Wilfried Thuiller

List of Publications by Year
in descending order

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329 papers	64,348 citations	1377 111 h-index	1096 239 g-index
346 all docs	346 docs citations	346 times ranked	49606 citing authors

#	Article	IF	Citations
1	An appraisal of graph embeddings for comparing trophic network architectures. Methods in Ecology and Evolution, 2022, 13, 203-216.	2.2	5
2	TaxoNERD: Deep neural models for the recognition of taxonomic entities in the ecological and evolutionary literature. Methods in Ecology and Evolution, 2022, 13, 625-641.	2.2	16
3	Traitâ€based projections of climate change effects on global biome distributions. Diversity and Distributions, 2022, 28, 25-37.	1.9	16
4	Functionally distinct tree species support long-term productivity in extreme environments. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211694.	1.2	6
5	Addressing the Eltonian shortfall with traitâ€based interaction models. Ecology Letters, 2022, 25, 889-899.	3.0	17
6	Plant community impact on productivity: Trait diversity or key(stone) species effects?. Ecology Letters, 2022, 25, 913-925.	3.0	26
7	Ecological network complexity scales with area. Nature Ecology and Evolution, 2022, 6, 307-314.	3.4	35
8	Editorial: Predicting and Managing Climate-Driven Range Shifts in Plants. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	3
9	The diversity of biotic interactions complements functional and phylogenetic facets of biodiversity. Current Biology, 2022, 32, 2093-2100.e3.	1.8	25
10	Energy and physiological tolerance explain multiâ€trophic soil diversity in temperate mountains. Diversity and Distributions, 2022, 28, 2549-2564.	1.9	7
11	Tempo and drivers of plant diversification in the European mountain system. Nature Communications, 2022, 13, 2750.	5.8	15
12	Applying convolutional neural networks to speed up environmental DNA annotation in a highly diverse ecosystem. Scientific Reports, 2022, 12, .	1.6	2
13	Differential effects of soil trophic networks on microbial decomposition activity in mountain ecosystems. Soil Biology and Biochemistry, 2022, 172, 108771.	4.2	4
14	Effects of soil preservation for biodiversity monitoring using environmental DNA. Molecular Ecology, 2021, 30, 3313-3325.	2.0	21
15	Forest structure, not climate, is the primary driver of functional diversity in northeastern North America. Science of the Total Environment, 2021, 762, 143070.	3.9	19
16	Demographic performance of European tree species at their hot and cold climatic edges. Journal of Ecology, 2021, 109, 1041-1054.	1.9	23
17	Influence of climate, soil, and land cover on plant species distribution in the European Alps. Ecological Monographs, 2021, 91, e01433.	2.4	54
18	The spatial scaling of food web structure across European biogeographical regions. Ecography, 2021, 44, 653-664.	2.1	10

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19	Evolutionary assembly of flowering plants into sky islands. Nature Ecology and Evolution, 2021, 5, 640-646.	3.4	23
20	Clustering Species With Residual Covariance Matrix in Joint Species Distribution Models. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	10
21	A new European land systems representation accounting for landscape characteristics. Landscape Ecology, 2021, 36, 2215-2234.	1.9	17
22	Functional and Phylogenetic Diversityâ€“Area Relationships. , 2021, , 107-132.		3
23	Climate and socioâ€economic factors explain differences between observed and expected naturalization patterns of European plants around the world. Global Ecology and Biogeography, 2021, 30, 1514-1531.	2.7	8
24	On the Interpretations of Joint Modeling in Community Ecology. Trends in Ecology and Evolution, 2021, 36, 391-401.	4.2	75
25	The dimensionality and structure of species trait spaces. Ecology Letters, 2021, 24, 1988-2009.	3.0	63
26	Balancing conservation priorities for nature and for people in Europe. Science, 2021, 372, 856-860.	6.0	39
27	Maximizing regional biodiversity requires a mosaic of protection levels. PLoS Biology, 2021, 19, e3001195.	2.6	11
28	Benchmarking bioinformatic tools for fast and accurate eDNA metabarcoding species identification. Molecular Ecology Resources, 2021, 21, 2565-2579.	2.2	35
29	Altitudinal Zonation of Green Algae Biodiversity in the French Alps. Frontiers in Plant Science, 2021, 12, 679428.	1.7	22
30	Cascading effects of moth outbreaks on subarctic soil food webs. Scientific Reports, 2021, 11, 15054.	1.6	12
31	Potential alien ranges of European plants will shrink in the future, but less so for already naturalized than for not yet naturalized species. Diversity and Distributions, 2021, 27, 2063-2076.	1.9	7
32	Determinants of zoogeographical boundaries differ between vertebrate groups. Global Ecology and Biogeography, 2021, 30, 1796-1809.	2.7	13
33	Lags in phenological acclimation of mountain grasslands after recent warming. Journal of Ecology, 2021, 109, 3396-3410.	1.9	4
34	Strong links between plant traits and microbial activities but different abiotic drivers in mountain grasslands. Journal of Biogeography, 2021, 48, 2755-2770.	1.4	7
35	Novel methods to correct for observer and sampling bias in presenceâ€only species distribution models. Global Ecology and Biogeography, 2021, 30, 2312-2325.	2.7	21
36	Dynamics of Ecological Communities Following Current Retreat of Glaciers. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 405-426.	3.8	35

