

Robert P. Freckleton

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174
papers

16,047
citations

62
h-index

125
g-index

188
ext. papers

18,437
ext. citations

7.7
avg, IF

6.9
L-index

#	Paper	IF	Citations
174	Phylogenetic analysis and comparative data: a test and review of evidence. <i>American Naturalist</i> , 2002 , 160, 712-26	3.7	1895
173	Why do we still use stepwise modelling in ecology and behaviour?. <i>Journal of Animal Ecology</i> , 2006 , 75, 1182-9	4.7	977
172	The origins of C4 grasslands: integrating evolutionary and ecosystem science. <i>Science</i> , 2010 , 328, 587-91	33.3	698
171	The role of ecological theory in microbial ecology. <i>Nature Reviews Microbiology</i> , 2007 , 5, 384-92	22.2	643
170	Biodiversity and Resilience of Ecosystem Functions. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 673-684	10.9	608
169	Identification of 100 fundamental ecological questions. <i>Journal of Ecology</i> , 2013 , 101, 58-67	6	445
168	Pathogens and insect herbivores drive rainforest plant diversity and composition. <i>Nature</i> , 2014 , 506, 85-8	50.4	409
167	The identification of 100 ecological questions of high policy relevance in the UK. <i>Journal of Applied Ecology</i> , 2006 , 43, 617-627	5.8	351
166	On the misuse of residuals in ecology: regression of residuals vs. multiple regression. <i>Journal of Animal Ecology</i> , 2002 , 71, 542-545	4.7	341
165	Coral reef cascades and the indirect effects of predator removal by exploitation. <i>Ecology Letters</i> , 2004 , 7, 410-416	10	317
164	Plant pathogens drive density-dependent seedling mortality in a tropical tree. <i>Ecology Letters</i> , 2006 , 9, 569-74	10	309
163	Large-scale spatial dynamics of plants: metapopulations, regional ensembles and patchy populations. <i>Journal of Ecology</i> , 2002 , 90, 419-434	6	265
162	The seven deadly sins of comparative analysis. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 1367-75	2.3	228
161	Dealing with collinearity in behavioural and ecological data: model averaging and the problems of measurement error. <i>Behavioral Ecology and Sociobiology</i> , 2011 , 65, 91-101	2.5	225
160	Declines in the numbers of amateur and professional taxonomists: implications for conservation. <i>Animal Conservation</i> , 2002 , 5, 245-249	3.2	214
159	Missing inaction: the dangers of ignoring missing data. <i>Trends in Ecology and Evolution</i> , 2008 , 23, 592-6	10.9	213
158	Census error and the detection of density dependence. <i>Journal of Animal Ecology</i> , 2006 , 75, 837-51	4.7	211

157	Demographic threats to the sustainability of Brazil nut exploitation. <i>Science</i> , 2003 , 302, 2112-4	33.3	201
156	Sexual selection explains Rensch's rule of size dimorphism in shorebirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 12224-7	11.5	193
155	Evolutionary transitions in parental care and live bearing in vertebrates. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002 , 357, 269-81	5.8	179
154	Unraveling the life history of successful invaders. <i>Science</i> , 2012 , 337, 580-3	33.3	175
153	Predictions of biodiversity response to genetically modified herbicide-tolerant crops. <i>Science</i> , 2000 , 289, 1554-7	33.3	168
152	Model averaging, missing data and multiple imputation: a case study for behavioural ecology. <i>Behavioral Ecology and Sociobiology</i> , 2011 , 65, 103-116	2.5	165
151	A cautionary note on the use of Ornstein Uhlenbeck models in macroevolutionary studies. <i>Biological Journal of the Linnean Society</i> , 2016 , 118, 64-77	1.9	157
150	Testing the Janzen-Connell mechanism: pathogens cause overcompensating density dependence in a tropical tree. <i>Ecology Letters</i> , 2010 , 13, 1262-9	10	151
149	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	4.4	151
148	Habitat selection by yellowhammers <i>Emberiza citrinella</i> on lowland farmland at two spatial scales: implications for conservation management. <i>Journal of Applied Ecology</i> , 2005 , 42, 270-280	5.8	150
147	Relative testis size and sperm morphometry across mammals: no evidence for an association between sperm competition and sperm length. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 625-32	4.4	149
146	Should conservation strategies consider spatial generality? Farmland birds show regional not national patterns of habitat association. <i>Ecology Letters</i> , 2007 , 10, 25-35	10	145
145	Ecology predicts large-scale patterns of phylogenetic diversification in birds. <i>American Naturalist</i> , 2006 , 168, 220-9	3.7	132
144	Detecting non-Brownian trait evolution in adaptive radiations. <i>PLoS Biology</i> , 2006 , 4, e373	9.7	130
143	Phylogenetic comparative approaches for studying niche conservatism. <i>Journal of Evolutionary Biology</i> , 2010 , 23, 2529-39	2.3	129
142	Bergmann's rule and body size in mammals. <i>American Naturalist</i> , 2003 , 161, 821-5	3.7	129
141	Phenotypic plasticity in the scaling of avian basal metabolic rate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 931-7	4.4	128
140	Pathogens, density dependence and the coexistence of tropical trees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 2909-16	4.4	126

