

Holger Kreft

List of Publications by Citations

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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.

196
papers

13,045
citations

51
h-index

112
g-index

226
ext. papers

17,602
ext. citations

6.6
avg, IF

6.7
L-index

#	Paper	IF	Citations
196	Climatologies at high resolution for the earth's land surface areas. <i>Scientific Data</i> , 2017 , 4, 170122	8.2	1080
195	No saturation in the accumulation of alien species worldwide. <i>Nature Communications</i> , 2017 , 8, 14435	17.4	863
194	Global patterns and determinants of vascular plant diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 5925-30	11.5	810
193	Environmental heterogeneity as a universal driver of species richness across taxa, biomes and spatial scales. <i>Ecology Letters</i> , 2014 , 17, 866-80	10	798
192	A global assessment of endemism and species richness across island and mainland regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 9322-7	11.5	683
191	Global exchange and accumulation of non-native plants. <i>Nature</i> , 2015 , 525, 100-3	50.4	508
190	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , 2020 , 26, 119-188	11.4	399
189	A framework for delineating biogeographical regions based on species distributions. <i>Journal of Biogeography</i> , 2010 , 37, 2029-2053	4.1	388
188	Global patterns of plant diversity and floristic knowledge. <i>Journal of Biogeography</i> , 2005 , 32, 1107-1116	4.1	373
187	Global priorities for an effective information basis of biodiversity distributions. <i>Nature Communications</i> , 2015 , 6, 8221	17.4	231
186	Naturalized alien flora of the world. <i>Preslia</i> , 2017 , 89, 203-274	3.9	230
185	Multidimensional biases, gaps and uncertainties in global plant occurrence information. <i>Ecology Letters</i> , 2016 , 19, 992-1006	10	226
184	Specialization of mutualistic interaction networks decreases toward tropical latitudes. <i>Current Biology</i> , 2012 , 22, 1925-31	6.3	223
183	Global conservation significance of Ecuador's Yasuni National Park. <i>PLoS ONE</i> , 2010 , 5, e8767	3.7	222
182	Global hotspots and correlates of alien species richness across taxonomic groups. <i>Nature Ecology and Evolution</i> , 2017 , 1,	12.3	196
181	Global diversity of island floras from a macroecological perspective. <i>Ecology Letters</i> , 2008 , 11, 116-27	10	196
180	Geological and climatic influences on mountain biodiversity. <i>Nature Geoscience</i> , 2018 , 11, 718-725	18.3	187

179	All is not loss: plant biodiversity in the anthropocene. <i>PLoS ONE</i> , 2012 , 7, e30535	3.7	159
178	Bioclimatic and physical characterization of the world's islands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 15307-12	11.5	154
177	Late Quaternary climate change shapes island biodiversity. <i>Nature</i> , 2016 , 532, 99-102	50.4	147
176	A review of the ecosystem functions in oil palm plantations, using forests as a reference system. <i>Biological Reviews</i> , 2017 , 92, 1539-1569	13.5	145
175	Ecological and socio-economic functions across tropical land use systems after rainforest conversion. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	143
174	Geographic patterns of vascular plant diversity at continental to global scales. <i>Erdkunde</i> , 2007 , 61, 305-315	13.5	136
173	The changing role of ornamental horticulture in alien plant invasions. <i>Biological Reviews</i> , 2018 , 93, 1421-1437	14.37	131
172	What's on the horizon for macroecology?. <i>Ecography</i> , 2012 , 35, 673-683	6.5	129
171	Biodiversity at risk under future cropland expansion and intensification. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1129-1135	12.3	122
170	Land-use choices follow profitability at the expense of ecological functions in Indonesian smallholder landscapes. <i>Nature Communications</i> , 2016 , 7, 13137	17.4	116
169	Quantifying island isolation - insights from global patterns of insular plant species richness. <i>Ecography</i> , 2013 , 36, 417-429	6.5	115
168	Geographical sampling bias in a large distributional database and its effects on species richness-environment models. <i>Journal of Biogeography</i> , 2013 , 40, 1415-1426	4.1	109
167	Diversity and biogeography of vascular epiphytes in Western Amazonia, Yasuní, Ecuador. <i>Journal of Biogeography</i> , 2004 , 31, 1463-1476	4.1	105
166	Large-scale diversity patterns of vascular epiphytes in Neotropical montane rain forests. <i>Journal of Biogeography</i> , 2004 , 31, 1477-1487	4.1	104
165	Contrasting environmental and regional effects on global pteridophyte and seed plant diversity. <i>Ecography</i> , 2010 , 33, 408-419	6.5	102
164	Terminology and quantification of environmental heterogeneity in species-richness research. <i>Biological Reviews</i> , 2015 , 90, 815-36	13.5	84
163	Global associations between terrestrial producer and vertebrate consumer diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 269-78	4.4	84
162	Oceanic island biogeography through the lens of the general dynamic model: assessment and prospect. <i>Biological Reviews</i> , 2017 , 92, 830-853	13.5	83

