

# Robert P. Freckleton

## 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.

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	Drought exposure leads to rapid acquisition and inheritance of herbicide resistance in the weed .. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8563	2.8	0
173	Removing climbers more than doubles tree growth and biomass in degraded tropical forests.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8758	2.8	2
172	Effects of density, species interactions, and environmental stochasticity on the dynamics of British bird communities.. <i>Ecology</i> , <b>2022</b> , e3731	4.6	1
171	Are evolutionary transitions in sexual size dimorphism related to sex determination in reptiles?. <i>Journal of Evolutionary Biology</i> , <b>2021</b> , 34, 594-603	2.3	0
170	Asking the Wrong Question in Explaining Tropical Diversity. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 482-484	10.9	4
169	Evolution of large males is associated with female-skewed adult sex ratios in amniotes. <i>Evolution; International Journal of Organic Evolution</i> , <b>2021</b> , 75, 1636-1649	3.8	3
168	Characterizing the environmental drivers of the abundance and distribution of <i>Alopecurus myosuroides</i> on a national scale. <i>Pest Management Science</i> , <b>2021</b> , 77, 2726-2736	4.6	2
167	Overfishing and habitat loss drive range contraction of iconic marine fishes to near extinction. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	25
166	Developing hierarchical density-structured models to study the national-scale dynamics of an arable weed. <i>Ecological Monographs</i> , <b>2021</b> , 91, e01449	9	1
165	Animal migration to northern latitudes: environmental changes and increasing threats. <i>Trends in Ecology and Evolution</i> , <b>2021</b> ,	10.9	4
164	Degree of anisogamy is unrelated to the intensity of sexual selection. <i>Scientific Reports</i> , <b>2021</b> , 11, 19424	4.9	1
163	Identifying existing management practices in the control of within rice-maize systems in mid-west Madagascar. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 13579-13592	2.8	1
162	Limited contributions of plant pathogens to density-dependent seedling mortality of mast fruiting Bornean trees. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 13154-13164	2.8	4
161	Climate and mating systems as drivers of global diversity of parental care in frogs. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 1373-1386	6.1	2
160	C4 photosynthesis and the economic spectra of leaf and root traits independently influence growth rates in grasses. <i>Journal of Ecology</i> , <b>2020</b> , 108, 1899-1909	6	8
159	Evolution of generalist resistance to herbicide mixtures reveals a trade-off in resistance management. <i>Nature Communications</i> , <b>2020</b> , 11, 3086	17.4	21
158	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> , <b>2020</b> , 60, 323-333	1.9	4

157 Conservation decisions in the face of uncertainty **2020**, 183-195

156 The costs of human-induced evolution in an agricultural system. *Nature Sustainability*, **2020**, 3, 63-71 22.1 28

155 Thermal tolerance and the importance of microhabitats for Andean frogs in the context of land use and climate change. *Journal of Animal Ecology*, **2020**, 89, 2451-2460 4.7 6

154 Comparing Life Histories across Taxonomic Groups in Multiple Dimensions: How Mammal-Like Are Insects?. *American Naturalist*, **2020**, 195, 70-81 3.7 4

153 The circular nature of recurrent life cycle events: a test comparing tropical and temperate phenology. *Journal of Ecology*, **2020**, 108, 393-404 6 10

152 Response to Comment on "Global pattern of nest predation is disrupted by climate change in shorebirds". *Science*, **2019**, 364, 33.3 4

151 Phylogenetic and Trait-Based Prediction of Extinction Risk for Data-Deficient Amphibians. *Current Biology*, **2019**, 29, 1557-1563.e3 6.3 68

150 Testing the ability of unmanned aerial systems and machine learning to map weeds at subfield scales: a test with the weed *Alopecurus myosuroides* (Huds). *Pest Management Science*, **2019**, 75, 2283-2294 4.6 5

149 Evolutionary epidemiology predicts the emergence of glyphosate resistance in a major agricultural weed. *New Phytologist*, **2019**, 223, 1584-1594 9.8 20

148 Parental care and the evolution of terrestriality in frogs. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20182737 4.4 28

147 Comparative analysis of experimental data. *Methods in Ecology and Evolution*, **2019**, 10, 1308-1321 7.7 6

146 Phylogeny and ecological processes influence grass coexistence at different spatial scales within the steppe biome. *Oecologia*, **2019**, 191, 25-38 2.9 1

