

# Katrin Böhning-Gaese

## List of Publications by Citations

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209  
papers

9,872  
citations

55  
h-index

90  
g-index

215  
ext. papers

12,364  
ext. citations

5.4  
avg. IF

6.19  
L-index

#	Paper	IF	Citations
209	Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. <i>Science</i> , <b>2018</b> , 359, 466-469	33.3	474
208	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , <b>2020</b> , 26, 119-188	11.4	399
207	The worldwide variation in avian clutch size across species and space. <i>PLoS Biology</i> , <b>2008</b> , 6, 2650-7	9.7	264
206	An estimate of the number of tropical tree species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7472-7	11.5	258
205	Specialization of mutualistic interaction networks decreases toward tropical latitudes. <i>Current Biology</i> , <b>2012</b> , 22, 1925-31	6.3	223
204	Coefficient shifts in geographical ecology: an empirical evaluation of spatial and non-spatial regression. <i>Ecography</i> , <b>2009</b> , 32, 193-204	6.5	207
203	Spatial patterns of woody plant and bird diversity: functional relationships or environmental effects?. <i>Global Ecology and Biogeography</i> , <b>2008</b> , 17, 327-339	6.1	175
202	Meta-analysis of the effects of human disturbance on seed dispersal by animals. <i>Conservation Biology</i> , <b>2012</b> , 26, 1072-81	6	174
201	Climate-land-use interactions shape tropical mountain biodiversity and ecosystem functions. <i>Nature</i> , <b>2019</b> , 568, 88-92	50.4	173
200	Global variation in thermal tolerances and vulnerability of endotherms to climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20141097	4.4	163
199	Food plant diversity as broad-scale determinant of avian frugivore richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 799-808	4.4	157
198	A comparative analysis of dispersal syndromes in terrestrial and semi-terrestrial animals. <i>Ecology Letters</i> , <b>2014</b> , 17, 1039-52	10	150
197	Determinants of avian species richness at different spatial scales. <i>Journal of Biogeography</i> , <b>1997</b> , 24, 49-60	4.1	147
196	Predictors of elevational biodiversity gradients change from single taxa to the multi-taxa community level. <i>Nature Communications</i> , <b>2016</b> , 7, 13736	17.4	141
195	The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , <b>2014</b> , 4, 4701-35	2.8	132
194	Ecological, historical and evolutionary determinants of modularity in weighted seed-dispersal networks. <i>Ecology Letters</i> , <b>2014</b> , 17, 454-63	10	125
193	Integrating movement ecology with biodiversity research - exploring new avenues to address spatiotemporal biodiversity dynamics. <i>Movement Ecology</i> , <b>2013</b> , 1, 6	4.6	121

192	Ecological networks are more sensitive to plant than to animal extinction under climate change. <i>Nature Communications</i> , <b>2016</b> , 7, 13965	17.4	118
191	Specialization and interaction strength in a tropical plant-frugivore network differ among forest strata. <i>Ecology</i> , <b>2011</b> , 92, 26-36	4.6	113
190	Are Declines in North American Insectivorous Songbirds Due to Causes on the Breeding Range?. <i>Conservation Biology</i> , <b>1993</b> , 7, 76-86	6	112
189	Diversity in time and space: wanted dead and alive. <i>Trends in Ecology and Evolution</i> , <b>2013</b> , 28, 509-16	10.9	108
188	Effects of climate and land-use change on species abundance in a Central European bird community. <i>Conservation Biology</i> , <b>2007</b> , 21, 495-503	6	107
187	Morphological traits determine specialization and resource use in plant-flummingbird networks in the neotropics. <i>Ecology</i> , <b>2014</b> , 95, 3325-3334	4.6	106
186	Morphology predicts species' functional roles and their degree of specialization in plant-frugivore interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	105
185	Range size: disentangling current traits and phylogenetic and biogeographic factors. <i>American Naturalist</i> , <b>2006</b> , 167, 555-67	3.7	105
184	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 145-188	2.8	101
183	Food resources and vegetation structure mediate climatic effects on species richness of birds. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 541-549	6.1	101
182	The global distribution of frugivory in birds. <i>Global Ecology and Biogeography</i> , <b>2009</b> , 18, 150-162	6.1	101
181	Consequences of frugivore diversity for seed dispersal, seedling establishment and the spatial pattern of seedlings and trees. <i>Oecologia</i> , <b>2001</b> , 129, 385-394	2.9	97
180	Potential Impact of Global Climate Change on Species Richness of Long-Distance Migrants. <i>Conservation Biology</i> , <b>2003</b> , 17, 577-586	6	93
179	Functional relationships beyond species richness patterns: trait matching in plant-bird mutualisms across scales. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 1085-1093	6.1	91
178	Long-term declines of European insectivorous bird populations and potential causes. <i>Conservation Biology</i> , <b>2019</b> , 33, 1120-1130	6	89
177	Enhanced seed dispersal of <i>Prunus africana</i> in fragmented and disturbed forests?. <i>Oecologia</i> , <b>2006</b> , 147, 238-52	2.9	89
176	When, Where, and How Nature Matters for Ecosystem Services: Challenges for the Next Generation of Ecosystem Service Models. <i>BioScience</i> , <b>2017</b> , 67, 820-833	5.7	83
175	Seed-dispersal distributions by trumpeter hornbills in fragmented landscapes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 2257-64	4.4	81

