependent. <i>Nature Communications</i> , 2018, 9, 2565.	5.8	117
72	Satellite sensor requirements for monitoring essential biodiversity variables of coastal ecosystems. <i>Ecological Applications</i> , 2018, 28, 749-760.	1.8	116

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73	A general scaling law reveals why the largest animals are not the fastest. <i>Nature Ecology and Evolution</i> , 2017, 1, 1116-1122.	3.4	112
74	Energetics, lifestyle, and reproduction in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10937-10941.	3.3	106
75	Towards a general framework for predicting threat status of data-deficient species from phylogenetic, spatial and environmental information. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140016.	1.8	101
76	Projected impacts of climate change on regional capacities for global plant species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2271-2280.	1.2	100
77	Avian distributions under climate change: towards improved projections. <i>Journal of Experimental Biology</i> , 2010, 213, 862-869.	0.8	97
78	Environment, Migratory Tendency, Phylogeny and Basal Metabolic Rate in Birds. <i>PLoS ONE</i> , 2008, 3, e3261.	1.1	95
79	Global associations between terrestrial producer and vertebrate consumer diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 269-278.	1.2	94
80	Local and global approaches to spatial data analysis in ecology. <i>Global Ecology and Biogeography</i> , 2005, 14, 97-98.	2.7	93
81	Environmental correlates of badger social spacing across Europe. <i>Journal of Biogeography</i> , 2002, 29, 411-425.	1.4	92
82	Using coarse-grained occurrence data to predict species distributions at finer spatial resolutions—possibilities and limitations. <i>Ecological Modelling</i> , 2006, 192, 499-522.	1.2	92
83	<sc>PASTIS</sc>: an R package to facilitate phylogenetic assembly with soft taxonomic inferences. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1011-1017.	2.2	92
84	A 40-year, continent-wide, multispecies assessment of relevant climate predictors for species distribution modelling. <i>Diversity and Distributions</i> , 2014, 20, 1285-1295.	1.9	89
85	Phylogenetic endemism in terrestrial mammals. <i>Global Ecology and Biogeography</i> , 2015, 24, 168-179.	2.7	89
86	Insularity and the determinants of lizard population density. <i>Ecology Letters</i> , 2007, 10, 481-489.	3.0	88
87	Energetic determinants of abundance in winter landbird communities. <i>Ecology Letters</i> , 2004, 7, 532-537.	3.0	84
88	Wildlife Insights: A Platform to Maximize the Potential of Camera Trap and Other Passive Sensor Wildlife Data for the Planet. <i>Environmental Conservation</i> , 2020, 47, 1-6.	0.7	84
89	Mapping the biodiversity of tropical insects: species richness and inventory completeness of <sc>A</sc>frican sphingid moths. <i>Global Ecology and Biogeography</i> , 2013, 22, 586-595.	2.7	83
90	Extinctions and the loss of ecological function in island bird communities. <i>Global Ecology and Biogeography</i> , 2014, 23, 679-688.	2.7	81

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91	Global patterns of specialization and coexistence in bird assemblages. <i>Journal of Biogeography</i> , 2012, 39, 193-203.	1.4	80
92	Comparative Methods as a Statistical Fix: The Dangers of Ignoring an Evolutionary Model. <i>American Naturalist</i> , 2011, 178, E10-E17.	1.0	79
93	BIOTIC AND ABIOTIC CONTROLS OF ARGENTINE ANT INVASION SUCCESS AT LOCAL AND LANDSCAPE SCALES. <i>Ecology</i> , 2007, 88, 3164-3173.	1.5	76
94	More than "More Individuals": The Nonequivalence of Area and Energy in the Scaling of Species Richness. <i>American Naturalist</i> , 2010, 176, E50-E65.	1.0	72
95	Integrating occurrence data and expert maps for improved species range predictions. <i>Global Ecology and Biogeography</i> , 2017, 26, 243-258.	2.7	71
96	Global functional and phylogenetic structure of avian assemblages across elevation and latitude. <i>Ecology Letters</i> , 2021, 24, 196-207.	3.0	70
97	On the decline of biodiversity due to area loss. <i>Nature Communications</i> , 2015, 6, 8837.	5.8	69
98	A near half-century of temporal change in different facets of avian diversity. <i>Global Change Biology</i> , 2017, 23, 2999-3011.	4.2	67
99	Shortfalls and opportunities in terrestrial vertebrate species discovery. <i>Nature Ecology and Evolution</i> , 2021, 5, 631-639.	3.4	66
100	Disparities between observed and predicted impacts of climate change on winter bird assemblages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3167-3174.	1.2	65
101	Downscaling of species distribution models: a hierarchical approach. <i>Methods in Ecology and Evolution</i> , 2013, 4, 82-94.	2.2	63
102	The effect of range changes on the functional turnover, structure and diversity of bird assemblages under future climate scenarios. <i>Global Change Biology</i> , 2015, 21, 2917-2928.	4.2	61
103	Range geometry and socioeconomics dominate species-level biases in occurrence information. <i>Global Ecology and Biogeography</i> , 2016, 25, 1181-1193.	2.7	61
104	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios. <i>Geoscientific Model Development</i> , 2018, 11, 4537-4562.	1.3	61
105	Global priorities for conservation of reptilian phylogenetic diversity in the face of human impacts. <i>Nature Communications</i> , 2020, 11, 2616.	5.8	59
106	Disentangling scale dependencies in species environmental niches and distributions. <i>Ecography</i> , 2018, 41, 1604-1615.	2.1	57
107	Conservation biogeography of the US-Mexico border: a transcontinental risk assessment of barriers to animal dispersal. <i>Diversity and Distributions</i> , 2011, 17, 673-687.	1.9	56
108	Different clades and traits yield similar grassland functional responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 705-710.	3.3	56