139	Ecological selection pressures for C4 photosynthesis in the grasses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 1753-60	4.4	123
138	Asymmetric competition between plant species. <i>Functional Ecology</i> , 2001 , 15, 615-623	5.6	122
137	Phylogenetic evidence for deleterious mutation load in RNA viruses and its contribution to viral evolution. <i>Molecular Biology and Evolution</i> , 2007 , 24, 845-52	8.3	119
136	MOTMOT: models of trait macroevolution on trees. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 145-151	7.7	118
135	Niches versus neutrality: uncovering the drivers of diversity in a species-rich community. <i>Ecology Letters</i> , 2009 , 12, 1079-90	10	113
134	Comparative analyses of the influence of developmental mode on phenotypic diversification rates in shorebirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 1619-24	4.4	112
133	Future novel threats and opportunities facing UK biodiversity identified by horizon scanning. <i>Journal of Applied Ecology</i> , 2007 , 45, 821-833	5.8	106
132	The evolution of sex roles in birds is related to adult sex ratio. <i>Nature Communications</i> , 2013 , 4, 1587	17.4	105
131	Phylogenetic conservatism of environmental niches in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 2384-91	4.4	105
130	Predicting the impacts of harvesting using structured population models: the importance of density-dependence and timing of harvest for a tropical palm tree. <i>Journal of Applied Ecology</i> , 2003 , 40, 846-858	5.8	92
129	Constant Final Yield. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2010 , 41, 173-192	13.5	87
128	Only half right: species with female-biased sexual size dimorphism consistently break Rensch's rule. <i>PLoS ONE</i> , 2007 , 2, e897	3.7	82
127	THE ROLE OF DENSITY DEPENDENCE IN THE POPULATION DYNAMICS OF A TROPICAL PALM. <i>Ecology</i> , 1999 , 80, 2635-2650	4.6	82
126	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	5.8	78
125	Measuring the importance of competition in plant communities. <i>Journal of Ecology</i> , 2009 , 97, 379-384	6	78
124	Large-scale population dynamics, abundance-occupancy relationships and the scaling from local to regional population size. <i>Journal of Animal Ecology</i> , 2005 , 74, 353-364	4.7	77
123	Environment, migratory tendency, phylogeny and basal metabolic rate in birds. <i>PLoS ONE</i> , 2008 , 3, e32613	3.7	76
122	Phylogenetic tests of ecological and evolutionary hypotheses: checking for phylogenetic independence. <i>Functional Ecology</i> , 2000 , 14, 129-134	5.6	76