145 European mushroom assemblages are darker in cold climates. *Nature Communications*, **2019**, 10, 2890 17.4 16

144 Estimating the farm-level economic costs of spring cropping to manage *Alopecurus myosuroides* (black-grass) in UK agriculture. *Journal of Agricultural Science*, **2019**, 157, 318-332 1 1

143 How to quantify competitive ability. *Journal of Ecology*, **2018**, 106, 1902-1909 6 62

142 The factors driving evolved herbicide resistance at a national scale. *Nature Ecology and Evolution*, **2018**, 2, 529-536 12.3 59

141 Measuring the effectiveness of management interventions at regional scales by integrating ecological monitoring and modelling. *Pest Management Science*, **2018**, 74, 2287-2295 4.6 12

140 Evaluating the potential of Unmanned Aerial Systems for mapping weeds at field scales: a case study with. *Weed Research*, **2018**, 58, 35-45 1.9 31

139	Global pattern of nest predation is disrupted by climate change in shorebirds. <i>Science</i> , <b>2018</b> , 362, 680-683	3.3	42
138	Sex-biased breeding dispersal is predicted by social environment in birds. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 6483-6491	2.8	12
137	Defining and delivering resilient ecological networks: Nature conservation in England. <i>Journal of Applied Ecology</i> , <b>2018</b> , 55, 2537-2543	5.8	34
136	Climate change mitigation: potential benefits and pitfalls of enhanced rock weathering in tropical agriculture. <i>Biology Letters</i> , <b>2017</b> , 13,	3.6	40
135	Complex Relationships between Competing Guilds along Large-Scale Environmental Gradients. <i>American Naturalist</i> , <b>2017</b> , 189, 407-421	3.7	5
134	Small-scale and regional spatial dynamics of an annual plant with contrasting sexual systems. <i>Journal of Ecology</i> , <b>2017</b> , 105, 1044-1057	6	13
133	Trait Evolution in Adaptive Radiations: Modeling and Measuring Interspecific Competition on Phylogenies. <i>American Naturalist</i> , <b>2017</b> , 189, 121-137	3.7	37
132	Sex Allocation Patterns across Cooperatively Breeding Birds Do Not Support Predictions of the Repayment Hypothesis. <i>American Naturalist</i> , <b>2017</b> , 190, 547-556	3.7	11
131	Thermally buffered microhabitats recovery in tropical secondary forests following land abandonment. <i>Biological Conservation</i> , <b>2016</b> , 201, 385-395	6.2	25
130	C4 photosynthesis boosts growth by altering physiology, allocation and size. <i>Nature Plants</i> , <b>2016</b> , 2, 16038	3.5	52
129	Special feature: 5th anniversary of <i>Methods in Ecology and Evolution</i> . <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 634-635	7.7	
128	Uncovering the spatio-temporal drivers of species trait variances: a case study of Magnoliaceae in China. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 1179-1191	4.1	6
127	Variation in helper effort among cooperatively breeding bird species is consistent with Hamilton's Rule. <i>Nature Communications</i> , <b>2016</b> , 7, 12663	17.4	33
126	A cautionary note on the use of Ornstein Uhlenbeck models in macroevolutionary studies. <i>Biological Journal of the Linnean Society</i> , <b>2016</b> , 118, 64-77	1.9	157
125	Phylogenetic constraints and trait correlates of flowering phenology in the angiosperm flora of China. <i>Global Ecology and Biogeography</i> , <b>2015</b> , 24, 928-938	6.1	38
124	Biodiversity and Resilience of Ecosystem Functions. <i>Trends in Ecology and Evolution</i> , <b>2015</b> , 30, 673-684	10.9	608
123	The evolution of parental cooperation in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 13603-8	11.5	44
122	Sex differences in parental care: Gametic investment, sexual selection, and social environment. <i>Evolution; International Journal of Organic Evolution</i> , <b>2015</b> , 69, 2862-75	3.8	31