174	Opposed latitudinal patterns of network-derived and dietary specialization in avian plant-frugivore interaction systems. <i>Ecography</i> , <b>2017</b> , 40, 1395-1401	6.5	77
173	Ecomorphological predictors of natal dispersal distances in birds. <i>Journal of Animal Ecology</i> , <b>2009</b> , 78, 388-95	4.7	75
172	Plant-frugivore networks are less specialized and more robust at forest-farmland edges than in the interior of a tropical forest. <i>Oikos</i> , <b>2012</b> , 121, 1553-1566	4	68
171	Species richness of migratory birds is influenced by global climate change. <i>Global Ecology and Biogeography</i> , <b>2007</b> , 16, 55-64	6.1	68
170	Effects of local disturbance of tropical forests on frugivores and seed removal of a small-seeded afro-tropical tree. <i>Conservation Biology</i> , <b>2008</b> , 22, 318-28	6	65
169	Complementary ecosystem services provided by pest predators and pollinators increase quantity and quality of coffee yields. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20133148	4.4	64
168	Bird diversity and seed dispersal along a human land-use gradient: high seed removal in structurally simple farmland. <i>Oecologia</i> , <b>2010</b> , 162, 965-76	2.9	64
167	Pollination and seed dispersal are the most threatened processes of plant regeneration. <i>Scientific Reports</i> , <b>2016</b> , 6, 29839	4.9	64
166	Changes in Species Abundance, Distribution, and Diversity in a Central European Bird Community. <i>Conservation Biology</i> , <b>1996</b> , 10, 175-187	6	62
165	A comprehensive analysis of autocorrelation and bias in home range estimation. <i>Ecological Monographs</i> , <b>2019</b> , 89, e01344	9	62
164	Pathways linking biodiversity to human health: A conceptual framework. <i>Environment International</i> , <b>2021</b> , 150, 106420	12.9	60
163	Global macroecology of bird assemblages in urbanized and semi-natural ecosystems. <i>Global Ecology and Biogeography</i> , <b>2011</b> , 20, 426-436	6.1	59
162	IMPORTANCE OF PRIMARY AND SECONDARY SEED DISPERSAL IN THE MALAGASY TREE COMMIPHORA GUILLAUMINI. <i>Ecology</i> , <b>1999</b> , 80, 821-832	4.6	58
161	Experience drives innovation of new migration patterns of whooping cranes in response to global change. <i>Nature Communications</i> , <b>2016</b> , 7, 12793	17.4	58
160	Woody plants and the prediction of climate-change impacts on bird diversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 365, 2035-45	5.8	57
159	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. <i>People and Nature</i> , <b>2020</b> , 2, 380-394	5.9	56
158	Large frugivorous birds facilitate functional connectivity of fragmented landscapes. <i>Journal of Applied Ecology</i> , <b>2014</b> , 51, 684-692	5.8	56
157	The importance of figs for frugivores in a South African coastal forest. <i>Journal of Tropical Ecology</i> , <b>2003</b> , 19, 375-386	1.3	56