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37	Can functional genomic diversity provide novel insights into mechanisms of community assembly? A pilot study from an invaded alpine streambed. Ecology and Evolution, 2021, 11, 12075-12091.	0.8	0
38	Environmental and anthropogenic constraints on animal space use drive extinction risk worldwide. Ecology Letters, 2021, 24, 2576-2585.	3.0	19
39	Combining expertâ€based and computational approaches to design protected river networks under climate change. Diversity and Distributions, 2021, 27, 2428-2440.	1.9	4
40	Productivity begets less phylogenetic diversity but higher uniqueness than expected. Journal of Biogeography, 2020, 47, 44-58.	1.4	12
41	From environmental DNA sequences to ecological conclusions: How strong is the influence of methodological choices?. Journal of Biogeography, 2020, 47, 193-206.	1.4	76
42	Macroecology in the age of Big Data â€“ Where to go from here?. Journal of Biogeography, 2020, 47, 1-12.	1.4	81
43	The role of climate and biotic factors in shaping current distributions and potential future shifts of European Neocrepidodera (Coleoptera, Chrysomelidae). Insect Conservation and Diversity, 2020, 13, 47-62.	1.4	18
44	Model complexity affects species distribution projections under climate change. Journal of Biogeography, 2020, 47, 130-142.	1.4	106
45	Reconstructing the geographic and climatic origins of longâ€distance bird migrations. Journal of Biogeography, 2020, 47, 155-166.	1.4	49
46	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
47	Unveiling the food webs of tetrapods across Europe through the prism of the Eltonian niche. Journal of Biogeography, 2020, 47, 181-192.	1.4	38
48	Largeâ€scale earlyâ€wilting response of Central European forests to the 2018 extreme drought. Global Change Biology, 2020, 26, 7021-7035.	4.2	80
49	Global distribution and conservation status of ecologically rare mammal and bird species. Nature Communications, 2020, 11, 5071.	5.8	61
50	Climate, soil resources and microbial activity shape the distributions of mountain plants based on their functional traits. Ecography, 2020, 43, 1550-1559.	2.1	14
51	Protecting Biodiversity (in All Its Complexity): New Models and Methods. Trends in Ecology and Evolution, 2020, 35, 1119-1128.	4.2	101
52	Farmland bird assemblages exhibit higher functional and phylogenetic diversity than forest assemblages in France. Journal of Biogeography, 2020, 47, 2392-2404.	1.4	17
53	A standard protocol for reporting species distribution models. Ecography, 2020, 43, 1261-1277.	2.1	397
54	TETRAâ€EU 1.0: A speciesâ€level trophic metaweb of European tetrapods. Global Ecology and Biogeography, 2020, 29, 1452-1457.	2.7	26