121	Predicting competition coefficients for plant mixtures: reciprocity, transitivity and correlations with life-history traits. <i>Ecology Letters</i> , 2001 , 4, 348-357	10	74
120	Sex-biased survival predicts adult sex ratio variation in wild birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140342	4.4	72
119	Phylogenetic and Trait-Based Prediction of Extinction Risk for Data-Deficient Amphibians. <i>Current Biology</i> , 2019 , 29, 1557-1563.e3	6.3	68
118	Fast likelihood calculations for comparative analyses. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 940-947.7		68
117	Comparative methods as a statistical fix: the dangers of ignoring an evolutionary model. <i>American Naturalist</i> , 2011 , 178, E10-7	3.7	68
116	Testing the roles of competition, facilitation and stochasticity on community structure in a species-rich assemblage. <i>Journal of Ecology</i> , 2014 , 102, 74-85	6	66
115	Divorce and infidelity are associated with skewed adult sex ratios in birds. <i>Current Biology</i> , 2014 , 24, 880-883	4.3	65
114	Can phylogenetics identify C(4) origins and reversals?. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 403-9	10.9	63
113	Relating traits to diversification: a simple test. <i>American Naturalist</i> , 2008 , 172, 102-15	3.7	63
112	How to quantify competitive ability. <i>Journal of Ecology</i> , 2018 , 106, 1902-1909	6	62
111	Parental conflict in birds: comparative analyses of offspring development, ecology and mating opportunities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 301-7	4.4	62
110	Distributions of habitat suitability and the abundance-occupancy relationship. <i>American Naturalist</i> , 2006 , 167, 260-75	3.7	62
109	Predicting the response of farmland bird populations to changing food supplies. <i>Journal of Applied Ecology</i> , 2003 , 40, 970-983	5.8	61
108	Designs for greenhouse studies of interactions between plants: an analytical perspective. <i>Journal of Ecology</i> , 2000 , 88, 386-391	6	60
107	The factors driving evolved herbicide resistance at a national scale. <i>Nature Ecology and Evolution</i> , 2018 , 2, 529-536	12.3	59
106	Abundance-occupancy dynamics in a human dominated environment: linking interspecific and intraspecific trends in British farmland and woodland birds. <i>Journal of Animal Ecology</i> , 2007 , 76, 123-34	4.7	56
105	C4 photosynthesis boosts growth by altering physiology, allocation and size. <i>Nature Plants</i> , 2016 , 2, 16038.5	3.5	52
104	The problems of prediction and scale in applied ecology: the example of fire as a management tool. <i>Journal of Applied Ecology</i> , 2004 , 41, 599-603	5.8	51

103	Does double-blind review benefit female authors?. <i>Trends in Ecology and Evolution</i> , 2008 , 23, 351-3; author reply 353-4	10.9	50
102	Biogeographical basis of recent phenotypic divergence among birds: a global study of subspecies richness. <i>Evolution; International Journal of Organic Evolution</i> , 2007 , 61, 942-57	3.8	48
101	Are all plant populations metapopulations?. <i>Journal of Ecology</i> , 2003 , 91, 321-324	6	48
100	Quantifying the Impact of Arbuscular Mycorrhiza on Plant Competition. <i>Journal of Ecology</i> , 1997 , 85, 541	6	47
99	Nonmanipulative determination of plant community dynamics. <i>Trends in Ecology and Evolution</i> , 2001 , 16, 301-307	10.9	47
98	Are weed population dynamics chaotic?. <i>Journal of Applied Ecology</i> , 2002 , 39, 699-707	5.8	46
97	Population dynamics of <i>Vulpia ciliata</i> : regional, patch and local dynamics. <i>Journal of Ecology</i> , 2000 , 88, 1012-1029	6	46
96	Understanding the role of species dynamics in abundance-occupancy relationships. <i>Journal of Ecology</i> , 2010 , 98, 645-658	6	45
95	The evolution of parental cooperation in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13603-8	11.5	44
94	Consequences of changing rainfall for fungal pathogen-induced mortality in tropical tree seedlings. <i>Ecology and Evolution</i> , 2012 , 2, 1408-13	2.8	43
93	Making predictive ecology more relevant to policy makers and practitioners. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 322-30	5.8	43
92	Global pattern of nest predation is disrupted by climate change in shorebirds. <i>Science</i> , 2018 , 362, 680-683	3.3	42
91	Climate change mitigation: potential benefits and pitfalls of enhanced rock weathering in tropical agriculture. <i>Biology Letters</i> , 2017 , 13,	3.6	40
90	Integrating socio-economics and ecology: a taxonomy of quantitative methods and a review of their use in agro-ecology. <i>Journal of Applied Ecology</i> , 2009 , 46, 269-277	5.8	39
89	Phylogenetic constraints and trait correlates of flowering phenology in the angiosperm flora of China. <i>Global Ecology and Biogeography</i> , 2015 , 24, 928-938	6.1	38
88	Trait Evolution in Adaptive Radiations: Modeling and Measuring Interspecific Competition on Phylogenies. <i>American Naturalist</i> , 2017 , 189, 121-137	3.7	37
87	Predictive models of weed population dynamics. <i>Weed Research</i> , 2009 , 49, 225-232	1.9	35
86	Mechanisms driving an unusual latitudinal diversity gradient for grasses. <i>Global Ecology and Biogeography</i> , 2014 , 23, 61-75	6.1	34