121	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> , <b>2015</b> , 370, 20140016	5.8	78
120	Pathogens and insect herbivores drive rainforest plant diversity and composition. <i>Nature</i> , <b>2014</b> , 506, 85-8	50.4	409
119	Divorce and infidelity are associated with skewed adult sex ratios in birds. <i>Current Biology</i> , <b>2014</b> , 24, 880-8	6.3	65
118	Links between plant species spatial and temporal responses to a warming climate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20133017	4.4	33
117	Sex-biased survival predicts adult sex ratio variation in wild birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20140342	4.4	72
116	Identifying the effect of density dependence, agricultural practices and climate variables on the long-term dynamics of weed populations. <i>Weed Research</i> , <b>2014</b> , 54, 556-564	1.9	6
115	Testing for enemy-mediated density-dependence in the mortality of seedlings: field experiments with five Neotropical tree species. <i>Oikos</i> , <b>2014</b> , 123, 185-193	4	25
114	Mechanisms driving an unusual latitudinal diversity gradient for grasses. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 61-75	6.1	34
113	Testing the roles of competition, facilitation and stochasticity on community structure in a species-rich assemblage. <i>Journal of Ecology</i> , <b>2014</b> , 102, 74-85	6	66
112	Agricultural Weed Research: A Critique and Two Proposals. <i>Weed Science</i> , <b>2014</b> , 62, 672-678	2	21
111	Spatial and temporal variability in positive and negative plant-bryophyte interactions along a latitudinal gradient. <i>Journal of Ecology</i> , <b>2013</b> , 101, 465-474	6	18
110	Identification of 100 fundamental ecological questions. <i>Journal of Ecology</i> , <b>2013</b> , 101, 58-67	6	445
109	The evolution of sex roles in birds is related to adult sex ratio. <i>Nature Communications</i> , <b>2013</b> , 4, 1587	17.4	105
108	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> , <b>2013</b> , 5, 3095-3115	3.6	32
107	Why care? Inferring the evolution of complex social behaviour. <i>Journal of Evolutionary Biology</i> , <b>2013</b> , 26, 1381-91	2.3	22
106	Empirical Test of an Agricultural Landscape Model: The Importance of Farmer Preference for Risk Aversion and Crop Complexity. <i>SAGE Open</i> , <b>2013</b> , 3, 215824401348649	1.5	1
105	Interspecific differences in stochastic population dynamics explains variation in Taylor's temporal power law. <i>Oikos</i> , <b>2013</b> , 122, 1207-1216	4	10
104	Comment on "Bateman in nature: predation on offspring reduces the potential for sexual selection". <i>Science</i> , <b>2013</b> , 340, 549	33.3	2

103	Assessing the role of competition and stress: a critique of importance indices and the development of a new approach. <i>Journal of Ecology</i> , <b>2012</b> , 100, 577-585	6	19
102	Characterizing abundance-occupancy relationships: there is no artefact. <i>Global Ecology and Biogeography</i> , <b>2012</b> , 21, 952-957	6.1	15
101	MOTMOT: models of trait macroevolution on trees. <i>Methods in Ecology and Evolution</i> , <b>2012</b> , 3, 145-151	7.7	118
100	An objective, niche-based approach to indicator species selection. <i>Methods in Ecology and Evolution</i> , <b>2012</b> , 3, 317-326	7.7	32
99	Megacycles of atmospheric carbon dioxide concentration correlate with fossil plant genome size. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 367, 556-64	5.8	26
98	Phylogenetic niche conservatism in C4 grasses. <i>Oecologia</i> , <b>2012</b> , 170, 835-45	2.9	33
97	Fast likelihood calculations for comparative analyses. <i>Methods in Ecology and Evolution</i> , <b>2012</b> , 3, 940-947	7.7	68
96	Unraveling the life history of successful invaders. <i>Science</i> , <b>2012</b> , 337, 580-3	33.3	175
95	Consequences of changing rainfall for fungal pathogen-induced mortality in tropical tree seedlings. <i>Ecology and Evolution</i> , <b>2012</b> , 2, 1408-13	2.8	43
94	Changes in the large-scale distribution of plants: extinction, colonisation and the effects of climate. <i>Journal of Ecology</i> , <b>2012</b> , 100, 519-529	6	24
93	Environmental factors determining the phylogenetic structure of C4 grass communities. <i>Journal of Biogeography</i> , <b>2012</b> , 39, 232-246	4.1	31
92	Making predictive ecology more relevant to policy makers and practitioners. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 367, 322-30	5.8	43
91	Comparative methods as a statistical fix: the dangers of ignoring an evolutionary model. <i>American Naturalist</i> , <b>2011</b> , 178, E10-7	3.7	68
90	Phylogenetic conservatism of environmental niches in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 2384-91	4.4	105
89	Problems formalising the concept of importance in ecology. <i>Trends in Ecology and Evolution</i> , <b>2011</b> , 26, 498-9; author reply 499-500	10.9	5
88	From meso- to macroscale population dynamics: a new density-structured approach. <i>Methods in Ecology and Evolution</i> , <b>2011</b> , 2, 289-302	7.7	18
87	Rarity, life history and scaling of the dynamics in time and space of British birds. <i>Journal of Animal Ecology</i> , <b>2011</b> , 80, 215-24	4.7	21
86	Model averaging, missing data and multiple imputation: a case study for behavioural ecology. <i>Behavioral Ecology and Sociobiology</i> , <b>2011</b> , 65, 103-116	2.5	165