161	The significance of geographic range size for spatial diversity patterns in Neotropical palms. <i>Ecography</i> , 2006 , 29, 21-30	6.5	81
160	Direct and cascading impacts of tropical land-use change on multi-trophic biodiversity. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1511-1519	12.3	77
159	The Emerging Soybean Production Frontier in Southern Africa: Conservation Challenges and the Role of South-South Telecouplings. <i>Conservation Letters</i> , 2016 , 9, 21-31	6.9	76
158	The Global Naturalized Alien Flora (GloNAF) database. <i>Ecology</i> , 2019 , 100, e02542	4.6	75
157	Projected impacts of climate change on regional capacities for global plant species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 2271-80	4.4	73
156	Global patterns and drivers of phylogenetic structure in island floras. <i>Scientific Reports</i> , 2015 , 5, 12213	4.9	68
155	Remoteness promotes biological invasions on islands worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9270-9275	11.5	66
154	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. <i>Environmental and Experimental Botany</i> , 2018 , 152, 68-89	5.9	65
153	Land use options for staying within the Planetary Boundaries [Synergies and trade-offs between global and local sustainability goals. <i>Global Environmental Change</i> , 2018 , 49, 73-84	10.1	63
152	Climate change will increase the naturalization risk from garden plants in Europe. <i>Global Ecology and Biogeography</i> , 2017 , 26, 43-53	6.1	63
151	Plants capable of selfing are more likely to become naturalized. <i>Nature Communications</i> , 2016 , 7, 13313	17.4	57
150	Global gaps in soil biodiversity data. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1042-1043	12.3	56
149	Plant diversity, forest dependency, and alien plant invasions in tropical agricultural landscapes. <i>Biological Conservation</i> , 2017 , 213, 234-242	6.2	56
148	Global patterns of agricultural land-use intensity and vertebrate diversity. <i>Diversity and Distributions</i> , 2015 , 21, 1308-1318	5	53
147	Trade-offs between multifunctionality and profit in tropical smallholder landscapes. <i>Nature Communications</i> , 2020 , 11, 1186	17.4	52
146	Functional leaf traits of vascular epiphytes: vertical trends within the forest, intra- and interspecific trait variability, and taxonomic signals. <i>Functional Ecology</i> , 2016 , 30, 188-198	5.6	52
145	Global mismatches in aboveground and belowground biodiversity. <i>Conservation Biology</i> , 2019 , 33, 1187-1192	5.0	50
144	Dissecting global turnover in vascular plants. <i>Global Ecology and Biogeography</i> , 2017 , 26, 228-242	6.1	50