156	Cross-realm assessment of climate change impacts on species' abundance trends. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 67	12.3	55
155	Weak phylogenetic effects on ecological niches of <i>Sylvia</i> warblers. <i>Journal of Evolutionary Biology</i> , <b>2003</b> , 16, 956-65	2.3	55
154	Constant properties of plant-frugivore networks despite fluctuations in fruit and bird communities in space and time. <i>Ecology</i> , <b>2013</b> , 94, 1296-306	4.6	53
153	Constraints on dispersal and the evolution of the avifauna of the Northern Hemisphere. <i>Evolutionary Ecology</i> , <b>1998</b> , 12, 767-783	1.8	53
152	Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. <i>Global Change Biology</i> , <b>2016</b> , 22, 3948-3959	11.4	53
151	Conservation value of forest plantations for bird communities in western Kenya. <i>Forest Ecology and Management</i> , <b>2008</b> , 255, 3885-3892	3.9	52
150	A comparison of morphological and chemical fruit traits between two sites with different frugivore assemblages. <i>Oecologia</i> , <b>2004</b> , 141, 94-104	2.9	52
149	PHENOLOGICAL ADAPTATION OF ANT-DISPersed PLANTS TO SEASONAL VARIATION IN ANT ACTIVITY. <i>Ecology</i> , <b>2002</b> , 83, 1412-1420	4.6	52
148	Forest fragmentation and selective logging have inconsistent effects on multiple animal-mediated ecosystem processes in a tropical forest. <i>PLoS ONE</i> , <b>2011</b> , 6, e27785	3.7	52
147	Bioenergy cropland expansion may offset positive effects of climate change mitigation for global vertebrate diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 13294-13299	11.5	52
146	Evolution of avian clutch size along latitudinal gradients: do seasonality, nest predation or breeding season length matter?. <i>Journal of Evolutionary Biology</i> , <b>2010</b> , 23, 888-901	2.3	51
145	Human disturbance reduces genetic diversity of an endangered tropical tree, <i>Prunus africana</i> (Rosaceae). <i>Conservation Genetics</i> , <b>2008</b> , 9, 317-326	2.6	51
144	Global patterns of interaction specialization in bird-flower networks. <i>Journal of Biogeography</i> , <b>2017</b> , 44, 1891-1910	4.1	50
143	Trait-Based Assessments of Climate-Change Impacts on Interacting Species. <i>Trends in Ecology and Evolution</i> , <b>2020</b> , 35, 319-328	10.9	50
142	High Bird Species Diversity in Structurally Heterogeneous Farmland in Western Kenya. <i>Biotropica</i> , <b>2012</b> , 44, 801-809	2.3	50
141	Human Land-Use Practices Lead to Global Long-Term Increases in Photosynthetic Capacity. <i>Remote Sensing</i> , <b>2014</b> , 6, 5717-5731	5	50
140	Fruit size, crop mass, and plant height explain differential fruit choice of primates and birds. <i>Oecologia</i> , <b>2010</b> , 164, 151-61	2.9	49
139	Importance of Climate Change for the Ranges, Communities and Conservation of Birds. <i>Advances in Ecological Research</i> , <b>2004</b> , 211-236	4.6	49

