LoÃ¯c Pellissier

List of Publications by Year
in descending order

168 papers	11,758 citations	44069 48 h-index	34986 98 g-index
184 all docs	184 docs citations	184 times ranked	14695 citing authors

#	Article	IF	Citations
1	<scp>DNA</scp>â€based networks reveal the ecological determinants of plantâ€“herbivore interactions along environmental gradients. Molecular Ecology, 2023, 32, 6436-6448.	3.9	2
2	The effect of communityâ€wide phytochemical diversity on herbivory reverses from low to high elevation. Journal of Ecology, 2022, 110, 46-56.	4.0	10
3	How wild bees find a way in European cities: Pollen metabarcoding unravels multiple feeding strategies and their effects on distribution patterns in four wild bee species. Journal of Applied Ecology, 2022, 59, 457-470.	4.0	19
4	Functional Traits 2.0: The power of the metabolome for ecology. Journal of Ecology, 2022, 110, 4-20.	4.0	42
5	Evaluating bioinformatics pipelines for populationâ€level inference using environmental DNA. Environmental DNA, 2022, 4, 674-686.	5.8	10
6	A quantitative review of abundanceâ€based species distribution models. Ecography, 2022, 2022, .	4.5	37
7	Global plantâ€frugivore trait matching is shaped by climate and biogeographic history. Ecology Letters, 2022, 25, 686-696.	6.4	24
8	Similar trait structure and vulnerability in pelagic fish faunas on two remote island systems. Marine Biology, 2022, 169, 1.	1.5	0
9	Dispersal and habitat dynamics shape the genetic structure of the Northern chamois in the Alps. Journal of Biogeography, 2022, 49, 1848-1861.	3.0	3
10	Cross-ocean patterns and processes in fish biodiversity on coral reefs through the lens of eDNA metabarcoding. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220162.	2.6	14
11	An integrated highâ€resolution mapping shows congruent biodiversity patterns of Fagales and Pinales. New Phytologist, 2022, 235, 759-772.	7.3	7
12	Wild bee larval food composition in five European cities. Ecology, 2022, , e3740.	3.2	1
13	Disentangling the components of coastal fish biodiversity in southern Brittany by applying an environmental <scp>DNA</scp> approach. Environmental DNA, 2022, 4, 920-939.	5.8	6
14	Applying convolutional neural networks to speed up environmental DNA annotation in a highly diverse ecosystem. Scientific Reports, 2022, 12, .	3.3	2
15	Tracking sucking herbivory with nitrogen isotope labelling: Lessons from an individual trait-based approach. Basic and Applied Ecology, 2022, 63, 104-114.	2.7	0
16	Eco-evolutionary model on spatial graphs reveals how habitat structure affects phenotypic differentiation. Communications Biology, 2022, 5, .	4.4	3
17	Forecast increase in invasive rabbit spread into ecosystems of an oceanic island (Tenerife) under climate change. Ecological Applications, 2021, 31, e02206.	3.8	13
18	The structure of plantâ€“herbivore interaction networks varies along elevational gradients in the European Alps. Journal of Biogeography, 2021, 48, 465-476.	3.0	15

