Nicholas J Gotelli

List of Publications by Citations

176 papers	20,038 citations	59 h-index	141 g-index
189 ext. papers	23,258 ext. citations	7.3 avg, IF	7.21 L-index

#	Paper	IF	Citations
176	Quantifying biodiversity: procedures and pitfalls in the measurement and comparison of species richness. *Ecology Letters*, **2001**, 4, 379-391	10	4176
175	Rarefaction and extrapolation with Hill numbers: a framework for sampling and estimation in species diversity studies. *Ecological Monographs*, **2014**, 84, 45-67	9	1406
174	Models and estimators linking individual-based and sample-based rarefaction, extrapolation and comparison of assemblages. *Journal of Plant Ecology*, **2012**, 5, 3-21	1.7	1156
173	NULL MODEL ANALYSIS OF SPECIES CO-OCCURRENCE PATTERNS. *Ecology*, **2000**, 81, 2606-2621	4.6	1094
172	Assemblage time series reveal biodiversity change but not systematic loss. *Science*, **2014**, 344, 296-9	33.3	703
171	Plant species richness and ecosystem multifunctionality in global drylands. *Science*, **2012**, 335, 214-8	33.3	690
170	SPECIES CO-OCCURRENCE: A META-ANALYSIS OF J. M. DIAMOND'S ASSEMBLY RULES MODEL. *Ecology*, **2002**, 83, 2091-2096	4.6	640
169	A consumer's guide to nestedness analysis. *Oikos*, **2009**, 118, 3-17	4	525
168	The mid-domain effect and species richness patterns:what have we learned so far?. *American Naturalist*, **2004**, 163, E1-23	3.7	406
167	Fifteen forms of biodiversity trend in the Anthropocene. *Trends in Ecology and Evolution*, **2015**, 30, 104-13	10.9	383
166	Sufficient sampling for asymptotic minimum species richness estimators. *Ecology*, **2009**, 90, 1125-33	4.6	321
165	Community disassembly by an invasive species. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 2474-7	11.5	316
164	Null model analysis of species nestedness patterns. *Ecology*, **2007**, 88, 1824-31	4.6	292
163	Patterns and causes of species richness: a general simulation model for macroecology. *Ecology Letters*, **2009**, 12, 873-86	10	232
162	Predicting continental-scale patterns of bird species richness with spatially explicit models. *Proceedings of the Royal Society B: Biological Sciences*, **2007**, 274, 165-74	4.4	228
161	Measuring and Estimating Species Richness, Species Diversity, and Biotic Similarity from Sampling Data **2013**, 195-211		201
160	Research frontiers in null model analysis. *Global Ecology and Biogeography*, **2001**, 10, 337-343	6.1	195

159	Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. *Ecology Letters*, **2009**, 12, 324-33	10	191
158	Macroecological signals of species interactions in the Danish avifauna. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 5030-5	11.5	189
157	Energetics and the evolution of carnivorous plants--Darwin& Qnost wonderful plants in the worldQ *Journal of Experimental Botany*, **2009**, 60, 19-42	7	189
156	Swap and fill algorithms in null model analysis: rethinking the knight& tour. *Oecologia*, **2001**, 129, 281-291	2.9	182
155	Null Versus Neutral Models: What& The Difference?. *Ecography*, **2006**, 29, 793-800	6.5	161
154	Statistical challenges in null model analysis. *Oikos*, **2012**, 121, 171-180	4	157
153	Evolutionary ecology of carnivorous plants. *Trends in Ecology and Evolution*, **2001**, 16, 623-629	10.9	156
152	Assembly rules for New England ant assemblages. *Oikos*, **2002**, 99, 591-599	4	151
151	Biodiversity enhances individual performance but does not affect survivorship in tropical trees. *Ecology Letters*, **2008**, 11, 217-23	10	149
150	Co-occurrence of ectoparasites of marine fishes: a null model analysis. *Ecology Letters*, **2002**, 5, 86-94	10	145
149	Pattern detection in null model analysis. *Oikos*, **2013**, 122, 2-18	4	144
148	Functional trait diversity maximizes ecosystem multifunctionality. *Nature Ecology and Evolution*, **2017**, 1, 0132-132	12.3	138
147	Quantifying temporal change in biodiversity: challenges and opportunities. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20121931	4.4	137
146	. *Ecology*, **2003**, 84, 532-535	4.6	137
145	Null model analysis of species associations using abundance data. *Ecology*, **2010**, 91, 3384-97	4.6	134
144	The empirical Bayes approach as a tool to identify non-random species associations. *Oecologia*, **2010**, 162, 463-77	2.9	132
143	Disentangling community patterns of nestedness and species co-occurrence. *Oikos*, **2007**, 116, 2053-2061	4	125
142	Rapid biotic homogenization of marine fish assemblages. *Nature Communications*, **2015**, 6, 8405	17.4	120