138	Towards a more mechanistic understanding of traits and range sizes. <i>Global Ecology and Biogeography</i> , <b>2013</b> , 22, 233-241	6.1	48
137	Fragmentation and local disturbance of forests reduce frugivore diversity and fruit removal in <i>Ficus thonningii</i> trees. <i>Basic and Applied Ecology</i> , <b>2008</b> , 9, 663-672	3.2	48
136	Floral color change and the attraction of insect pollinators in lungwort ( <i>Pulmonaria collina</i> ). <i>Oecologia</i> , <b>1999</b> , 121, 383-391	2.9	48
135	How colorful are fruits? Limited color diversity in fleshy fruits on local and global scales. <i>New Phytologist</i> , <b>2013</b> , 198, 617-629	9.8	47
134	Global variation in thermal physiology of birds and mammals: evidence for phylogenetic niche conservatism only in the tropics. <i>Journal of Biogeography</i> , <b>2015</b> , 42, 2187-2196	4.1	47
133	Functional structure and specialization in three tropical plant-hummingbird interaction networks across an elevational gradient in Costa Rica. <i>Ecography</i> , <b>2015</b> , 38, 1119-1128	6.5	44
132	Morphological trait matching shapes plant-frugivore networks across the Andes. <i>Ecography</i> , <b>2018</b> , 41, 1910-1919	6.5	43
131	Functional and phylogenetic diversity and assemblage structure of frugivorous birds along an elevational gradient in the tropical Andes. <i>Ecography</i> , <b>2014</b> , no-no	6.5	41
130	Continent-scale global change attribution in European birds - combining annual and decadal time scales. <i>Global Change Biology</i> , <b>2016</b> , 22, 530-43	11.4	41
129	Different foraging preferences of hummingbirds on artificial and natural flowers reveal mechanisms structuring plant-pollinator interactions. <i>Journal of Animal Ecology</i> , <b>2015</b> , 84, 655-664	4.7	40
128	Avian diversity in a Kenyan agroecosystem: effects of habitat structure and proximity to forest. <i>Journal of Ornithology</i> , <b>2008</b> , 149, 181-191	1.5	40
127	Seed dispersal by ants: are seed preferences influenced by foraging strategies or historical constraints?. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2003</b> , 198, 413-420	1.9	40
126	At a loss for birds: insularity increases asymmetry in seed-dispersal networks. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 385-394	6.1	39
125	Seasonal fluctuations of resource abundance and avian feeding guilds across forestfarmland boundaries in tropical Africa. <i>Oikos</i> , <b>2013</b> , 122, 524-532	4	39
124	Importance of animal and plant traits for fruit removal and seedling recruitment in a tropical forest. <i>Oikos</i> , <b>2017</b> , 126, 823-832	4	39
123	Population trends of birds across the iron curtain: Brain matters. <i>Biological Conservation</i> , <b>2011</b> , 144, 2524-2533	6.2533	37
122	What is macroecology?. <i>Biology Letters</i> , <b>2012</b> , 8, 904-6	3.6	37
121	Functional importance of avian seed dispersers changes in response to human-induced forest edges in tropical seed-dispersal networks. <i>Oecologia</i> , <b>2014</b> , 176, 837-48	2.9	36

120	Bird assemblages in isolated Ficus trees in Kenyan farmland. <i>Journal of Tropical Ecology</i> , <b>2006</b> , 22, 723-726		36
119	Individualistic responses of bird species to environmental change. <i>Oecologia</i> , <b>1995</b> , 101, 478-486	2.9	36
118	Macroecology of habitat choice in long-distance migratory birds. <i>Oecologia</i> , <b>2003</b> , 137, 296-303	2.9	34
117	Functionally specialised birds respond flexibly to seasonal changes in fruit availability. <i>Journal of Animal Ecology</i> , <b>2017</b> , 86, 800-811	4.7	32
116	Direct and indirect effects of climate, human disturbance and plant traits on avian functional diversity. <i>Global Ecology and Biogeography</i> , <b>2017</b> , 26, 963-972	6.1	32
115	Attitudes towards returning wolves ( <i>Canis lupus</i> ) in Germany: Exposure, information sources and trust matter. <i>Biological Conservation</i> , <b>2019</b> , 234, 202-210	6.2	32
114	Niche availability in space and time: migration in <i>Sylvia</i> warblers. <i>Journal of Biogeography</i> , <b>2015</b> , 42, 1896-1906	4.1	32
113	Plant and animal functional diversity drive mutualistic network assembly across an elevational gradient. <i>Nature Communications</i> , <b>2018</b> , 9, 3177	17.4	31
112	Twenty-million-year relationship between mammalian diversity and primary productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 10908-13	11.5	30
111	Birds protected by national legislation show improved population trends in Eastern Europe. <i>Biological Conservation</i> , <b>2014</b> , 172, 109-116	6.2	30
110	Influence of habitat complexity and landscape configuration on pollination and seed-dispersal interactions of wild cherry trees. <i>Oecologia</i> , <b>2012</b> , 168, 425-37	2.9	30
109	Biotic interactions and seed deposition rather than abiotic factors determine recruitment at elevational range limits of an alpine tree. <i>Journal of Ecology</i> , <b>2018</b> , 106, 948-959	6	28
108	Intra-generic species richness and dispersal ability interact to determine geographic ranges of birds. <i>Global Ecology and Biogeography</i> , <b>2013</b> , 22, 223-232	6.1	28
107	Rarity in Chilean forest birds: which ecological and life-history traits matter?. <i>Diversity and Distributions</i> , <b>2007</b> , 13, 203-212	5	28
106	Seed dispersal, braeding system, tree density and the spatial pattern of trees in a simulation approach. <i>Basic and Applied Ecology</i> , <b>2002</b> , 3, 115-123	3.2	28
105	Responses of nectar-feeding birds to floral resources at multiple spatial scales. <i>Ecography</i> , <b>2016</b> , 39, 619-629	6.5	28
104	Range-wide latitudinal and elevational temperature gradients for the world's terrestrial birds: implications under global climate change. <i>PLoS ONE</i> , <b>2014</b> , 9, e98361	3.7	27
103	Biodiversity, scenery and infrastructure: Factors driving wildlife tourism in an African savannah national park. <i>Biological Conservation</i> , <b>2016</b> , 201, 60-68	6.2	27