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55	Assessing the reliability of predicted plant trait distributions at the global scale. Global Ecology and Biogeography, 2020, 29, 1034-1051.	2.7	36
56	Biogeography of intraspecific trait variability in matgrass (Nardus stricta): High phenotypic variation at the local scale exceeds large scale variability patterns. Perspectives in Plant Ecology, Evolution and Systematics, 2020, 46, 125555.	1.1	2
57	Dos and don'ts when inferring assembly rules from diversity patterns. Global Ecology and Biogeography, 2020, 29, 1212-1229.	2.7	83
58	The Treasure Vault Can be Opened: Large-Scale Genome Skimming Works Well Using Herbarium and Silica Gel Dried Material. Plants, 2020, 9, 432.	1.6	59
59	Spatial analyses of multiâ€trophic terrestrial vertebrate assemblages in Europe. Global Ecology and Biogeography, 2019, 28, 1636-1648.	2.7	27
60	Diversity indices for ecological networks: a unifying framework using Hill numbers. Ecology Letters, 2019, 22, 737-747.	3.0	49
61	Multiâ€trophic Î²â€diversity mediates the effect of environmental gradients on the turnover of multiple ecosystem functions. Functional Ecology, 2019, 33, 2053-2064.	1.7	26
62	Continentalâ€scale determinants of population trends in European amphibians and reptiles. Global Change Biology, 2019, 25, 3504-3515.	4.2	38
63	Identifying national responsibility species based on spatial conservation prioritization. Biological Conservation, 2019, 236, 411-419.	1.9	3
64	Trait structure and redundancy determine sensitivity to disturbance in marine fish communities. Global Change Biology, 2019, 25, 3424-3437.	4.2	68
65	Effects of climate change and horticultural use on the spread of naturalized alien garden plants in Europe. Ecography, 2019, 42, 1548-1557.	2.1	2
66	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. Ecological Monographs, 2019, 89, e01370.	2.4	290
67	Uncertainty in ensembles of global biodiversity scenarios. Nature Communications, 2019, 10, 1446.	5.8	236
68	Environmental and biotic drivers of soil microbial Î²â€diversity across spatial and phylogenetic scales. Ecography, 2019, 42, 2144-2156.	2.1	21
69	The productivity-biodiversity relationship varies across diversity dimensions. Nature Communications, 2019, 10, 5691.	5.8	64
70	Open access solutions for biodiversity journals: Do not replace one problem with another. Diversity and Distributions, 2019, 25, 5-8.	1.9	19
71	Environment and evolutionary history shape phylogenetic turnover in European tetrapods. Nature Communications, 2019, 10, 249.	5.8	32
72	Body size determines soil community assembly in a tropical forest. Molecular Ecology, 2019, 28, 528-543.	2.0	129

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73	Do joint species distribution models reliably detect interspecific interactions from coâ€•occurrence data in homogenous environments?. Ecography, 2018, 41, 1812-1819.	2.1	105
74	It takes one to know one: Similarity to resident alien species increases establishment success of new invaders. Diversity and Distributions, 2018, 24, 680-691.	1.9	25
75	Functional trait differences and trait plasticity mediate biotic resistance to potential plant invaders. Journal of Ecology, 2018, 106, 1607-1620.	1.9	50
76	Model averaging in ecology: a review of Bayesian, informationâ€theoretic, and tactical approaches for predictive inference. Ecological Monographs, 2018, 88, 485-504.	2.4	209
77	Improving spatial predictions of taxonomic, functional and phylogenetic diversity. Journal of Ecology, 2018, 106, 76-86.	1.9	21
78	Integrating correlation between traits improves spatial predictions of plant functional composition. Oikos, 2018, 127, 472-481.	1.2	19
79	Reprint of: Disentangling drivers of plant endemism and diversification in the European Alps - a phylogenetic and spatially explicit approach. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 30, 31-40.	1.1	7
80	Simulating plant invasion dynamics in mountain ecosystems under global change scenarios. Global Change Biology, 2018, 24, e289-e302.	4.2	54
81	The â€˜Hutchinsonian nicheâ€™ as an assemblage of demographic niches: implications for species geographic ranges. Ecography, 2018, 41, 1103-1113.	2.1	55
82	Comparing species interaction networks along environmental gradients. Biological Reviews, 2018, 93, 785-800.	4.7	203
83	Combining pointâ€process and landscape vegetation models to predict large herbivore distributions in space and timeâ€”A case study of Rupicapra rupicapra. Diversity and Distributions, 2018, 24, 352-362.	1.9	19
84	Life-History Traits Evolved Jointly with Climatic Niche and Disturbance Regime in the Genus Leucadendron (Proteaceae). American Naturalist, 2018, 191, 220-234.	1.0	11
85	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios. Geoscientific Model Development, 2018, 11, 4537-4562.	1.3	61
86	Integrating spatial and phylogenetic information in the fourthâ€corner analysis to test traitâ€“environment relationships. Ecology, 2018, 99, 2667-2674.	1.5	14
87	Drought effects on the stability of forest-grassland ecotones under gradual climate change. PLoS ONE, 2018, 13, e0206138.	1.1	13
88	Long-distance migratory birds threatened by multiple independent risks from global change. Nature Climate Change, 2018, 8, 992-996.	8.1	86
89	Functional traits modulate the response of alien plants along abiotic and biotic gradients. Global Ecology and Biogeography, 2018, 27, 1173-1185.	2.7	32
90	Global drivers of population density in terrestrial vertebrates. Global Ecology and Biogeography, 2018, 27, 968-979.	2.7	80