141	Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities. *Ecology Letters*, **2018**, 21, 1737-1751	10	117
140	BIOGEOGRAPHY AT A REGIONAL SCALE: DETERMINANTS OF ANT SPECIES DENSITY IN NEW ENGLAND BOGS AND FORESTS. *Ecology*, **2002**, 83, 1604-1609	4.6	109
139	Holocene shifts in the assembly of plant and animal communities implicate human impacts. *Nature*, **2016**, 529, 80-3	50.4	104
138	GEOGRAPHIC VARIATION IN LIFE-HISTORY TRAITS OF THE ANT LION, MYRMELEON IMMACULATUS: EVOLUTIONARY IMPLICATIONS OF BERGMANN'S RULE. *Evolution; International Journal of Organic Evolution*, **1999**, 53, 1180-1188	3.8	103
137	A taxonomic wish-list for community ecology. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2004**, 359, 585-97	5.8	99
136	A physiological trait-based approach to predicting the responses of species to experimental climate warming. *Ecology*, **2012**, 93, 2305-12	4.6	98
135	Nitrogen availability alters the expression of carnivory in the northern pitcher plant, Sarracenia purpurea. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 4409-12	11.5	98
134	MaxEnt versus MaxLike: empirical comparisons with ant species distributions. *Ecosphere*, **2013**, 4, art55	3.1	92
133	A balance of winners and losers in the Anthropocene. *Ecology Letters*, **2019**, 22, 847-854	10	86
132	Partitioning the effects of biodiversity and environmental heterogeneity for productivity and mortality in a tropical tree plantation. *Journal of Ecology*, **2008**, 96, 903-913	6	84
131	Disentangling biotic interactions, environmental filters, and dispersal limitation as drivers of species co-occurrence. *Ecography*, **2018**, 41, 1233-1244	6.5	81
130	Assembly rules of ground-foraging ant assemblages are contingent on disturbance, habitat and spatial scale. *Journal of Biogeography*, **2007**, 34, 1632-1641	4.1	80
129	Estimates of local biodiversity change over time stand up to scrutiny. *Ecology*, **2017**, 98, 583-590	4.6	76
128	Reverse latitudinal trends in species richness of pitcher-plant food webs. *Ecology Letters*, **2003**, 6, 825-829	10	74
127	Similarity of introduced plant species to native ones facilitates naturalization, but differences enhance invasion success. *Nature Communications*, **2018**, 9, 4631	17.4	71
126	Demographic Models for Leptogorgia Virgulata, A Shallow-Water Gorgonian. *Ecology*, **1991**, 72, 457-467	4.6	68
125	Invasive ants alter the phylogenetic structure of ant communities. *Ecology*, **2009**, 90, 2664-9	4.6	67
124	Global diversity in light of climate change: the case of ants. *Diversity and Distributions*, **2011**, 17, 652-662	5	66