102	Short seed-dispersal distances and low seedling recruitment in farmland populations of bird-dispersed cherry trees. <i>Journal of Ecology</i> , <b>2012</b> , 100, 1349-1358	6	26
101	Patterns of drilling predation on gastropods of the family Turritellidae in the Gulf of California. <i>Paleobiology</i> , <b>1993</b> , 19, 476-486	2.6	26
100	The importance of species diversity for human well-being in Europe. <i>Ecological Economics</i> , <b>2021</b> , 181, 106917	5.6	26
99	The influence of thermal tolerances on geographical ranges of endotherms. <i>Global Ecology and Biogeography</i> , <b>2017</b> , 26, 650-668	6.1	24
98	Spatio-temporal variation in bird assemblages is associated with fluctuations in temperature and precipitation along a tropical elevational gradient. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196179	3.7	24
97	Sugar landscapes and pollinator-mediated interactions in plant communities. <i>Ecography</i> , <b>2017</b> , 40, 1129-1138	6.3	24
96	Synergistic effects of climate and land use on avian beta-diversity. <i>Diversity and Distributions</i> , <b>2017</b> , 23, 1246-1255	5	23
95	Improving the community-temperature index as a climate change indicator. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184235	3.5	23
94	Changes in abundances of forest understorey birds on Africa's highest mountain suggest subtle effects of climate change. <i>Diversity and Distributions</i> , <b>2016</b> , 22, 288-299	5	23
93	Functional and phylogenetic diversity of bird assemblages are filtered by different biotic factors on tropical mountains. <i>Journal of Biogeography</i> , <b>2018</b> ,	4.1	23
92	High seedling recruitment of indigenous tree species in forest plantations in Kakamega Forest, western Kenya. <i>Forest Ecology and Management</i> , <b>2009</b> , 257, 143-150	3.9	22
91	Life-history of two African <i>Sylvia</i> warblers: low annual fecundity and long post-fledging care. <i>Ibis</i> , <b>2004</b> , 146, 427-437	1.9	22
90	Avian Community Dynamics Are Discordant in Space and Time. <i>Oikos</i> , <b>1994</b> , 70, 121	4	22
89	Seed-dispersal networks are more specialized in the Neotropics than in the Afrotropics. <i>Global Ecology and Biogeography</i> , <b>2019</b> , 28, 248-261	6.1	22
88	Mismatches between supply and demand in wildlife tourism: Insights for assessing cultural ecosystem services. <i>Ecological Indicators</i> , <b>2017</b> , 78, 282-291	5.8	21
87	Large birds travel farther in homogeneous environments. <i>Global Ecology and Biogeography</i> , <b>2019</b> , 28, 576-587	6.1	21
86	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 1495-1514	6.1	21
85	Quantification of climatic niches in birds: adding the temporal dimension. <i>Journal of Avian Biology</i> , <b>2017</b> , 48, 1517-1531	1.9	21