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109	Comment on "An Update of Wallace's Zoogeographic Regions of the World" Science, 2013, 341, 343-348.0		54
110	Earth history events shaped the evolution of uneven biodiversity across tropical moist forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	54
111	Type and spatial structure of distribution data and the perceived determinants of geographical gradients in ecology: the species richness of African birds. Global Ecology and Biogeography, 2007, 16, 657-667.	2.7	52
112	THERMAL AND ENERGETIC CONSTRAINTS ON ECTOTHERM ABUNDANCE: A GLOBAL TEST USING LIZARDS. Ecology, 2008, 89, 48-55.	1.5	51
113	Limited protection and ongoing loss of tropical cloud forest biodiversity and ecosystems worldwide. Nature Ecology and Evolution, 2021, 5, 854-862.	3.4	51
114	Global daily 1°km land surface precipitation based on cloud cover-informed downscaling. Scientific Data, 2021, 8, 307.	2.4	50
115	Regional Pools and Environmental Controls of Vertebrate Richness. American Naturalist, 2012, 179, 512-523.	1.0	49
116	Biological Earth observation with animal sensors. Trends in Ecology and Evolution, 2022, 37, 293-298.	4.2	49
117	Spatial Scaling of Functional Structure in Bird and Mammal Assemblages. American Naturalist, 2013, 181, 464-478.	1.0	47
118	Systematic land cover bias in Collection 5 MODIS cloud mask and derived products " A global overview. Remote Sensing of Environment, 2014, 141, 149-154.	4.6	47
119	Historical Biogeography Using Species Geographical Ranges. Systematic Biology, 2015, 64, 1059-1073.	2.7	46
120	Phylogenetically informed spatial planning is required to conserve the mammalian tree of life. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170627.	1.2	44
121	The macroecological dynamics of species coexistence in birds. Nature Ecology and Evolution, 2018, 2, 1112-1119.	3.4	44
122	Impact of climate change on migratory birds: community reassembly versus adaptation. Global Ecology and Biogeography, 2008, 17, 38-49.	2.7	42
123	Energetic Constraints on Species Coexistence in Birds. PLoS Biology, 2016, 14, e1002407.	2.6	42
124	Humboldt Core " toward a standardized capture of biological inventories for biodiversity monitoring, modeling and assessment. Ecology, 2018, 41, 713-725.	2.1	41
125	Expert range maps of global mammal distributions harmonised to three taxonomic authorities. Journal of Biogeography, 2022, 49, 979-992.	1.4	41
126	Vulnerability of terrestrial island vertebrates to projected sea-level rise. Global Change Biology, 2013, 19, 2058-2070.	4.2	39