123	Species interactions and thermal constraints on ant community structure. *Oikos*, **2010**, 119, 551-559	4	66
122	Climate change, genetic markers and species distribution modelling. *Journal of Biogeography*, **2015**, 42, 1577-1585	4.1	65
121	EVOLUTIONARY PATTERNS OF ALTERED BEHAVIOR AND SUSCEPTIBILITY IN PARASITIZED HOSTS. *Evolution; International Journal of Organic Evolution*, **1996**, 50, 807-819	3.8	61
120	Comparison of bacterial communities in New England Sphagnum bogs using terminal restriction fragment length polymorphism (T-RFLP). *Microbial Ecology*, **2006**, 52, 34-44	4.4	60
119	Food-web models predict species abundances in response to habitat change. *PLoS Biology*, **2006**, 4, e324	9.7	60
118	ALLOMETRIC EXPONENTS SUPPORT A 3/4-POWER SCALING LAW. *Ecology*, **2005**, 86, 2083-2087	4.6	59
117	The evolutionary ecology of carnivorous plants. *Advances in Ecological Research*, **2003**, 33, 1-74	4.6	58
116	Measurement of Biodiversity (MoB): A method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change. *Methods in Ecology and Evolution*, **2019**, 10, 258-269	7.7	58
115	Co-Occurrence of Australian Land Birds: Diamond Assembly Rules Revisited. *Oikos*, **1997**, 80, 311	4	57
114	Linking the brown and green: nutrient transformation and fate in the Sarracenia microecosystem. *Ecology*, **2008**, 89, 898-904	4.6	56
113	Bergmann rule in larval ant lions: testing the starvation resistance hypothesis. *Ecological Entomology*, **2003**, 28, 645-650	2.1	56
112	Climate and soil attributes determine plant species turnover in global drylands. *Journal of Biogeography*, **2014**, 41, 2307-2319	4.1	53
111	PREY ADDITION ALTERS NUTRIENT STOICHIOMETRY OF THE CARNIVOROUS PLANT SARRACENIA PURPUREA. *Ecology*, **2005**, 86, 1737-1743	4.6	53
110	Morphological variation in Sarracenia purpurea (Sarraceniaceae): geographic, environmental, and taxonomic correlates. *American Journal of Botany*, **2004**, 91, 1930-5	2.7	51
109	NITROGEN DEPOSITION AND EXTINCTION RISK IN THE NORTHERN PITCHER PLANT, SARRACENIA PURPUREA. *Ecology*, **2002**, 83, 2758-2765	4.6	50
108	Unveiling the species-rank abundance distribution by generalizing the Good-Turing sample coverage theory. *Ecology*, **2015**, 96, 1189-201	4.6	49
107	A null model algorithm for presence–absence matrices based on proportional resampling. *Ecological Modelling*, **2012**, 244, 20-27	3	49
106	Heating up the forest: open-top chamber warming manipulation of arthropod communities at Harvard and Duke Forests. *Methods in Ecology and Evolution*, **2011**, 2, 534-540	7.7	49

105	Rapid Inventory of the Ant Assemblage in a Temperate Hardwood Forest: Species Composition and Assessment of Sampling Methods. *Environmental Entomology*, **2007**, 36, 766-775	2.1	49
104	Midpoint attractors and species richness: Modelling the interaction between environmental drivers and geometric constraints. *Ecology Letters*, **2016**, 19, 1009-22	10	49
103	IMPROVING THE PRECISION OF ESTIMATES OF THE FREQUENCY OF RARE EVENTS. *Ecology*, **2005**, 86, 1114-1123	4.6	47
102	Geographic variation in network structure of a nearctic aquatic food web. *Global Ecology and Biogeography*, **2012**, 21, 579-591	6.1	46
101	Community-level regulation of temporal trends in biodiversity. *Science Advances*, **2017**, 3, e1700315	14.3	46
100	Organic-matter loading determines regime shifts and alternative states in an aquatic ecosystem. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 7742-7	11.5	45
99	Ecological network metrics: opportunities for synthesis. *Ecosphere*, **2017**, 8, e01900	3.1	43
98	COMPETITION AND COEXISTENCE OF LARVAL ANT LIONS. *Ecology*, **1997**, 78, 1761-1773	4.6	43
97	Species interactions and random dispersal rather than habitat filtering drive community assembly during early plant succession. *Oikos*, **2016**, 125, 698-707	4	42
96	The effects of fire, local environment and time on ant assemblages in fens and forests. *Diversity and Distributions*, **2005**, 11, 487-497	5	41
95	Climatic warming destabilizes forest ant communities. *Science Advances*, **2016**, 2, e1600842	14.3	39
94	Ant Community Structure: Effects of Predatory Ant Lions. *Ecology*, **1996**, 77, 630-638	4.6	39
93	Randomization tests for quantifying species importance to ecosystem function. *Methods in Ecology and Evolution*, **2011**, 2, 634-642	7.7	38
92	P values, hypothesis testing, and model selection: it□ d□□vu all over again. *Ecology*, **2014**, 95, 609-10	4.6	37
91	Diversity-disease relationships and shared species analyses for human microbiome-associated diseases. *ISME Journal*, **2019**, 13, 1911-1919	11.9	36
90	Forecasting extinction risk with nonstationary matrix models **2006**, 16, 51-61		35
89	Pit-Building Decisions of Larval Ant Lions: Effects of Larval Age, Temperature, Food, and Population Source. *Journal of Insect Behavior*, **2001**, 14, 89-97	1.1	34
88	The evolution of heat shock protein sequences, cis-regulatory elements, and expression profiles in the eusocial Hymenoptera. *BMC Evolutionary Biology*, **2016**, 16, 15	3	34