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91	Outstanding Challenges in the Transferability of Ecological Models. Trends in Ecology and Evolution, 2018, 33, 790-802.	4.2	403
92	Mapping the imprint of biotic interactions on Î²â€diversity. Ecology Letters, 2018, 21, 1660-1669.	3.0	40
93	Multifaceted biodiversity modelling at macroecological scales using Gaussian processes. Diversity and Distributions, 2018, 24, 1492-1502.	1.9	7
94	European ornamental garden flora as an invasion debt under climate change. Journal of Applied Ecology, 2018, 55, 2386-2395.	1.9	45
95	Extinction risk of North American seed plants elevated by climate and landâ€use change. Journal of Applied Ecology, 2017, 54, 303-312.	1.9	79
96	Unraveling the processes shaping mammalian gut microbiomes over evolutionary time. Nature Communications, 2017, 8, 14319.	5.8	357
97	Global determinants of zoogeographical boundaries. Nature Ecology and Evolution, 2017, 1, 89.	3.4	138
98	A dynamic eco-evolutionary model predicts slow response of alpine plants to climate warming. Nature Communications, 2017, 8, 15399.	5.8	153
99	The Geography of Ecological Niche Evolution in Mammals. Current Biology, 2017, 27, 1369-1374.	1.8	34
100	Large conservation gains possible for global biodiversity facets. Nature, 2017, 546, 141-144.	13.7	209
101	Will climate change increase hybridization risk between potential plant invaders and their congeners in Europe?. Diversity and Distributions, 2017, 23, 934-943.	1.9	19
102	Extinction debt and colonization credit delay range shifts of eastern North American trees. Nature Ecology and Evolution, 2017, 1, .	3.4	79
103	Functional Rarity: The Ecology of Outliers. Trends in Ecology and Evolution, 2017, 32, 356-367.	4.2	258
104	Crossâ€validation strategies for data with temporal, spatial, hierarchical, or phylogenetic structure. Ecography, 2017, 40, 913-929.	2.1	1,092
105	Unpacking ecosystem service bundles: Towards predictive mapping of synergies and trade-offs between ecosystem services. Global Environmental Change, 2017, 47, 37-50.	3.6	229
106	A Common Toolbox to Understand, Monitor or Manage Rarity? A Response to Carmona et al.. Trends in Ecology and Evolution, 2017, 32, 891-893.	4.2	4
107	The need for largeâ€scale distribution data to estimate regional changes in species richness under future climate change. Diversity and Distributions, 2017, 23, 1393-1407.	1.9	32
108	Global patterns of Î²â€diversity along the phylogenetic timeâ€scale: The role of climate and plate tectonics. Global Ecology and Biogeography, 2017, 26, 1211-1221.	2.7	46