84	Projected impacts of climate change on functional diversity of frugivorous birds along a tropical elevational gradient. <i>Scientific Reports</i> , <b>2019</b> , 9, 17708	4.9	21
83	AVONET: morphological, ecological and geographical data for all birds.. <i>Ecology Letters</i> , <b>2022</b> , 25, 581-597	6	21
82	Linking seed dispersal and genetic structure of trees: a biogeographical approach. <i>Journal of Biogeography</i> , <b>2009</b> , 36, 242-254	4.1	19
81	Tree visitation and seed dispersal of wild cherries by terrestrial mammals along a human land-use gradient. <i>Basic and Applied Ecology</i> , <b>2010</b> , 11, 532-541	3.2	19
80	The Signed Mantel test to cope with autocorrelation in comparative analyses. <i>Journal of Applied Statistics</i> , <b>2001</b> , 28, 725-736	1	19
79	Large mammal diversity matters for wildlife tourism in Southern African Protected Areas: Insights for management. <i>Ecosystem Services</i> , <b>2018</b> , 31, 481-490	6.1	19
78	Reward quality predicts effects of bird-pollinators on the reproduction of African Protea shrubs. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , <b>2015</b> , 17, 209-217	3	18
77	Seed perishability determines the caching behaviour of a food-hoarding bird. <i>Journal of Animal Ecology</i> , <b>2015</b> , 84, 71-8	4.7	18
76	Frugivores and seed dispersal (1985-2010); the seeds dispersed, established and matured. <i>Acta Oecologica</i> , <b>2011</b> , 37, 517-520	1.7	18
75	Nomadism and seasonal range expansion in a large frugivorous bird. <i>Ecography</i> , <b>2015</b> , 38, 54-62	6.5	17
74	Distinct carbon sources indicate strong differentiation between tropical forest and farmland bird communities. <i>Oecologia</i> , <b>2013</b> , 171, 473-86	2.9	17
73	Spatial patterns of pathogenic and mutualistic fungi across the elevational range of a host plant. <i>Journal of Ecology</i> , <b>2018</b> , 106, 1545-1557	6	16
72	Pollination ecology of the dioecious tree <i>Commiphora guillauminii</i> in Madagascar. <i>Journal of Tropical Ecology</i> , <b>2004</b> , 20, 307-316	1.3	16
71	Importance of Primary and Secondary Seed Dispersal in the Malagasy Tree <i>Commiphora guillaumini</i> . <i>Ecology</i> , <b>1999</b> , 80, 821	4.6	16
70	Disentangling the effects of multiple environmental drivers on population changes within communities. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 1034-1045	4.7	15
69	Macroecology meets global change research. <i>Global Ecology and Biogeography</i> , <b>2007</b> , 17, 3-4	6.1	15
68	Identification of the lipids and the ant attractant 1,2-dioleoylglycerol in the arils of <i>Commiphora guillaumini</i> Perr. (Burseraceae) by supercritical fluid chromatography-atmospheric pressure chemical ionisation mass spectrometry. <i>Journal of Chromatography A</i> , <b>1996</b> , 727, 139-146	4.5	15
67	Human impact diminishes seedling species richness in Kakamega Forest, Kenya. <i>Basic and Applied Ecology</i> , <b>2008</b> , 9, 383-391	3.2	13