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19	Comparing environmental DNA metabarcoding and underwater visual census to monitor tropical reef fishes. Environmental DNA, 2021, 3, 142-156.	5.8	61
20	Saproxylic species are linked to the amount and isolation of dead wood across spatial scales in a beech forest. Landscape Ecology, 2021, 36, 89-104.	4.2	24
21	Detection of the elusive Dwarf sperm whale (<i>Kogia sima</i>) using environmental DNA at Malpelo island (Eastern Pacific, Colombia). Ecology and Evolution, 2021, 11, 2956-2962.	1.9	14
22	Low spatial autocorrelation in mountain biodiversity data and model residuals. Ecosphere, 2021, 12, e03403.	2.2	10
23	Changes in plant-herbivore network structure and robustness along land-use intensity gradients in grasslands and forests. Science Advances, 2021, 7, .	10.3	27
24	Linking functional traits and demography to model species-rich communities. Nature Communications, 2021, 12, 2724.	12.8	26
25	eDNA sampled from stream networks correlates with camera trap detection rates of terrestrial mammals. Scientific Reports, 2021, 11, 11362.	3.3	35
26	Comparing the performance of 12S mitochondrial primers for fish environmental DNA across ecosystems. Environmental DNA, 2021, 3, 1113-1127.	5.8	38
27	gen3sis: A general engine for eco-evolutionary simulations of the processes that shape Earthâ€™s biodiversity. PLoS Biology, 2021, 19, e3001340.	5.6	54
28	Detecting aquatic and terrestrial biodiversity in a tropical estuary using environmental DNA. Biotropica, 2021, 53, 1606-1619.	1.6	18
29	Patterns of taxonomic and functional diversity in the global cleaner reef fish fauna. Journal of Biogeography, 2021, 48, 2469-2485.	3.0	12
30	Use of environmental DNA in assessment of fish functional and phylogenetic diversity. Conservation Biology, 2021, 35, 1944-1956.	4.7	25
31	Species ecology explains the spatial components of genetic diversity in tropical reef fishes. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211574.	2.6	3
32	Earth history events shaped the evolution of uneven biodiversity across tropical moist forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	54
33	Applying predictive models to study the ecological properties of urban ecosystems: A case study in ZÃ¼rich, Switzerland. Landscape and Urban Planning, 2021, 214, 104137.	7.5	17
34	Spatial and evolutionary predictability of phytochemical diversity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	63
35	Coral reef fishes reveal strong divergence in the prevalence of traits along the global diversity gradient. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211712.	2.6	6
36	How many replicates to accurately estimate fish biodiversity using environmental DNA on coral reefs?. Ecology and Evolution, 2021, 11, 14630-14643.	1.9	28

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37	Influence of historical changes in tropical reef habitat on the diversification of coral reef fishes. Scientific Reports, 2021, 11, 20731.	3.3	4
38	Applying deep neural networks to predict incidence and phenology of plant pests and diseases. Ecosphere, 2021, 12, e03791.	2.2	11
39	Area, isolation and climate explain the diversity of mammals on islands worldwide. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211879.	2.6	4
40	Model complexity affects species distribution projections under climate change. Journal of Biogeography, 2020, 47, 130-142.	3.0	106
41	Plant physical and chemical traits associated with herbivory in situ and under a warming treatment. Journal of Ecology, 2020, 108, 733-749.	4.0	23
42	Integrating ecosystem services within spatial biodiversity conservation prioritization in the Alps. Ecosystem Services, 2020, 45, 101186.	5.4	40
43	Reptile species richness associated to ecological and historical variables in Iran. Scientific Reports, 2020, 10, 18167.	3.3	19
44	Contrasting responses of above- and below-ground herbivore communities along elevation. Oecologia, 2020, 194, 515-528.	2.0	8
45	Marine fish diversity in Tropical America associated with both past and present environmental conditions. Journal of Biogeography, 2020, 47, 2597-2610.	3.0	6
46	Greater topoclimatic control of aboveâ€•versus belowâ€ground communities. Global Change Biology, 2020, 26, 6715-6728.	9.5	11
47	Rapid climate change results in long-lasting spatial homogenization of phylogenetic diversity. Nature Communications, 2020, 11, 4663.	12.8	23
48	A landscapeâ€scale assessment of the relationship between grassland functioning, community diversity, and functional traits. Ecology and Evolution, 2020, 10, 9906-9919.	1.9	8
49	Inflection point in climatic suitability of insect pest species in Europe suggests nonâ€linear responses to climate change. Global Change Biology, 2020, 26, 6338-6349.	9.5	10
50	Novel trophic interactions under climate change promote alpine plant coexistence. Science, 2020, 370, 1469-1473.	12.6	51
51	Harnessing paleoâ€environmental modeling and genetic data to predict intraspecific genetic structure. Evolutionary Applications, 2020, 13, 1526-1542.	3.1	10
52	Crop and forest pest metawebs shift towards increased linkage and suitability overlap under climate change. Communications Biology, 2020, 3, 233.	4.4	34
53	A global database of soil nematode abundance and functional group composition. Scientific Data, 2020, 7, 103.	5.3	46
54	Global determinants of freshwater and marine fish genetic diversity. Nature Communications, 2020, 11, 692.	12.8	97