143	GIFT Δ Global Inventory of Floras and Traits for macroecology and biogeography. <i>Journal of Biogeography</i> , 2020 , 47, 16-43	4.1	50
142	A million and more trees for science. <i>Nature Ecology and Evolution</i> , 2018 , 2, 763-766	12.3	49
141	Historical biome distribution and recent human disturbance shape the diversity of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2017 , 216, 227-238	9.8	47
140	Delineating probabilistic species pools in ecology and biogeography. <i>Global Ecology and Biogeography</i> , 2016 , 25, 489-501	6.1	47
139	Mycorrhizal fungi influence global plant biogeography. <i>Nature Ecology and Evolution</i> , 2019 , 3, 424-429	12.3	44
138	Asynchronous exposure to global warming: freshwater resources and terrestrial ecosystems. <i>Environmental Research Letters</i> , 2013 , 8, 034032	6.2	43
137	Herbarium collections and field data-based plant diversity maps for Burkina Faso. <i>Diversity and Distributions</i> , 2005 , 11, 509-516	5	43
136	Comment on "An update of Wallace's zoogeographic regions of the world". <i>Science</i> , 2013 , 341, 343	33.3	42
135	Naturalization of European plants on other continents: The role of donor habitats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 13756-13761	11.5	42
134	Biogeographic, climatic and spatial drivers differentially affect β and α diversities on oceanic archipelagos. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20133246	4.4	41
133	Environmental and socio-economic factors shaping the geography of floristic collections in China. <i>Global Ecology and Biogeography</i> , 2014 , 23, 1284-1292	6.1	41
132	Winners and losers of national and global efforts to reconcile agricultural intensification and biodiversity conservation. <i>Global Change Biology</i> , 2018 , 24, 2212-2228	11.4	40
131	Global Island Monitoring Scheme (GIMS): a proposal for the long-term coordinated survey and monitoring of native island forest biota. <i>Biodiversity and Conservation</i> , 2018 , 27, 2567-2586	3.4	40
130	Experimental Biodiversity Enrichment in Oil-Palm-Dominated Landscapes in Indonesia. <i>Frontiers in Plant Science</i> , 2016 , 7, 1538	6.2	39
129	Biodiversity data integration-the significance of data resolution and domain. <i>PLoS Biology</i> , 2019 , 17, e3000183	11.3	38
128	Differences in species-area relationships among the major lineages of land plants: a macroecological perspective. <i>Global Ecology and Biogeography</i> , 2014 , 23, 1275-1283	6.1	38
127	Economic use of plants is key to their naturalization success. <i>Nature Communications</i> , 2020 , 11, 3201	17.4	37
126	Land-use history determines ecosystem services and conservation value in tropical agroforestry. <i>Conservation Letters</i> , 2020 , 13, e12740	6.9	35

125	Accounting for geographical variation in species-area relationships improves the prediction of plant species richness at the global scale. <i>Journal of Biogeography</i> , 2014 , 41, 261-273	4.1	35
124	Patterns and drivers of zoogeographical regions of terrestrial vertebrates in China. <i>Journal of Biogeography</i> , 2017 , 44, 1172-1184	4.1	35
123	Range geometry and socio-economics dominate species-level biases in occurrence information. <i>Global Ecology and Biogeography</i> , 2016 , 25, 1181-1193	6.1	35
122	Reducing Fertilizer and Avoiding Herbicides in Oil Palm Plantations: Ecological and Economic Valuations. <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7	34
121	Linking ecological niche, community ecology and biogeography: insights from a mechanistic niche model. <i>Journal of Biogeography</i> , 2012 , 39, 2212-2224	4.1	34
120	Macroecology in the age of Big Data [Where to go from here?]. <i>Journal of Biogeography</i> , 2020 , 47, 1-12	4.1	34
119	The role of adaptive strategies in plant naturalization. <i>Ecology Letters</i> , 2018 , 21, 1380-1389	10	32
118	Drivers of the relative richness of naturalized and invasive plant species on Earth. <i>AoB PLANTS</i> , 2019 , 11, plz051	2.9	31
117	Differential effects of environmental heterogeneity on global mammal species richness. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1072-1083	6.1	31
116	Global patterns and climatic controls of forest structural complexity. <i>Nature Communications</i> , 2021 , 12, 519	17.4	31
115	Oil-palm yields in diversified plantations: Initial results from a biodiversity enrichment experiment in Sumatra, Indonesia. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 240, 253-260	5.7	29
114	Naturalization of ornamental plant species in public green spaces and private gardens. <i>Biological Invasions</i> , 2017 , 19, 3613-3627	2.7	27
113	Island biogeography from regional to local scales: evidence for a spatially scaled echo pattern of fern diversity in the Southeast Asian archipelago. <i>Journal of Biogeography</i> , 2014 , 41, 250-260	4.1	27
112	Branchfall as a Demographic Filter for Epiphyte Communities: Lessons from Forest Floor-Based Sampling. <i>PLoS ONE</i> , 2015 , 10, e0128019	3.7	25
111	Plants on small islands revisited: the effects of spatial scale and habitat quality on the species-area relationship. <i>Ecography</i> , 2019 , 42, 1405-1414	6.5	24
110	Heterogeneity-diversity relationships differ between and within trophic levels in temperate forests. <i>Nature Ecology and Evolution</i> , 2020 , 4, 1204-1212	12.3	24
109	Mixed-species tree plantings enhance structural complexity in oil palm plantations. <i>Agriculture, Ecosystems and Environment</i> , 2019 , 283, 106564	5.7	23
108	European ornamental garden flora as an invasion debt under climate change. <i>Journal of Applied Ecology</i> , 2018 , 55, 2386-2395	5.8	23