87	Common garden experiments reveal uncommon responses across temperatures, locations, and species of ants. *Ecology and Evolution*, **2012**, 2, 3009-15	2.8	33
86	Matrix models for quantifying competitive intransitivity. *Oikos*, **2014**, 123, 1057-1070	4	32
85	Using physiology to predict the responses of ants to climatic warming. *Integrative and Comparative Biology*, **2013**, 53, 965-74	2.8	31
84	NULL MODEL ANALYSIS OF SPECIES CO-OCCURRENCE PATTERNS **2000**, 81, 2606		31
83	Ecological and biogeographic null hypotheses for comparing rarefaction curves. *Ecological Monographs*, **2015**, 85, 437-455	9	30
82	Predicting food-web structure with metacommunity models. *Oikos*, **2013**, 122, 492-506	4	29
81	Detecting temporal trends in species assemblages with bootstrapping procedures and hierarchical models. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 3621-31	5.8	27
80	Effects of short-term warming on low and high latitude forest ant communities. *Ecosphere*, **2011**, 2, art63	3.1	26
79	A comprehensive framework for the study of species co-occurrences, nestedness and turnover. *Oikos*, **2017**, 126, 1607-1616	4	25
78	Environmental proteomics, biodiversity statistics and food-web structure. *Trends in Ecology and Evolution*, **2012**, 27, 436-42	10.9	23
77	Rapid inventory of the ant assemblage in a temperate hardwood forest: species composition and assessment of sampling methods. *Environmental Entomology*, **2007**, 36, 766-75	2.1	23
76	econullnetr: An r package using null models to analyse the structure of ecological networks and identify resource selection. *Methods in Ecology and Evolution*, **2018**, 9, 728-733	7.7	22
75	Species richness correlates of raw and standardized co-occurrence metrics. *Global Ecology and Biogeography*, **2018**, 27, 395-399	6.1	22
74	A framework for evaluating the influence of climate, dispersal limitation, and biotic interactions using fossil pollen associations across the late Quaternary. *Ecography*, **2014**, n/a-n/a	6.5	21
73	Hydrology and Geostatistics of a Vermont, USA Kettlehole Peatland. *Journal of Hydrology*, **2005**, 301, 250-266	6	21
72	Heat tolerance predicts the importance of species interaction effects as the climate changes. *Integrative and Comparative Biology*, **2017**, 57, 112-120	2.8	20
71	A global database of ant species abundances. *Ecology*, **2017**, 98, 883-884	4.6	20
70	Reorganization of surviving mammal communities after the end-Pleistocene megafaunal extinction. *Science*, **2019**, 365, 1305-1308	33.3	20

69	Using historical and experimental data to reveal warming effects on ant assemblages. *PLoS ONE*, **2014**, 9, e88029	3.7	20
68	Effects of desiccation and starvation on thermal tolerance and the heat-shock response in forest ants. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2017**, 187, 1107-1116	2.2	19
67	Effects of climate, species interactions, and dispersal on decadal colonization and extinction rates of Iberian tree species. *Ecological Modelling*, **2015**, 309-310, 118-127	3	19
66	Specimen-based modeling, stopping rules, and the extinction of the Ivory-billed Woodpecker. *Conservation Biology*, **2012**, 26, 47-56	6	19
65	Canopy and litter ant assemblages share similar climate-species density relationships. *Biology Letters*, **2010**, 6, 769-72	3.6	19
64	Caddisfly diapause aggregations facilitate benthic invertebrate colonization. *Journal of Animal Ecology*, **2003**, 72, 1015-1026	4.7	19
63	Geographic variation in nutrient availability, stoichiometry, and metal concentrations of plants and pore-water in ombrotrophic bogs in New England, USA. *Wetlands*, **2008**, 28, 827-840	1.7	18
62	Isolation by distance, not rivers, control the distribution of termite species in the Amazonian rain forest. *Ecography*, **2017**, 40, 1242-1250	6.5	17
61	Modulation of the heat shock response is associated with acclimation to novel temperatures but not adaptation to climatic variation in the ants Aphaenogaster picea and A. rudis. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2017**, 204, 113-120	2.6	16
60	Water quality improvements offset the climatic debt for stream macroinvertebrates over twenty years. *Nature Communications*, **2019**, 10, 1956	17.4	16
59	Functional traits and environmental characteristics drive the degree of competitive intransitivity in European saltmarsh plant communities. *Journal of Ecology*, **2018**, 106, 865-876	6	16
58	Null model tests for niche conservatism, phylogenetic assortment and habitat filtering. *Methods in Ecology and Evolution*, **2012**, 3, 930-939	7.7	16
57	Does species richness drive speciation? A reassessment with the Hawaiian biota. *Ecography*, **2008**, 31, 279-285	6.5	16
56	A stochastic model for landscape patterns of biodiversity. *Ecological Monographs*, **2016**, 86, 462-479	9	16
55	Thermal reactionomes reveal divergent responses to thermal extremes in warm and cool-climate ant species. *BMC Genomics*, **2016**, 17, 171	4.5	15
54	Are range-size distributions consistent with species-level heritability?. *Evolution; International Journal of Organic Evolution*, **2012**, 66, 2216-26	3.8	15
53	ECOLOGY:How Do Communities Come Together?. *Science*, **1999**, 286, 1684a-1685	33.3	15
52	Intra- and intersexual selection on male body size are complimentary in the fathead minnow (Pimephales promelas). *Behaviour*, **2007**, 144, 1065-1086	1.4	14