85	Seed mass, abundance and breeding system among tropical forest species: do dioecious species exhibit compensatory reproduction or abundances?. <i>Journal of Ecology</i> , 2009 , 97, 555-566	6	34
84	Defining and delivering resilient ecological networks: Nature conservation in England. <i>Journal of Applied Ecology</i> , 2018 , 55, 2537-2543	5.8	34
83	Links between plant species spatial and temporal responses to a warming climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20133017	4.4	33
82	Phylogenetic niche conservatism in C4 grasses. <i>Oecologia</i> , 2012 , 170, 835-45	2.9	33
81	What use is an infertile sperm? A comparative study of sperm-heteromorphic <i>Drosophila</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 374-85	3.8	33
80	Variation in helper effort among cooperatively breeding bird species is consistent with Hamilton's Rule. <i>Nature Communications</i> , 2016 , 7, 12663	17.4	33
79	An objective, niche-based approach to indicator species selection. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 317-326	7.7	32
78	What Do We Need to Know to Enhance the Environmental Sustainability of Agricultural Production? A Prioritisation of Knowledge Needs for the UK Food System. <i>Sustainability</i> , 2013 , 5, 3095-3115	3.6	32
77	Sex differences in parental care: Gametic investment, sexual selection, and social environment. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 2862-75	3.8	31
76	Environmental factors determining the phylogenetic structure of C4 grass communities. <i>Journal of Biogeography</i> , 2012 , 39, 232-246	4.1	31
75	Yield of sugar beet in relation to weather and nutrients. <i>Agricultural and Forest Meteorology</i> , 1999 , 93, 39-51	5.8	31
74	Evaluating the potential of Unmanned Aerial Systems for mapping weeds at field scales: a case study with. <i>Weed Research</i> , 2018 , 58, 35-45	1.9	31
73	Determinants of the abundance of invasive annual weeds: community structure and non-equilibrium dynamics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 1153-61	4.4	29
72	Parental care and the evolution of terrestriality in frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182737	4.4	28
71	The costs of human-induced evolution in an agricultural system. <i>Nature Sustainability</i> , 2020 , 3, 63-71	22.1	28
70	Megacycles of atmospheric carbon dioxide concentration correlate with fossil plant genome size. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 556-64	5.8	26
69	Habitat associations of British breeding farmland birds. <i>Bird Study</i> , 2009 , 56, 43-52	0.7	26
68	UNUSUAL SPERM MORPHOLOGY IN THE EURASIAN BULLFINCH (<i>PYRRHULA PYRRHULA</i>). <i>Auk</i> , 2006 , 123, 383	2.1	26

67	Thermally buffered microhabitats recovery in tropical secondary forests following land abandonment. <i>Biological Conservation</i> , 2016 , 201, 385-395	6.2	25
66	Testing for enemy-mediated density-dependence in the mortality of seedlings: field experiments with five Neotropical tree species. <i>Oikos</i> , 2014 , 123, 185-193	4	25
65	Overfishing and habitat loss drive range contraction of iconic marine fishes to near extinction. <i>Science Advances</i> , 2021 , 7,	14.3	25
64	Changes in the large-scale distribution of plants: extinction, colonisation and the effects of climate. <i>Journal of Ecology</i> , 2012 , 100, 519-529	6	24
63	Modelling the effects of management on population dynamics: some lessons from annual weeds. <i>Journal of Applied Ecology</i> , 2008 , 45, 1050-1058	5.8	24
62	Density-structured models for plant population dynamics. <i>American Naturalist</i> , 2011 , 177, 1-17	3.7	23
61	Why care? Inferring the evolution of complex social behaviour. <i>Journal of Evolutionary Biology</i> , 2013 , 26, 1381-91	2.3	22
60	The Role of Density Dependence in the Population Dynamics of a Tropical Palm. <i>Ecology</i> , 1999 , 80, 2635-4.6	4.6	22
59	Evolution of generalist resistance to herbicide mixtures reveals a trade-off in resistance management. <i>Nature Communications</i> , 2020 , 11, 3086	17.4	21
58	Agricultural Weed Research: A Critique and Two Proposals. <i>Weed Science</i> , 2014 , 62, 672-678	2	21
57	Rarity, life history and scaling of the dynamics in time and space of British birds. <i>Journal of Animal Ecology</i> , 2011 , 80, 215-24	4.7	21
56	Evolutionary epidemiology predicts the emergence of glyphosate resistance in a major agricultural weed. <i>New Phytologist</i> , 2019 , 223, 1584-1594	9.8	20
55	Ecology. Deciding the future of GM crops in Europe. <i>Science</i> , 2003 , 302, 994-6	33.3	20
54	Ecology. Population dynamics: growing to extremes. <i>Science</i> , 2005 , 309, 567-8	33.3	20
53	Biological control as a learning process. <i>Trends in Ecology and Evolution</i> , 2000 , 15, 263-264	10.9	20
52	Assessing the role of competition and stress: a critique of importance indices and the development of a new approach. <i>Journal of Ecology</i> , 2012 , 100, 577-585	6	19
51	Spatial and temporal variability in positive and negative plant-bryophyte interactions along a latitudinal gradient. <i>Journal of Ecology</i> , 2013 , 101, 465-474	6	18
50	From meso- to macroscale population dynamics: a new density-structured approach. <i>Methods in Ecology and Evolution</i> , 2011 , 2, 289-302	7.7	18