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55	Global vulnerability of marine mammals to global warming. Scientific Reports, 2020, 10, 548.	3.3	63
56	Consistency of spatioâ€temporal patterns of avian migration across the Swiss lowlands. Remote Sensing in Ecology and Conservation, 2020, 6, 198-211.	4.3	5
57	SoilTemp: A global database of nearâ€surface temperature. Global Change Biology, 2020, 26, 6616-6629.	9.5	122
58	Disentangling the processes driving plant assemblages in mountain grasslands across spatial scales and environmental gradients. Journal of Ecology, 2019, 107, 265-278.	4.0	26
59	The marine fish food web is globally connected. Nature Ecology and Evolution, 2019, 3, 1153-1161.	7.8	76
60	Cross-scale effects of land use on the functional composition of herbivorous insect communities. Landscape Ecology, 2019, 34, 2001-2015.	4.2	16
61	Mountain building, climate cooling and the richness of coldâ€adapted plants in the Northern Hemisphere. Journal of Biogeography, 2019, 46, 1792-1807.	3.0	24
62	Comparing temperature data sources for use in species distribution models: From inâ€situ logging to remote sensing. Global Ecology and Biogeography, 2019, 28, 1578-1596.	5.8	104
63	Soil nematode abundance and functional group composition at a global scale. Nature, 2019, 572, 194-198.	27.8	635
64	A Minimal Model for the Latitudinal Diversity Gradient Suggests a Dominant Role for Ecological Limits. American Naturalist, 2019, 194, E122-E133.	2.1	41
65	Ecological constraints coupled with deep-time habitat dynamics predict the latitudinal diversity gradient in reef fishes. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191506.	2.6	17
66	Correlated Induction of Phytohormones and Glucosinolates Shapes Insect Herbivore Resistance of Cardamine Species Along Elevational Gradients. Journal of Chemical Ecology, 2019, 45, 638-648.	1.8	5
67	Urban bumblebees are smaller and more phenotypically diverse than their rural counterparts. Journal of Animal Ecology, 2019, 88, 1522-1533.	2.8	51
68	Climate and land-use changes reshuffle politically-weighted priority areas of mountain biodiversity. Global Ecology and Conservation, 2019, 17, e00589.	2.1	16
69	A processâ€based model supports an association between dispersal and the prevalence of species traits in tropical reef fish assemblages. Ecography, 2019, 42, 2095-2106.	4.5	13
70	The productivity-biodiversity relationship varies across diversity dimensions. Nature Communications, 2019, 10, 5691.	12.8	64
71	The Latitudinal Diversity Gradient: Novel Understanding through Mechanistic Eco-evolutionary Models. Trends in Ecology and Evolution, 2019, 34, 211-223.	8.7	151
72	Assessing potential landscape service trade-offs driven by urbanization in Switzerland. Palgrave Communications, 2019, 5, .	4.7	11

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73	Growthâ€competitionâ€herbivore resistance tradeâ€offs and the responses of alpine plant communities to climate change. Functional Ecology, 2018, 32, 1693-1703.	3.6	24
74	The unfolding of plant growth formâ€defence syndromes along elevation gradients. Ecology Letters, 2018, 21, 609-618.	6.4	67
75	Are global hotspots of endemic richness shaped by plate tectonics?. Biological Journal of the Linnean Society, 2018, 123, 247-261.	1.6	41
76	Comparing spatial diversification and meta-population models in the Indo-Australian Archipelago. Royal Society Open Science, 2018, 5, 171366.	2.4	8
77	Improving spatial predictions of taxonomic, functional and phylogenetic diversity. Journal of Ecology, 2018, 106, 76-86.	4.0	21
78	Linking genetic and ecological differentiation in an ungulate with a circumpolar distribution. Ecography, 2018, 41, 922-937.	4.5	15
79	Comparing species interaction networks along environmental gradients. Biological Reviews, 2018, 93, 785-800.	10.4	203
80	Linking species diversification to palaeoâ€environmental changes: A processâ€based modelling approach. Global Ecology and Biogeography, 2018, 27, 233-244.	5.8	55
81	Lags in the response of mountain plant communities to climate change. Global Change Biology, 2018, 24, 563-579.	9.5	279
82	Forecasted homogenization of high Arctic vegetation communities under climate change. Journal of Biogeography, 2018, 45, 2576-2587.	3.0	22
83	Plant physical and chemical defence variation along elevation gradients: a functional trait-based approach. Oecologia, 2018, 187, 561-571.	2.0	35
84	The functional decoupling of processes in alpine ecosystems under climate change. Current Opinion in Insect Science, 2018, 29, 126-132.	4.4	13
85	A tale of two forests: ongoing aridification drives population decline and genetic diversity loss at continental scale in Afro-Macaronesian evergreen-forest archipelago endemics. Annals of Botany, 2018, 122, 1005-1017.	2.9	21
86	Lineageâ€specific climatic niche drives the tempo of vicariance in the Rand Flora. Journal of Biogeography, 2017, 44, 911-923.	3.0	35
87	Spatial imprints of plate tectonics on extant richness of terrestrial vertebrates. Journal of Biogeography, 2017, 44, 1185-1197.	3.0	17
88	Climatic niche evolution is faster in sympatric than allopatric lineages of the butterfly genus <i>Pyrgus</i>. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170208.	2.6	21
89	Responses of coral reef fishes to past climate changes are related to lifeâ€history traits. Ecology and Evolution, 2017, 7, 1996-2005.	1.9	15
90	Landscape selection by migratory geese: implications for hunting organisation. Wildlife Biology, 2017, 2017, 1-12.	1.4	10