51	Bi-dimensional null model analysis of presence-absence binary matrices. *Ecology*, **2018**, 99, 103-115	4.6	12
50	Over-reporting bias in null model analysis: A response to Fayle and Manica (2010). *Ecological Modelling*, **2011**, 222, 1337-1339	3	12
49	Temporal Overlap and Co-Occurrence in a Guild of Sub-Tropical Tephritid Fruit Flies. *PLoS ONE*, **2015**, 10, e0132124	3.7	11
48	The effects of climate change on density-dependent population dynamics of aquatic invertebrates. *Oikos*, **2011**, 120, 1227-1234	4	11
47	Effects of neutrality, geometric constraints, climate, and habitat quality on species richness and composition of Atlantic Forest small-mammals. *Global Ecology and Biogeography*, **2015**, 24, 1084-1093	6.1	10
46	Investigating Biotic Interactions in Deep Time. *Trends in Ecology and Evolution*, **2021**, 36, 61-75	10.9	10
45	Limited role of character displacement in the coexistence of congeneric Anelosimus spiders in a Madagascan montane forest. *Ecography*, **2016**, 39, 743-753	6.5	9
44	Deciphering the enigma of undetected species, phylogenetic, and functional diversity based on Good-Turing theory. *Ecology*, **2017**, 98, 2914-2929	4.6	9
43	Environmental proteomics reveals taxonomic and functional changes in an enriched aquatic ecosystem. *Ecosphere*, **2017**, 8, e01954	3.1	9
42	Predicting community structure of ground-foraging ant assemblages with Markov models of behavioral dominance. *Oecologia*, **2011**, 166, 207-19	2.9	9
41	Mediterranean marine protected areas have higher biodiversity via increased evenness, not abundance. *Journal of Applied Ecology*, **2020**, 57, 578-589	5.8	8
40	Trade-Offs in Cold Resistance at the Northern Range Edge of the Common Woodland Ant (Formicidae). *American Naturalist*, **2019**, 194, E151-E163	3.7	8
39	Association of Ant Predators and Edaphic Conditions with Termite Diversity in an Amazonian Rain Forest. *Biotropica*, **2016**, 48, 237-245	2.3	7
38	Regime shifts and hysteresis in the pitcher-plant microecosystem. *Ecological Modelling*, **2018**, 382, 1-8	3	7
37	Proportional mixture of two rarefaction/extrapolation curves to forecast biodiversity changes under landscape transformation. *Ecology Letters*, **2019**, 22, 1913-1922	10	7
36	Overlooked local biodiversity loss--response. *Science*, **2014**, 344, 1098-9	33.3	7
35	Influence of fire on a rare serpentine plant assemblage: a 5-year study of Darlingtonia fens. *American Journal of Botany*, **2011**, 98, 801-11	2.7	6
34	Comment on "Plant species richness and ecosystem multifunctionality in global drylands". *Science*, **2012**, 337, 155; author reply 155	33.3	6