49	Honesty and cheating in cleaning symbioses: evolutionarily stable strategies defined by variable pay-offs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 299-305	4.4	18
48	Amelioration of biodiversity impacts of genetically modified crops: predicting transient versus long-term effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271, 325-31	4.4	18
47	European mushroom assemblages are darker in cold climates. <i>Nature Communications</i> , 2019 , 10, 2890	17.4	16
46	Critical parameters for predicting population fluctuations of some British passerines. <i>Journal of Animal Ecology</i> , 2009 , 78, 1063-75	4.7	16
45	Characterizing abundance-occupancy relationships: there is no artefact. <i>Global Ecology and Biogeography</i> , 2012 , 21, 952-957	6.1	15
44	Who cares? Quantifying the evolution of division of parental effort. <i>Methods in Ecology and Evolution</i> , 2010 , 1, 221-230	7.7	15
43	Small-scale and regional spatial dynamics of an annual plant with contrasting sexual systems. <i>Journal of Ecology</i> , 2017 , 105, 1044-1057	6	13
42	Hospital waiting-lists. Do power laws imply self-regulation?. <i>Nature</i> , 2001 , 413, 382	50.4	13
41	Measuring the effectiveness of management interventions at regional scales by integrating ecological monitoring and modelling. <i>Pest Management Science</i> , 2018 , 74, 2287-2295	4.6	12
40	Are parental care trade-offs in shorebirds driven by parental investment or sexual selection?. <i>Journal of Evolutionary Biology</i> , 2009 , 22, 672-82	2.3	12
39	Sex-biased breeding dispersal is predicted by social environment in birds. <i>Ecology and Evolution</i> , 2018 , 8, 6483-6491	2.8	12
38	Sex Allocation Patterns across Cooperatively Breeding Birds Do Not Support Predictions of the Repayment Hypothesis. <i>American Naturalist</i> , 2017 , 190, 547-556	3.7	11
37	Interspecific differences in stochastic population dynamics explains variation in Taylor's temporal power law. <i>Oikos</i> , 2013 , 122, 1207-1216	4	10
36	The changing face of applied ecology. <i>Journal of Applied Ecology</i> , 2005 , 42, 1-3	5.8	10
35	The circular nature of recurrent life cycle events: a test comparing tropical and temperate phenology. <i>Journal of Ecology</i> , 2020 , 108, 393-404	6	10
34	C4 photosynthesis and the economic spectra of leaf and root traits independently influence growth rates in grasses. <i>Journal of Ecology</i> , 2020 , 108, 1899-1909	6	8
33	Comparative analysis of experimental data. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 1308-1321	7.7	6
32	Identifying the effect of density dependence, agricultural practices and climate variables on the long-term dynamics of weed populations. <i>Weed Research</i> , 2014 , 54, 556-564	1.9	6