107	Species-richness patterns of the living collections of the world's botanic gardens: a matter of socio-economics?. <i>Annals of Botany</i> , 2010 , 105, 689-96	4.1	23
106	Island disharmony revisited using orchids as a model group. <i>New Phytologist</i> , 2019 , 223, 597-606	9.8	22
105	Effects of land-use change on vascular epiphyte diversity in Sumatra (Indonesia). <i>Biological Conservation</i> , 2016 , 202, 20-29	6.2	22
104	Domestic gardens play a dominant role in selecting alien species with adaptive strategies that facilitate naturalization. <i>Global Ecology and Biogeography</i> , 2019 , 28, 628-639	6.1	21
103	DNA barcoding of flowering plants in Sumatra, Indonesia. <i>Ecology and Evolution</i> , 2019 , 9, 1858-1868	2.8	21
102	Tall-statured grasses: a useful functional group for invasion science. <i>Biological Invasions</i> , 2019 , 21, 37-58	2.7	21
101	Snapshot isolation and isolation history challenge the analogy between mountains and islands used to understand endemism. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1651-1673	6.1	20
100	Drone-Based Assessment of Canopy Cover for Analyzing Tree Mortality in an Oil Palm Agroforest. <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7	19
99	Why tree lines are lower on islands? Climatic and biogeographic effects hold the answer. <i>Global Ecology and Biogeography</i> , 2019 , 28, 839-850	6.1	19
98	Assessing potential effects of land use and climate change on mammal distributions in northern Thailand. <i>Wildlife Research</i> , 2014 , 41, 522	1.8	18
97	Transpiration on the rebound in lowland Sumatra. <i>Agricultural and Forest Meteorology</i> , 2019 , 274, 160-175	18	17
96	For the sake of resilience and multifunctionality, let's diversify planted forests!. <i>Conservation Letters</i> , e12829	6.9	17
95	Assessing predicted isolation effects from the general dynamic model of island biogeography with an eco-evolutionary model for plants. <i>Journal of Biogeography</i> , 2019 , 46, 1569	4.1	16
94	Diversity and composition of herbaceous angiosperms along gradients of elevation and forest-use intensity. <i>PLoS ONE</i> , 2017 , 12, e0182893	3.7	16
93	Range size and climatic niche correlate with the vulnerability of epiphytes to human land use in the tropics. <i>Journal of Biogeography</i> , 2013 , 40, 963-976	4.1	16
92	Physiological diversity and biogeography of vascular epiphytes at R̄ Changuinola, Panama. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011 , 206, 66-79	1.9	16
91	Comparison of Methods for Estimating Bird Abundance and Trends From Historical Count Data. <i>Journal of Wildlife Management</i> , 2008 , 72, 1674-1682	1.9	16
90	Current climate, isolation and history drive global patterns of tree phylogenetic endemism. <i>Global Ecology and Biogeography</i> , 2020 , 29, 4-15	6.1	16