33	Environment-host-microbial interactions shape the Sarracenia purpurea microbiome at the continental scale. *Ecology*, **2021**, 102, e03308	4.6	5
32	A multiscale framework for disentangling the roles of evenness, density, and aggregation on diversity gradients. *Ecology*, **2021**, 102, e03233	4.6	5
31	NULL MODEL ANALYSIS OF SPECIES CO-OCCURRENCE PATTERNS **2000**, 81, 2606		4
30	Abundance of spring- and winter-active arthropods declines with warming. *Ecosphere*, **2021**, 12, e03473	3.1	4
29	Estimating species relative abundances from museum records. *Methods in Ecology and Evolution*,	7.7	3
28	Kernel Intensity Estimation of 2-Dimensional Spatial Poisson Point Processes From k-Tree Sampling. *Journal of Agricultural, Biological, and Environmental Statistics*, **2014**, 19, 357-372	1.9	2
27	Proteomic characterization of the major arthropod associates of the carnivorous pitcher plant Sarracenia purpurea. *Proteomics*, **2011**, 11, 2354-8	4.8	2
26	Local- to continental-scale variation in the richness and composition of an aquatic food web. *Global Ecology and Biogeography*, **2010**, 19, no-no	6.1	2
25	Embracing scale-dependence to achieve a deeper understanding of biodiversity and its change across communities		2
24	MoB (Measurement of Biodiversity): a method to separate the scale-dependent effects of species abundance distribution, density, and aggregation on diversity change		2
23	Regulation by the Pitcher Plant Sarracenia purpurea of the Structure of its Inquiline Food Web. *American Midland Naturalist*, **2021**, 186,	0.7	2
22	Clockwise and counterclockwise hysteresis characterize state changes in the same aquatic ecosystem. *Ecology Letters*, **2021**, 24, 94-101	10	2
21	Lyons et al. reply. *Nature*, **2016**, 538, E3-E4	50.4	1
20	Predicting Species Occurrences: Issues of Accuracy and Scale. *Auk*, **2003**, 120, 1199	2.1	1
19	Random placement models explain species richness and dissimilarity of frog assemblages within Atlantic Forest fragments.. *Journal of Animal Ecology*, **2022**,	4.7	1
18	Draft genomes expand our view of ant genome size variation across climate gradients. *PeerJ*, **2019**, 7, e6447	3.1	1
17	Regime shifts and hysteresis in the pitcher-plant microecosystem		1
16	Spatial turnover of multiple ecosystem functions is more associated with plant than soil microbial diversity. *Ecosphere*, **2021**, 12, e03644	3.1	1

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15	Ecological drift and competitive interactions predict unique patterns in temporal fluctuations of population size. *Ecology*, **2019**, 100, e02623	4.6	1
14	Body mass-related changes in mammal community assembly patterns during the late Quaternary of North America. *Ecography*, **2021**, 44, 56-66	6.5	1
13	Using Climatic Credits to Pay the Climatic Debt. *Trends in Ecology and Evolution*, **2021**, 36, 104-112	10.9	1
12	Using coverage-based rarefaction to infer non-random species distributions. *Ecosphere*, **2021**, 12, e03745	3.1	1
11	Source-sink behavioural dynamics limit institutional evolution in a group-structured society.. *Royal Society Open Science*, **2022**, 9, 211743	3.3	1
10	Long-term changes in temperate marine fish assemblages are driven by a small subset of species. *Global Change Biology*, **2022**, 28, 46-53	11.4	0
9	The influence of aboveground and belowground species composition on spatial turnover in nutrient pools in alpine grasslands. *Global Ecology and Biogeography*, **2022**, 31, 486-500	6.1	0
8	Elizabeth J. Farnsworth (1962–2017). *Bulletin of the Ecological Society of America*, **2018**, 99, 52-53	0.7	
7	Lyons et al. reply. *Nature*, **2016**, 537, E5-6	50.4	
6	Patterns of Co-Occurrence of Plant and Mammal Species Across Critical Intervals. *The Paleontological Society Special Publications*, **2014**, 13, 53-54		
5	Macroecology. *Condor*, **1996**, 98, 669-670	2.1	
4	Predicting Species Occurrences: Issues of Accuracy and Scale. *Auk*, **2003**, 120, 1199-1200	2.1	
3	Importance of a Large-Scale Perspective. *Conservation Biology*, **1995**, 9, 469-470	6	
2	Does species richness drive speciation? A reassessment with the Hawaiian biota. *Ecography*, **2008**, 080304020349105-0	6.9	
1	Checkerboards and Missing Species Combinations: Are Ecological Communities Assembled by Chance?. *Chance*, **2016**, 29, 38-45	1	