31	Thermal tolerance and the importance of microhabitats for Andean frogs in the context of land use and climate change. <i>Journal of Animal Ecology</i> , 2020 , 89, 2451-2460	4.7	6
30	Uncovering the spatio-temporal drivers of species trait variances: a case study of Magnoliaceae in China. <i>Journal of Biogeography</i> , 2016 , 43, 1179-1191	4.1	6
29	Complex Relationships between Competing Guilds along Large-Scale Environmental Gradients. <i>American Naturalist</i> , 2017 , 189, 407-421	3.7	5
28	Testing the ability of unmanned aerial systems and machine learning to map weeds at subfield scales: a test with the weed <i>Alopecurus myosuroides</i> (Huds). <i>Pest Management Science</i> , 2019 , 75, 2283-2294	4.6	5
27	Problems formalising the concept of importance in ecology. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 498-9; author reply 499-500	10.9	5
26	Response to Comment on "Global pattern of nest predation is disrupted by climate change in shorebirds". <i>Science</i> , 2019 , 364,	33.3	4
25	Limited contributions of plant pathogens to density-dependent seedling mortality of mast fruiting Bornean trees. <i>Ecology and Evolution</i> , 2020 , 10, 13154-13164	2.8	4
24	Mapping the drivers of parasitic weed abundance at a national scale: a new approach applied to <i>Striga asiatica</i> in the mid-west of Madagascar. <i>Weed Research</i> , 2020 , 60, 323-333	1.9	4
23	Asking the Wrong Question in Explaining Tropical Diversity. <i>Trends in Ecology and Evolution</i> , 2021 , 36, 482-484	10.9	4
22	Comparing Life Histories across Taxonomic Groups in Multiple Dimensions: How Mammal-Like Are Insects?. <i>American Naturalist</i> , 2020 , 195, 70-81	3.7	4
21	Animal migration to northern latitudes: environmental changes and increasing threats. <i>Trends in Ecology and Evolution</i> , 2021 ,	10.9	4
20	Recent advances in comparative methods	110-126	3
19	Do in-hospital waiting lists show self-regulation?. <i>Journal of the Royal Society of Medicine</i> , 2002 , 95, 164	2.3	3
18	Evolution of large males is associated with female-skewed adult sex ratios in amniotes. <i>Evolution; International Journal of Organic Evolution</i> , 2021 , 75, 1636-1649	3.8	3
17	Climate and mating systems as drivers of global diversity of parental care in frogs. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1373-1386	6.1	2
16	Comment on "Bateman in nature: predation on offspring reduces the potential for sexual selection". <i>Science</i> , 2013 , 340, 549	33.3	2
15	Chaotic mating systems. <i>Trends in Ecology and Evolution</i> , 2002 , 17, 493-495	10.9	2
14	Characterizing the environmental drivers of the abundance and distribution of <i>Alopecurus myosuroides</i> on a national scale. <i>Pest Management Science</i> , 2021 , 77, 2726-2736	4.6	2

13	Removing climbers more than doubles tree growth and biomass in degraded tropical forests.. <i>Ecology and Evolution</i> , 2022 , 12, e8758	2.8	2
12	Phylogeny and ecological processes influence grass coexistence at different spatial scales within the steppe biome. <i>Oecologia</i> , 2019 , 191, 25-38	2.9	1
11	Estimating the farm-level economic costs of spring cropping to manage <i>Alopecurus myosuroides</i> (black-grass) in UK agriculture. <i>Journal of Agricultural Science</i> , 2019 , 157, 318-332	1	1
10	Empirical Test of an Agricultural Landscape Model: The Importance of Farmer Preference for Risk Aversion and Crop Complexity. <i>SAGE Open</i> , 2013 , 3, 215824401348649	1.5	1
9	Symposium on immunization. Federal government programs in immunization. <i>Archives of Environmental Health</i> , 1967 , 15, 512-4		1
8	Developing hierarchical density-structured models to study the national-scale dynamics of an arable weed. <i>Ecological Monographs</i> , 2021 , 91, e01449	9	1
7	Degree of anisogamy is unrelated to the intensity of sexual selection. <i>Scientific Reports</i> , 2021 , 11, 19424	4.9	1
6	Identifying existing management practices in the control of within rice-maize systems in mid-west Madagascar. <i>Ecology and Evolution</i> , 2021 , 11, 13579-13592	2.8	1
5	Effects of density, species interactions, and environmental stochasticity on the dynamics of British bird communities.. <i>Ecology</i> , 2022 , e3731	4.6	1
4	Are evolutionary transitions in sexual size dimorphism related to sex determination in reptiles?. <i>Journal of Evolutionary Biology</i> , 2021 , 34, 594-603	2.3	0
3	Drought exposure leads to rapid acquisition and inheritance of herbicide resistance in the weed .. <i>Ecology and Evolution</i> , 2022 , 12, e8563	2.8	0
2	Conservation decisions in the face of uncertainty 2020 , 183-195		
1	Special feature: 5th anniversary of <i>Methods in Ecology and Evolution</i> . <i>Methods in Ecology and Evolution</i> , 2016 , 7, 634-635	7.7	