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109	Observed long-term greening of alpine vegetationâ€"a case study in the French Alps. Environmental Research Letters, 2017, 12, 114006.	2.2	79
110	Protected areas offer refuge from invasive species spreading under climate change. Global Change Biology, 2017, 23, 5331-5343.	4.2	142
111	Disentangling drivers of plant endemism and diversification in the European Alps â€“ A phylogenetic and spatially explicit approach. Perspectives in Plant Ecology, Evolution and Systematics, 2017, 28, 19-27.	1.1	28
112	Extreme climate events counteract the effects of climate and landâ€use changes in <scp>A</scp>lpine tree lines. Journal of Applied Ecology, 2017, 54, 39-50.	1.9	31
113	Climate change will increase the naturalization risk from garden plants in Europe. Global Ecology and Biogeography, 2017, 26, 43-53.	2.7	87
114	Spatial scale and intraspecific trait variability mediate assembly rules in alpine grasslands. Journal of Ecology, 2017, 105, 277-287.	1.9	73
115	Nâ€dimensional hypervolumes to study stability of complex ecosystems. Ecology Letters, 2016, 19, 729-742.	3.0	51
116	Morphological variation in salamanders and their potential response to climate change. Global Change Biology, 2016, 22, 2013-2024.	4.2	25
117	What it takes to invade grassland ecosystems: traits, introduction history and filtering processes. Ecology Letters, 2016, 19, 219-229.	3.0	86
118	Influence of tree shape and evolutionary timeâ€scale on phylogenetic diversity metrics. Ecography, 2016, 39, 913-920.	2.1	118
119	Benchmarking novel approaches for modelling speciesÂrange dynamics. Global Change Biology, 2016, 22, 2651-2664.	4.2	180
120	A matter of scale: apparent niche differentiation of diploid and tetraploid plants may depend on extent and grain of analysis. Journal of Biogeography, 2016, 43, 716-726.	1.4	73
121	Matches and mismatches between national and EU-wide priorities: Examining the Natura 2000 network in vertebrate species conservation. Biological Conservation, 2016, 198, 193-201.	1.9	94
122	The meaning of functional trait composition of food webs for ecosystem functioning. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150268.	1.8	119
123	Understanding the evolution of holoparasitic plants: the complete plastid genome of the holoparasiteCytinus hypocistis(Cytinaceae). Annals of Botany, 2016, 118, 885-896.	1.4	55
124	Crossâ€scale integration of knowledge for predicting species ranges: a metamodelling framework. Global Ecology and Biogeography, 2016, 25, 238-249.	2.7	88
125	Improving phylogenetic regression under complex evolutionary models. Ecology, 2016, 97, 286-293.	1.5	18
126	Is There Any Evidence for Rapid, Genetically-Based, Climatic Niche Expansion in the Invasive Common Ragweed?. PLoS ONE, 2016, 11, e0152867.	1.1	19