89	Global fern and lycophyte richness explained: How regional and local factors shape plot richness. <i>Journal of Biogeography</i> , 2020 , 47, 59-71	4.1	16
88	Species-area relationships on small islands differ among plant growth forms. <i>Global Ecology and Biogeography</i> , 2020 , 29, 814-829	6.1	15
87	How a measure of tree structural complexity relates to architectural benefit-to-cost ratio, light availability, and growth of trees. <i>Ecology and Evolution</i> , 2019 , 9, 7134-7142	2.8	15
86	EpiList 1.0: a global checklist of vascular epiphytes. <i>Ecology</i> , 2021 , 102, e03326	4.6	15
85	Leaf-IT: An Android application for measuring leaf area. <i>Ecology and Evolution</i> , 2017 , 7, 9731-9738	2.8	14
84	Interactions between ecological, evolutionary and environmental processes unveil complex dynamics of insular plant diversity. <i>Journal of Biogeography</i> , 2019 , 46, 1582	4.1	14
83	Integrating DNA Barcoding and Traditional Taxonomy for the Identification of Dipterocarps in Remnant Lowland Forests of Sumatra. <i>Plants</i> , 2019 , 8,	4.5	14
82	Bird diversity and endemism along a land-use gradient in Madagascar: The conservation value of vanilla agroforests. <i>Biotropica</i> , 2021 , 53, 179-190	2.3	14
81	Tree performance in a biodiversity enrichment experiment in an oil palm landscape. <i>Journal of Applied Ecology</i> , 2019 , 56, 2340-2352	5.8	13
80	Vascular Plant Diversity in a Changing World: Global Centres and Biome-Specific Patterns 2011 , 83-96		13
79	Functional losses in ground spider communities due to habitat structure degradation under tropical land-use change. <i>Ecology</i> , 2020 , 101, e02957	4.6	13
78	Will climate change increase hybridization risk between potential plant invaders and their congeners in Europe?. <i>Diversity and Distributions</i> , 2017 , 23, 934-943	5	12
77	Island floras are not necessarily more species poor than continental ones. <i>Journal of Biogeography</i> , 2015 , 42, 8-10	4.1	12
76	The general dynamic model of island biogeography revisited at the level of major flowering plant families. <i>Journal of Biogeography</i> , 2017 , 44, 1029-1040	4.1	12
75	Listening to a changing landscape: Acoustic indices reflect bird species richness and plot-scale vegetation structure across different land-use types in north-eastern Madagascar. <i>Ecological Indicators</i> , 2021 , 120, 106929	5.8	12
74	Source pools and disharmony of the world's island floras. <i>Ecography</i> , 2021 , 44, 44-55	6.5	12
73	Response of tree diversity and community composition to forest use intensity along a tropical elevational gradient. <i>Applied Vegetation Science</i> , 2020 , 23, 69-79	3.3	10
72	Facultative mycorrhizal associations promote plant naturalization worldwide. <i>Ecosphere</i> , 2019 , 10, e029371	3.7	10

71	Contrasting patterns of naturalized plant richness in the Americas: Numbers are higher in the North but expected to rise sharply in the South. <i>Global Ecology and Biogeography</i> , 2019 , 28, 779-783	6.1	9
70	Requirements of plant species are linked to area and determine species pool and richness on small islands. <i>Journal of Vegetation Science</i> , 2019 , 30, 599-609	3.1	9
69	Influence of different species range types on the perception of macroecological patterns. <i>Systematics and Biodiversity</i> , 2011 , 9, 159-170	1.7	9
68	Autofertility and self-compatibility moderately benefit island colonization of plants. <i>Global Ecology and Biogeography</i> , 2019 , 28, 341-352	6.1	9
67	Agriculture rivals biomes in predicting global species richness. <i>Ecography</i> , 2017 , 40, 1118-1128	6.5	8
66	A global test of the subsidized island biogeography hypothesis. <i>Global Ecology and Biogeography</i> , 2020 , 29, 320-330	6.1	8
65	Similar factors underlie tree abundance in forests in native and alien ranges. <i>Global Ecology and Biogeography</i> , 2020 , 29, 281-294	6.1	8
64	Effects of forest-use intensity on vascular epiphyte diversity along an elevational gradient. <i>Diversity and Distributions</i> , 2020 , 26, 4-15	5	8
63	Disentangling native and alien plant diversity in coastal sand dune ecosystems worldwide. <i>Journal of Vegetation Science</i> , 2021 , 32,	3.1	8
62	Tropical rainforest conversion and land use intensification reduce understorey plant phylogenetic diversity. <i>Journal of Applied Ecology</i> , 2018 , 55, 2216-2226	5.8	7
61	South Africa as a Donor of Naturalised and Invasive Plants to Other Parts of the World 2020 , 759-785		7
60	GIFT [A Global Inventory of Floras and Traits for macroecology and biogeography		7
59	Shade-Tree Rehabilitation in Vanilla Agroforests is Yield Neutral and May Translate into Landscape-Scale Canopy Cover Gains. <i>Ecosystems</i> , 2021 , 24, 1253-1267	3.9	7
58	Scientists' warning - The outstanding biodiversity of islands is in peril. <i>Global Ecology and Conservation</i> , 2021 , 31, e01847	2.8	7
57	Environmental heterogeneity predicts global species richness patterns better than area. <i>Global Ecology and Biogeography</i> , 2021 , 30, 842-851	6.1	7
56	Functional traits are key to understanding orchid diversity on islands. <i>Ecography</i> , 2021 , 44, 703-714	6.5	7
55	Integration and synthesis of quantitative data: Alexander von Humboldt's renewed relevance in modern biogeography and ecology. <i>Frontiers of Biogeography</i> , 2019 , 11,	2.9	6
54	Environmental heterogeneity dynamics drive plant diversity on oceanic islands. <i>Journal of Biogeography</i> , 2020 , 47, 2248-2260	4.1	6