85	Dealing with collinearity in behavioural and ecological data: model averaging and the problems of measurement error. <i>Behavioral Ecology and Sociobiology</i> , <b>2011</b> , 65, 91-101	2.5	225
84	Density-structured models for plant population dynamics. <i>American Naturalist</i> , <b>2011</b> , 177, 1-17	3.7	23
83	Understanding the role of species dynamics in abundance-occupancy relationships. <i>Journal of Ecology</i> , <b>2010</b> , 98, 645-658	6	45
82	Testing the Janzen-Connell mechanism: pathogens cause overcompensating density dependence in a tropical tree. <i>Ecology Letters</i> , <b>2010</b> , 13, 1262-9	10	151
81	Phylogenetic comparative approaches for studying niche conservatism. <i>Journal of Evolutionary Biology</i> , <b>2010</b> , 23, 2529-39	2.3	129
80	The origins of C4 grasslands: integrating evolutionary and ecosystem science. <i>Science</i> , <b>2010</b> , 328, 587-91	33.3	698
79	Can phylogenetics identify C(4) origins and reversals?. <i>Trends in Ecology and Evolution</i> , <b>2010</b> , 25, 403-9	10.9	63
78	Who cares? Quantifying the evolution of division of parental effort. <i>Methods in Ecology and Evolution</i> , <b>2010</b> , 1, 221-230	7.7	15
77	Constant Final Yield. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2010</b> , 41, 173-192	13.5	87
76	Ecological selection pressures for C4 photosynthesis in the grasses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 1753-60	4.4	123
75	Predictive models of weed population dynamics. <i>Weed Research</i> , <b>2009</b> , 49, 225-232	1.9	35
74	Critical parameters for predicting population fluctuations of some British passerines. <i>Journal of Animal Ecology</i> , <b>2009</b> , 78, 1063-75	4.7	16
73	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> , <b>2009</b> , 46, 269-277	5.8	39
72	Seed mass, abundance and breeding system among tropical forest species: do dioecious species exhibit compensatory reproduction or abundances?. <i>Journal of Ecology</i> , <b>2009</b> , 97, 555-566	6	34
71	Measuring the importance of competition in plant communities. <i>Journal of Ecology</i> , <b>2009</b> , 97, 379-384	6	78
70	Are parental care trade-offs in shorebirds driven by parental investment or sexual selection?. <i>Journal of Evolutionary Biology</i> , <b>2009</b> , 22, 672-82	2.3	12
69	The seven deadly sins of comparative analysis. <i>Journal of Evolutionary Biology</i> , <b>2009</b> , 22, 1367-75	2.3	228
68	Niches versus neutrality: uncovering the drivers of diversity in a species-rich community. <i>Ecology Letters</i> , <b>2009</b> , 12, 1079-90	10	113