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127	Gains and losses of plant species and phylogenetic diversity for a northern highâ€latitude region. Diversity and Distributions, 2015, 21, 1441-1454.	1.9	36
128	REVIEW: Predictive ecology in a changing world. Journal of Applied Ecology, 2015, 52, 1293-1310.	1.9	237
129	Disjunct populations of <scp>E</scp>uropean vascular plant species keep the same climatic niches. Global Ecology and Biogeography, 2015, 24, 1401-1412.	2.7	39
130	Additive effects of climate change on connectivity between marine protected areas and larval supply to fished areas. Diversity and Distributions, 2015, 21, 139-150.	1.9	71
131	Contrasting the effects of environment, dispersal and biotic interactions to explain the distribution of invasive plants in alpine communities. Biological Invasions, 2015, 17, 1407-1423.	1.2	42
132	Conserving the functional and phylogenetic trees of life of European tetrapods. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140005.	1.8	70
133	Mammalian phylogenetic diversityâ€“area relationships at a continental scale. Ecology, 2015, 96, 2814-2822.	1.5	24
134	Modelling snow cover duration improves predictions of functional and taxonomic diversity for alpine plant communities. Annals of Botany, 2015, 116, 1023-1034.	1.4	46
135	From species distributions to metaâ€communities. Ecology Letters, 2015, 18, 1321-1328.	3.0	92
136	Extending networks of protected areas to optimize connectivity and population growth rate. Ecography, 2015, 38, 273-282.	2.1	43
137	Phylogenetic niche conservatism â€“ common pitfalls and ways forward. Functional Ecology, 2015, 29, 627-639.	1.7	104
138	Balance between climate change mitigation benefits and land use impacts of bioenergy: conservation implications for European birds. GCB Bioenergy, 2015, 7, 741-751.	2.5	12
139	Decomposing changes in phylogenetic and functional diversity over space and time. Methods in Ecology and Evolution, 2015, 6, 109-118.	2.2	8
140	Tree cover at fine and coarse spatial grains interacts with shade tolerance to shape plant species distributions across the Alps. Ecography, 2015, 38, 578-589.	2.1	38
141	Testing the Effectiveness of Environmental Variables to Explain European Terrestrial Vertebrate Species Richness across Biogeographical Scales. PLoS ONE, 2015, 10, e0131924.	1.1	25
142	Indicators of climate: Ecrins National Park participates in long-term monitoring to help determine the effects of climate change. Eco Mont, 2015, 8, 44-52.	0.1	2
143	Statistical ecology comes of age. Biology Letters, 2014, 10, 20140698.	1.0	40
144	Accounting for tree line shift, glacier retreat and primary succession in mountain plant distribution models. Diversity and Distributions, 2014, 20, 1379-1391.	1.9	24

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145	Biodiversity Funds and Conservation Needs in the EU Under Climate Change. Conservation Letters, 2014, 7, 390-400.	2.8	26
146	The European functional tree of bird life in the face of global change. Nature Communications, 2014, 5, 3118.	5.8	52
147	Modelling plant species distribution in alpine grasslands using airborne imaging spectroscopy. Biology Letters, 2014, 10, 20140347.	1.0	26
148	Combining the fourthâ€corner and the RLQ methods for assessing trait responses to environmental variation. Ecology, 2014, 95, 14-21.	1.5	398
149	Spatial mismatch of phylogenetic diversity across three vertebrate groups and protected areas in Europe. Diversity and Distributions, 2014, 20, 674-685.	1.9	67
150	Multifaceted diversityâ€“area relationships reveal global hotspots of mammalian species, trait and lineage diversity. Global Ecology and Biogeography, 2014, 23, 836-847.	2.7	110
151	Anticipating the spatioâ€temporal response of plant diversity and vegetation structure to climate and land use change in a protected area. Ecography, 2014, 37, 1230-1239.	2.1	42
152	Neutral Biogeography and the Evolution of Climatic Niches. American Naturalist, 2014, 183, 573-584.	1.0	52
153	Asynchrony of taxonomic, functional and phylogenetic diversity in birds. Global Ecology and Biogeography, 2014, 23, 780-788.	2.7	91
154	Ensemble distribution models in conservation prioritization: from consensus predictions to consensus reserve networks. Diversity and Distributions, 2014, 20, 309-321.	1.9	92
155	Scale decisions can reverse conclusions on community assembly processes. Global Ecology and Biogeography, 2014, 23, 620-632.	2.7	63
156	Phylogenetic patterns of climatic, habitat and trophic niches in a <scp>E</scp>uropean avian assemblage. Global Ecology and Biogeography, 2014, 23, 414-424.	2.7	81
157	What do we gain from simplicity versus complexity in species distribution models?. Ecography, 2014, 37, 1267-1281.	2.1	438
158	The influence of interspecific interactions on species range expansion rates. Ecography, 2014, 37, 1198-1209.	2.1	196
159	Editorial commentary on â€˜Patterns and uncertainties of species' range shifts under climate changeâ€™. Global Change Biology, 2014, 20, 3593-3594.	4.2	78
160	Vulnerability of biodiversity hotspots to global change. Global Ecology and Biogeography, 2014, 23, 1376-1386.	2.7	282
161	A novel downscaling approach to predict plant invasions and improve local conservation actions. Biological Invasions, 2014, 16, 2577-2590.	1.2	21
162	Does probability of occurrence relate to population dynamics?. Ecography, 2014, 37, 1155-1166.	2.1	127