53	sPlotOpen  An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1740-1764	6.1	6
52	Cenozoic evolution of beta diversity and a Pleistocene emergence for modern mammal faunas in China. <i>Global Ecology and Biogeography</i> , 2018 , 27, 1326-1338	6.1	6
51	The role of fruit heteromorphism in the naturalization of Asteraceae. <i>Annals of Botany</i> , 2019 , 123, 1043-1052	4.5	5
50	Functional diversity and redundancy of tropical forests shift with elevation and forest-use intensity. <i>Journal of Applied Ecology</i> , 2021 , 58, 1827-1837	5.8	5
49	Role of diversification rates and evolutionary history as a driver of plant naturalization success. <i>New Phytologist</i> , 2021 , 229, 2998-3008	9.8	5
48	Agent-based modeling of the effects of forest dynamics, selective logging, and fragment size on epiphyte communities. <i>Ecology and Evolution</i> , 2021 , 11, 2937-2951	2.8	5
47	A roadmap to plant functional island biogeography. <i>Biological Reviews</i> , 2021 , 96, 2851-2870	13.5	5
46	EpIG-DB: A database of vascular epiphyte assemblages in the Neotropics. <i>Journal of Vegetation Science</i> , 2020 , 31, 518-528	3.1	4
45	Life-history dimensions indicate non-random assembly processes in tropical island tree communities. <i>Ecography</i> , 2021 , 44, 469-480	6.5	4
44	Disharmony of the world's island floras		4
43	Scientific floras can be reliable sources for some trait data in a system with poor coverage in global trait databases. <i>Journal of Vegetation Science</i> , 2021 , 32, e12996	3.1	4
42	Persistent soil seed banks promote naturalisation and invasiveness in flowering plants. <i>Ecology Letters</i> , 2021 , 24, 1655-1667	10	4
41	Dimensions of invasiveness: Links between local abundance, geographic range size, and habitat breadth in Europe's alien and native floras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
40	Latitudinal patterns of alien plant invasions. <i>Journal of Biogeography</i> , 2021 , 48, 253-262	4.1	4
39	Synthesis reveals that island species-area relationships emerge from processes beyond passive sampling. <i>Global Ecology and Biogeography</i> , 2021 , 30, 2119-2131	6.1	4
38	Vascular epiphytes contribute disproportionately to global centres of plant diversity. <i>Global Ecology and Biogeography</i> , 2022 , 31, 62	6.1	4
37	Extinction thresholds and negative responses of Afrotropical ant-following birds to forest cover loss in oil palm and agroforestry landscapes. <i>Basic and Applied Ecology</i> , 2019 , 39, 26-37	3.2	3
36	Effects of land-use change and related pressures on alien and native subsets of island communities. <i>PLoS ONE</i> , 2020 , 15, e0227169	3.7	3