66	Impact of climate change on migratory birds: community reassembly versus adaptation. <i>Global Ecology and Biogeography</i> , <b>2007</b> , 17, 071106211200001-???	6.1	13
65	Species richness is positively related to mental health – A study for Germany. <i>Landscape and Urban Planning</i> , <b>2021</b> , 211, 104084	7.7	13
64	Challenges in the conservation of wide-ranging nomadic species. <i>Journal of Applied Ecology</i> , <b>2019</b> , 56, 1916	5.8	12
63	Fine-scale spatial genetic dynamics over the life cycle of the tropical tree <i>Prunus africana</i> . <i>Heredity</i> , <b>2014</b> , 113, 401-7	3.6	12
62	Cross-taxa generalities in the relationship between population abundance and ambient temperatures. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	12
61	Reduced abundance of late-successional trees but not of seedlings in heavily compared with lightly logged sites of three East African tropical forests. <i>Journal of Tropical Ecology</i> , <b>2010</b> , 26, 533-546	1.3	12
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51	Coexistence of plant species in a biodiversity hotspot is stabilized by competition but not by seed predation. <i>Oikos</i> , <b>2017</b> , 126,	4	10
50	Monthly survival of African <i>Sylvia</i> warblers in a seasonally arid tropical environment. <i>Ibis</i> , <b>2006</b> , 148, 411-424	4.4	10
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48	A bird pollinator shows positive frequency dependence and constancy of species choice in natural plant communities. <i>Ecology</i> , <b>2016</b> , 97, 3110-3118	4.6	10
47	Different responses of taxonomic and functional bird diversity to forest fragmentation across an elevational gradient. <i>Oecologia</i> , <b>2019</b> , 189, 863-873	2.9	10
46	Biodiversity in European agricultural landscapes: transformative societal changes needed. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 1067-1070	10.9	10
45	Similar composition of functional roles in Andean seed-dispersal networks, despite high species and interaction turnover. <i>Ecology</i> , <b>2020</b> , 101, e03028	4.6	9
44	Relationships between abiotic environment, plant functional traits, and animal body size at Mount Kilimanjaro, Tanzania. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174157	3.7	9
43	Changes of effective gene dispersal distances by pollen and seeds across successive life stages in a tropical tree. <i>Oikos</i> , <b>2013</b> , 122, 1616-1625	4	9
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35	Effects of phylogeny and geography on ecomorphological traits in passerine bird clades. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 2337-2347	4.1	7
34	Evidence for distinct evolutionary optima in the morphology of migratory and resident birds. <i>Journal of Avian Biology</i> , <b>2018</b> , 49, e01807	1.9	7
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32	Life history variation across a riverine landscape: intermediate levels of disturbance favor sexual reproduction in the ant-dispersed herb <i>Ranunculus ficaria</i> . <i>Ecography</i> , <b>2008</b> , 31, 776-786	6.5	6
31	Global patterns of thermal tolerances and vulnerability of endotherms to climate change remain robust irrespective of varying data suitability criteria. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	5

30	Rates of ecomorphological trait evolution in passerine bird clades are independent of age. <i>Biological Journal of the Linnean Society</i> , <b>2020</b> , 129, 543-557	1.9	5
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28	Secondary metabolites of ripe fleshy fruits: ecology and phylogeny in the genus <i>Solanum</i> . <b>2002</b> , 111-128		5
27	Climatic effects on niche evolution in a passerine bird clade depend on paleoclimate reconstruction method. <i>Evolution; International Journal of Organic Evolution</i> , <b>2021</b> , 75, 1046-1060	3.8	5
26	Functional responses of avian frugivores to variation in fruit resources between natural and fragmented forests. <i>Functional Ecology</i> , <b>2019</b> , 33, 399-410	5.6	5
25	Seed-dispersal networks respond differently to resource effects in open and forest habitats. <i>Oikos</i> , <b>2018</b> , 127, 847-854	4	5
24	A research framework for projecting ecosystem change in highly diverse tropical mountain ecosystems. <i>Oecologia</i> , <b>2021</b> , 195, 589-600	2.9	5
23	A tale of two seasons: The link between seasonal migration and climatic niches in passerine birds. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 11983-11997	2.8	4
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15	Does an ant-dispersed plant, <i>Viola reichenbachiana</i> , suffer from reduced seed dispersal under inundation disturbances?. <i>Basic and Applied Ecology</i> , <b>2008</b> , 9, 108-116	3.2	2
14	Direct and plant-mediated effects of climate on bird diversity in tropical mountains. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 14196-14208	2.8	2
13	Specialists and generalists fulfil important and complementary functional roles in ecological processes. <i>Functional Ecology</i> , <b>2021</b> , 35, 1810-1821	5.6	2

12	Species richness is more important for ecosystem functioning than species turnover along an elevational gradient. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 1582-1593	12.3	2
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