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163	Editorial commentary on â€˜<scp>BIOMOD</scp> â€“ optimizing predictions of species distributions and projecting potential future shifts under global changeâ€™. Global Change Biology, 2014, 20, 3591-3592.	4.2	126
164	Are different facets of plant diversity well protected against climate and land cover changes? A test study in the French Alps. Ecography, 2014, 37, 1254-1266.	2.1	52
165	Landscape structure and genetic architecture jointly impact rates of niche evolution. Ecography, 2014, 37, 1218-1229.	2.1	28
166	One Tree to Link Them All: A Phylogenetic Dataset for the European Tetrapoda. PLOS Currents, 2014, 6, .	1.4	18
167	Darwin's naturalization hypothesis: scale matters in coastal plant communities. Ecography, 2013, 36, 560-568.	2.1	62
168	Risk assessment for Iberian birds under global change. Biological Conservation, 2013, 168, 192-200.	1.9	32
169	Will climate change promote future invasions?. Global Change Biology, 2013, 19, 3740-3748.	4.2	477
170	Hierarchical effects of environmental filters on the functional structure of plant communities: a case study in the French Alps. Ecography, 2013, 36, 393-402.	2.1	250
171	Are species' responses to global change predicted by past niche evolution?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120091.	1.8	83
172	Limited evolutionary rescue of locally adapted populations facing climate change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120083.	1.8	136
173	Fineâ€scale regional distribution modelling of rare and threatened species: bridging <scp>GIS</scp> Tools and conservation in practice. Diversity and Distributions, 2013, 19, 651-663.	1.9	24
174	Building megaphylogenies for macroecology: taking up the challenge. Ecography, 2013, 36, 13-26.	2.1	79
175	Impacts of past habitat loss and future climate change on the range dynamics of South African Proteaceae. Diversity and Distributions, 2013, 19, 363-376.	1.9	33
176	Thermal niches are more conserved at cold than warm limits in arcticâ€alpine plant species. Global Ecology and Biogeography, 2013, 22, 933-941.	2.7	60
177	Unravelling the architecture of functional variability in wild populations of Polygonum viviparum L. Functional Ecology, 2013, 27, 382-391.	1.7	39
178	Disentangling the drivers of metacommunity structure across spatial scales. Journal of Biogeography, 2013, 40, 1560-1571.	1.4	113
179	Rare Species Support Vulnerable Functions in High-Diversity Ecosystems. PLoS Biology, 2013, 11, e1001569.	2.6	654
180	A road map for integrating ecoâ€evolutionary processes into biodiversity models. Ecology Letters, 2013, 16, 94-105.	3.0	215

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181	Do ecological differences between taxonomic groups influence the relationship between speciesâ€™ distributions and climate? A global metaâ€analysis using species distribution models. Ecography, 2013, 36, 657-664.	2.1	24
182	Replicated radiations of the alpine genus <scp>A</scp>ndrosace (Primulaceae) driven by range expansion and convergent key innovations. Journal of Biogeography, 2013, 40, 1874-1886.	1.4	57
183	Working toward integrated models of alpine plant distribution. Alpine Botany, 2013, 123, 41-53.	1.1	31
184	On the importance of edaphic variables to predict plant species distributions â€“ limits and prospects. Journal of Vegetation Science, 2013, 24, 591-592.	1.1	40
185	Low Connectivity between Mediterranean Marine Protected Areas: A Biophysical Modeling Approach for the Dusky Grouper Epinephelus marginatus. PLoS ONE, 2013, 8, e68564.	1.1	117
186	Extinction debt of high-mountain plants under twenty-first-century climate change. Nature Climate Change, 2012, 2, 619-622.	8.1	582
187	Improving plant functional groups for dynamic models of biodiversity: at the crossroads between functional and community ecology. Global Change Biology, 2012, 18, 3464-3475.	4.2	62
188	Ecological niche and species traits: key drivers of regional plant invader assemblages. Biological Invasions, 2012, 14, 1963-1980.	1.2	41
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