67	Habitat associations of British breeding farmland birds. <i>Bird Study</i> , <b>2009</b> , 56, 43-52	0.7	26
66	Space versus phylogeny: disentangling phylogenetic and spatial signals in comparative data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 21-30	4.4	151
65	Modelling the effects of management on population dynamics: some lessons from annual weeds. <i>Journal of Applied Ecology</i> , <b>2008</b> , 45, 1050-1058	5.8	24
64	Relating traits to diversification: a simple test. <i>American Naturalist</i> , <b>2008</b> , 172, 102-15	3.7	63
63	Does double-blind review benefit female authors?. <i>Trends in Ecology and Evolution</i> , <b>2008</b> , 23, 351-3; author reply 353-4	10.9	50
62	Missing inaction: the dangers of ignoring missing data. <i>Trends in Ecology and Evolution</i> , <b>2008</b> , 23, 592-6	10.9	213
61	Parental conflict in birds: comparative analyses of offspring development, ecology and mating opportunities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2008</b> , 275, 301-7	4.4	62
60	Environment, migratory tendency, phylogeny and basal metabolic rate in birds. <i>PLoS ONE</i> , <b>2008</b> , 3, e3261	3.7	76
59	What use is an infertile sperm? A comparative study of sperm-heteromorphic <i>Drosophila</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2008</b> , 62, 374-85	3.8	33
58	Only half right: species with female-biased sexual size dimorphism consistently break Rensch's rule. <i>PLoS ONE</i> , <b>2007</b> , 2, e897	3.7	82
57	The role of ecological theory in microbial ecology. <i>Nature Reviews Microbiology</i> , <b>2007</b> , 5, 384-92	22.2	643
56	Should conservation strategies consider spatial generality? Farmland birds show regional not national patterns of habitat association. <i>Ecology Letters</i> , <b>2007</b> , 10, 25-35	10	145
55	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> , <b>2007</b> , 76, 123-34	4.7	56
54	Future novel threats and opportunities facing UK biodiversity identified by horizon scanning. <i>Journal of Applied Ecology</i> , <b>2007</b> , 45, 821-833	5.8	106
53	Biogeographical basis of recent phenotypic divergence among birds: a global study of subspecies richness. <i>Evolution; International Journal of Organic Evolution</i> , <b>2007</b> , 61, 942-57	3.8	48
52	Phylogenetic evidence for deleterious mutation load in RNA viruses and its contribution to viral evolution. <i>Molecular Biology and Evolution</i> , <b>2007</b> , 24, 845-52	8.3	119
51	Detecting non-Brownian trait evolution in adaptive radiations. <i>PLoS Biology</i> , <b>2006</b> , 4, e373	9.7	130
50	Comparative analyses of the influence of developmental mode on phenotypic diversification rates in shorebirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 273, 1619-24	4.4	112



49	Phenotypic plasticity in the scaling of avian basal metabolic rate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 273, 931-7	4.4	128
48	Pathogens, density dependence and the coexistence of tropical trees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 273, 2909-16	4.4	126
47	Ecology predicts large-scale patterns of phylogenetic diversification in birds. <i>American Naturalist</i> , <b>2006</b> , 168, 220-9	3.7	132
46	Distributions of habitat suitability and the abundance-occupancy relationship. <i>American Naturalist</i> , <b>2006</b> , 167, 260-75	3.7	62
45	Census error and the detection of density dependence. <i>Journal of Animal Ecology</i> , <b>2006</b> , 75, 837-51	4.7	211
44	Why do we still use stepwise modelling in ecology and behaviour?. <i>Journal of Animal Ecology</i> , <b>2006</b> , 75, 1182-9	4.7	977
43	The identification of 100 ecological questions of high policy relevance in the UK. <i>Journal of Applied Ecology</i> , <b>2006</b> , 43, 617-627	5.8	351
42	UNUSUAL SPERM MORPHOLOGY IN THE EURASIAN BULLFINCH (PYRRHULA PYRRHULA). <i>Auk</i> , <b>2006</b> , 123, 383	2.1	26
41	Plant pathogens drive density-dependent seedling mortality in a tropical tree. <i>Ecology Letters</i> , <b>2006</b> , 9, 569-74	10	309
40	Large-scale population dynamics, abundance-occupancy relationships and the scaling from local to regional population size. <i>Journal of Animal Ecology</i> , <b>2005</b> , 74, 353-364	4.7	77
39	The changing face of applied ecology. <i>Journal of Applied Ecology</i> , <b>2005</b> , 42, 1-3	5.8	10
38	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> , <b>2005</b> , 42, 270-280	5.8	150
37	Ecology. Population dynamics: growing to extremes. <i>Science</i> , <b>2005</b> , 309, 567-8	33.3	20
36	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> , <b>2004</b> , 101, 12224-7	11.5	193
35	Coral reef cascades and the indirect effects of predator removal by exploitation. <i>Ecology Letters</i> , <b>2004</b> , 7, 410-416	10	317
34	The problems of prediction and scale in applied ecology: the example of fire as a management tool. <i>Journal of Applied Ecology</i> , <b>2004</b> , 41, 599-603	5.8	51
33	Amelioration of biodiversity impacts of genetically modified crops: predicting transient versus long-term effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271, 325-31	4.4	18
32	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> , <b>2003</b> , 40, 846-858	5.8	92