35	A new dataset on plant occurrences on small islands, including species abundances and functional traits across different spatial scales. <i>Biodiversity Data Journal</i> , 2020 , 8, e55275	1.8	3
34	Synthesizing tree biodiversity data to understand global patterns and processes of vegetation. <i>Journal of Vegetation Science</i> , 2021 , 32, e13021	3.1	3
33	Legacy of archipelago history in modern island biodiversity [An agent-based simulation model. <i>Global Ecology and Biogeography</i> , 2021 , 30, 247-261	6.1	3
32	Functional trait dimensions of trophic metacommunities. <i>Ecography</i> , 2021 , 44, 1486-1500	6.5	3
31	The global loss of floristic uniqueness.. <i>Nature Communications</i> , 2021 , 12, 7290	17.4	2
30	Biodiversity Data Integration: The significance of data resolution and domain. <i>Biodiversity Information Science and Standards</i> ,3,		2
29	Mycorrhizal types influence island biogeography of plants. <i>Communications Biology</i> , 2021 , 4, 1128	6.7	2
28	Influence of Light and Substrate Conditions on Regeneration of Native Tree Saplings in the Hawaiian Lowland Wet Forest1. <i>Pacific Science</i> , 2021 , 75,	0.9	2
27	Disentangling direct and indirect effects of island area on plant functional trait distributions. <i>Journal of Biogeography</i> , 2021 , 48, 2098-2110	4.1	2
26	Evolutionary winners are ecological losers among oceanic island plants. <i>Journal of Biogeography</i> , 2021 , 48, 2186-2198	4.1	2
25	Kommunales Klimaschutzmanagement. <i>Raumforschung Und Raumordnung / Spatial Research and Planning</i> , 2010 , 68, 397-407	0.5	1
24	Plant longevity, drought and island isolation favoured rampant evolutionary transitions towards insular woodiness		1
23	Environmental and socioeconomic correlates of extinction risk in endemic species. <i>Diversity and Distributions</i> , 2022 , 28, 53	5	1
22	Interactions between ecological, evolutionary, and environmental processes unveil complex dynamics of island biodiversity		1
21	Effects of land-use change and related pressures on alien and native subsets of island communities		1
20	Effects of time and isolation on plant diversity: testing island biogeography theory with an eco-evolutionary model		1
19	Differential responses of amphibians and reptiles to land-use change in the biodiversity hotspot of north-eastern Madagascar		1
18	Climate and socio-economic factors explain differences between observed and expected naturalization patterns of European plants around the world. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1514-1531	6.1	1

17	Vascular epiphytes contribute disproportionately to global centres of plant diversity		1
16	Potential alien ranges of European plants will shrink in the future, but less so for already naturalized than for not yet naturalized species. <i>Diversity and Distributions</i> , 2021 , 27, 2063	5	1
15	Spider traps amphibian in northeastern Madagascar. <i>Ecology and Evolution</i> , 2021 , 11, 682-687	2.8	1
14	Observation-based implementation of ecophysiological processes for a rubber plant functional type in the community land model (CLM4.5-rubber_v1) 2018 ,		1
13	Scattered trees in an oil palm landscape: Density, size and distribution. <i>Global Ecology and Conservation</i> , 2021 , 28, e01688	2.8	1
12	Phylogenetic structure of alien plant species pools from European donor habitats. <i>Global Ecology and Biogeography</i> , 2021 ,	6.1	1
11	BIOVERA-Tree: tree diversity, community composition, forest structure and functional traits along gradients of forest-use intensity and elevation in Veracruz, Mexico. <i>Biodiversity Data Journal</i> , 2021 , 9, e69560	1.8	1
10	Plant Invasions in Africa 2022 , 225-252		1
9	European Plant Invasions 2022 , 151-165		1
8	Implementing a New Rubber Plant Functional Type in the Community Land Model (CLM5) Improves Accuracy of Carbon and Water Flux Estimation. <i>Land</i> , 2022 , 11, 183	3.5	0
7	Anthropogenic and environmental drivers shape diversity of naturalized plants across the Pacific. <i>Diversity and Distributions</i> , 2021 , 27, 1120-1133	5	0
6	Niche properties constrain occupancy but not abundance patterns of native and alien woody species across Hawaiian forests. <i>Journal of Vegetation Science</i> , 2021 , 32, e13025	3.1	0
5	Spaceborne height models reveal above ground biomass changes in tropical landscapes. <i>Forest Ecology and Management</i> , 2021 , 497, 119497	3.9	0
4	Microclimate and land surface temperature in a biodiversity enriched oil palm plantation. <i>Forest Ecology and Management</i> , 2021 , 497, 119480	3.9	0
3	Modelling the long-term dynamics of tropical forests: From leaf traits to whole-tree growth patterns. <i>Ecological Modelling</i> , 2021 , 460, 109735	3	0
2	Water and energy availability mediate biodiversity patterns along an elevational gradient in the tropical Andes. <i>Journal of Biogeography</i> , 2022 , 49, 712-726	4.1	0
1	Dataset on microclimate and drone-based thermal patterns within an oil palm agroforestry system. <i>Data in Brief</i> , 2021 , 39, 107615	1.2	