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127	Range-Wide Latitudinal and Elevational Temperature Gradients for the World's Terrestrial Birds: Implications under Global Climate Change. PLoS ONE, 2014, 9, e98361.	1.1	38
128	Measure and Reduce the Harm Caused by Biological Invasions. One Earth, 2019, 1, 171-174.	3.6	38
129	Phylogenetic and spatial distribution of evolutionary diversification, isolation, and threat in turtles and crocodylians (non-avian archosauromorphs). BMC Evolutionary Biology, 2020, 20, 81.	3.2	38
130	Toward monitoring forest ecosystem integrity within the post-2020 Global Biodiversity Framework. Conservation Letters, 2021, 14, e12822.	2.8	37
131	Biogeography of body size in Pacific island birds. Ecography, 2010, 33, 369-379.	2.1	35
132	Global and national trends, gaps, and opportunities in documenting and monitoring species distributions. PLoS Biology, 2021, 19, e3001336.	2.6	35
133	Model-based integration of observed and expert-based information for assessing the geographic and environmental distribution of freshwater species. Ecography, 2016, 39, 1078-1088.	2.1	34
134	Quantifying the evidence for co-benefits between species conservation and climate change mitigation in giant panda habitats. Scientific Reports, 2017, 7, 12705.	1.6	34
135	Putting insects on the map: near-global variation in sphingid moth richness along spatial and environmental gradients. Ecography, 2017, 40, 698-708.	2.1	33
136	Using multi-timescale methods and satellite-derived land surface temperature for the interpolation of daily maximum air temperature in Oregon. International Journal of Climatology, 2015, 35, 3862-3878.	1.5	32
137	Include biodiversity representation indicators in area-based conservation targets. Nature Ecology and Evolution, 2022, 6, 123-126.	3.4	29
138	Lizard community structure along environmental gradients. Journal of Animal Ecology, 2010, 79, 358-365.	1.3	26
139	Individual environmental niches in mobile organisms. Nature Communications, 2021, 12, 4572.	5.8	26
140	Uncertainty, priors, autocorrelation and disparate data in downscaling of species distributions. Diversity and Distributions, 2014, 20, 797-812.	1.9	25
141	Beta Diversity Patterns Derived from Island Biogeography Theory. American Naturalist, 2019, 194, E52-E65.	1.0	24
142	Animal tracking moves community ecology: Opportunities and challenges. Journal of Animal Ecology, 2022, 91, 1334-1344.	1.3	24
143	Accumulation over evolutionary time as a major cause of biodiversity hotspots in conifers. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191887.	1.2	23
144	Molecules and fossils tell distinct yet complementary stories of mammal diversification. Current Biology, 2021, 31, 4195-4206.e3.	1.8	22

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145	Global geographical and latitudinal variation in butterfly species richness captured through a comprehensive country-level occurrence database. <i>Global Ecology and Biogeography</i> , 2022, 31, 830-839.	2.7	22
146	BILBI: Supporting global biodiversity assessment through high-resolution macroecological modelling. <i>Environmental Modelling and Software</i> , 2020, 132, 104806.	1.9	20
147	Simulation-based reconstruction of global bird migration over the past 50,000 years. <i>Nature Communications</i> , 2020, 11, 801.	5.8	20
148	A hierarchical inventory of the world's mountains for global comparative mountain science. <i>Scientific Data</i> , 2022, 9, 149.	2.4	20
149	An Assessment of Methods and Remote-Sensing Derived Covariates for Regional Predictions of 1 km Daily Maximum Air Temperature. <i>Remote Sensing</i> , 2014, 6, 8639-8670.	1.8	19
150	Species' range model metadata standards: RMMS. <i>Global Ecology and Biogeography</i> , 2019, 28, 1912-1924.	2.7	18
151	A unifying framework for quantifying and comparing n-dimensional hypervolumes. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1953-1968.	2.2	18
152	Phenotypic population divergence in terrestrial vertebrates at macro scales. <i>Ecology Letters</i> , 2009, 12, 1137-1146.	3.0	17
153	Biodiversity Modelling as Part of an Observation System. , 2017, , 239-257.		16
154	Continental-scale 1 km hummingbird diversity derived from fusing point records with lateral and elevational expert information. <i>Ecography</i> , 2021, 44, 640-652.	2.1	16
155	Country Compendium of the Global Register of Introduced and Invasive Species. <i>Scientific Data</i> , 2022, 9, .	2.4	15
156	Hierarchical multi-scale models improve descriptions of species' environmental associations, distribution, and abundance. <i>Ecological Applications</i> , 2020, 30, e02117.	1.8	14
157	Evolutionary legacies in contemporary tetrapod imperilment. <i>Ecology Letters</i> , 2021, 24, 2464-2476.	3.0	13
158	Environmental constraints on the compositional and phylogenetic beta-diversity of tropical forest snake assemblages. <i>Journal of Animal Ecology</i> , 2017, 86, 1192-1204.	1.3	12
159	Dietary guild composition and disaggregation of avian assemblages under climate change. <i>Global Change Biology</i> , 2014, 20, 790-802.	4.2	11
160	Downscaling the environmental associations and spatial patterns of species richness. , 2014, 24, 823-831.		9
161	Macroevolutionary dynamics of climatic niche space. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	7
162	Country-level checklists and occurrences for the world's Odonata (dragonflies and damselflies). <i>Journal of Biogeography</i> , 2022, 49, 1586-1598.	1.4	7

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163	The limits of direct community modeling approaches for broad-scale predictions of ecological assemblage structure. <i>Biological Conservation</i> , 2016, 201, 396-404.	1.9	6
164	A cloud-based toolbox for the versatile environmental annotation of biodiversity data. <i>PLoS Biology</i> , 2021, 19, e3001460.	2.6	5
165	Environmentâ€and traitâ€mediated scaling of tree occupancy in forests worldwide. <i>Global Ecology and Biogeography</i> , 2019, 28, 1155-1167.	2.7	2
166	Macroecology meets IPBES. <i>Frontiers of Biogeography</i> , 2016, 7, .	0.8	0