31	Are all plant populations metapopulations?. <i>Journal of Ecology</i> , <b>2003</b> , 91, 321-324	6	48
30	Predicting the response of farmland bird populations to changing food supplies. <i>Journal of Applied Ecology</i> , <b>2003</b> , 40, 970-983	5.8	61
29	Demographic threats to the sustainability of Brazil nut exploitation. <i>Science</i> , <b>2003</b> , 302, 2112-4	33.3	201
28	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> , <b>2003</b> , 270, 625-32	4.4	149
27	Bergmann's rule and body size in mammals. <i>American Naturalist</i> , <b>2003</b> , 161, 821-5	3.7	129
26	Ecology. Deciding the future of GM crops in Europe. <i>Science</i> , <b>2003</b> , 302, 994-6	33.3	20
25	Honesty and cheating in cleaning symbioses: evolutionarily stable strategies defined by variable pay-offs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2003</b> , 270, 299-305	4.4	18
24	Declines in the numbers of amateur and professional taxonomists: implications for conservation. <i>Animal Conservation</i> , <b>2002</b> , 5, 245-249	3.2	214
23	On the misuse of residuals in ecology: regression of residuals vs. multiple regression. <i>Journal of Animal Ecology</i> , <b>2002</b> , 71, 542-545	4.7	341
22	Are weed population dynamics chaotic?. <i>Journal of Applied Ecology</i> , <b>2002</b> , 39, 699-707	5.8	46
21	Large-scale spatial dynamics of plants: metapopulations, regional ensembles and patchy populations. <i>Journal of Ecology</i> , <b>2002</b> , 90, 419-434	6	265
20	Evolutionary transitions in parental care and live bearing in vertebrates. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2002</b> , 357, 269-81	5.8	179
19	Phylogenetic analysis and comparative data: a test and review of evidence. <i>American Naturalist</i> , <b>2002</b> , 160, 712-26	3.7	1895
18	Chaotic mating systems. <i>Trends in Ecology and Evolution</i> , <b>2002</b> , 17, 493-495	10.9	2
17	Do in-hospital waiting lists show self-regulation?. <i>Journal of the Royal Society of Medicine</i> , <b>2002</b> , 95, 164	2.3	3
16	Predicting competition coefficients for plant mixtures: reciprocity, transitivity and correlations with life-history traits. <i>Ecology Letters</i> , <b>2001</b> , 4, 348-357	10	74
15	Asymmetric competition between plant species. <i>Functional Ecology</i> , <b>2001</b> , 15, 615-623	5.6	122
14	Hospital waiting-lists. Do power laws imply self-regulation?. <i>Nature</i> , <b>2001</b> , 413, 382	50.4	13

13	Nonmanipulative determination of plant community dynamics. <i>Trends in Ecology and Evolution</i> , <b>2001</b> , 16, 301-307	10.9	47
12	Phylogenetic tests of ecological and evolutionary hypotheses: checking for phylogenetic independence. <i>Functional Ecology</i> , <b>2000</b> , 14, 129-134	5.6	76
11	Designs for greenhouse studies of interactions between plants: an analytical perspective. <i>Journal of Ecology</i> , <b>2000</b> , 88, 386-391	6	60
10	Population dynamics of <i>Vulpia ciliata</i> : regional, patch and local dynamics. <i>Journal of Ecology</i> , <b>2000</b> , 88, 1012-1029	6	46
9	Determinants of the abundance of invasive annual weeds: community structure and non-equilibrium dynamics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2000</b> , 267, 1153-61	4.4	29
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5	Yield of sugar beet in relation to weather and nutrients. <i>Agricultural and Forest Meteorology</i> , <b>1999</b> , 93, 39-51	5.8	31
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2	Symposium on immunization. Federal government programs in immunization. <i>Archives of Environmental Health</i> , <b>1967</b> , 15, 512-4		1
1	Recent advances in comparative methods	110-126	3