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91	Species pool distributions along functional trade-offs shape plant productivityâ€“diversity relationships. Scientific Reports, 2017, 7, 15405.	3.3	13
92	Combining modelling tools to evaluate a goose management scheme. Ambio, 2017, 46, 210-223.	5.5	10
93	Uneven rate of plant turnover along elevation in grasslands. Alpine Botany, 2017, 127, 53-63.	2.4	25
94	Communityâ€level plant palatability increases with elevation as insect herbivore abundance declines. Journal of Ecology, 2017, 105, 142-151.	4.0	69
95	ecospat: an R package to support spatial analyses and modeling of species niches and distributions. Ecography, 2017, 40, 774-787.	4.5	703
96	How can global conventions for biodiversity and ecosystem services guide local conservation actions?. Current Opinion in Environmental Sustainability, 2017, 29, 145-150.	6.3	12
97	High Rate of Protein Coding Sequence Evolution and Species Diversification in the Lycaenids. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	6
98	A Comparison of Climatic Niches of the Same Alpine Plant Species in the Central Caucasus and the Alps. Geobotany Studies, 2017, , 133-144.	0.2	0
99	Different rates of defense evolution and niche preferences in clonal and nonclonal milkweeds (<i>Asclepias</i> spp.). New Phytologist, 2016, 209, 1230-1239.	7.3	18
100	Biological introduction risks from shipping in a warming <scp>A</scp>rctic. Journal of Applied Ecology, 2016, 53, 340-349.	4.0	36
101	The simultaneous inducibility of phytochemicals related to plant direct and indirect defences against herbivores is stronger at low elevation. Journal of Ecology, 2016, 104, 1116-1125.	4.0	72
102	Simulated shifts in trophic niche breadth modulate range loss of alpine butterflies under climate change. Ecography, 2016, 39, 796-804.	4.5	21
103	The regional species richness and genetic diversity of <scp>A</scp>rctic vegetation reflect both past glaciations and current climate. Global Ecology and Biogeography, 2016, 25, 430-442.	5.8	44
104	Plate tectonics drive tropical reef biodiversity dynamics. Nature Communications, 2016, 7, 11461.	12.8	136
105	Loss of connectivity among island-dwelling Peary caribou following sea ice decline. Biology Letters, 2016, 12, 20160235.	2.3	29
106	Differential phenotypic and genetic expression of defence compounds in a plantâ€“herbivore interaction along elevation. Royal Society Open Science, 2016, 3, 160226.	2.4	14
107	Past climateâ€driven range shifts and population genetic diversity in arctic plants. Journal of Biogeography, 2016, 43, 461-470.	3.0	48
108	Historical and contemporary determinants of global phylogenetic structure in tropical reef fish faunas. Ecography, 2016, 39, 825-835.	4.5	20

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109	Non-native and native organisms moving into high elevation and high latitude ecosystems in an era of climate change: new challenges for ecology and conservation. Biological Invasions, 2016, 18, 345-353.	2.4	127
110	Airborne and Grain Dust Fungal Community Compositions Are Shaped Regionally by Plant Genotypes and Farming Practices. Applied and Environmental Microbiology, 2016, 82, 2121-2131.	3.1	13
111	Archived DNA reveals fisheries and climate induced collapse of a major fishery. Scientific Reports, 2015, 5, 15395.	3.3	40
112	Dispersal Dynamics in Food Webs. American Naturalist, 2015, 185, 157-168.	2.1	13
113	Forecasted coral reef decline in marine biodiversity hotspots under climate change. Global Change Biology, 2015, 21, 2479-2487.	9.5	97
114	Arctic warming will promote Atlanticâ€“Pacific fishÂinterchange. Nature Climate Change, 2015, 5, 261-265.	18.8	86
115	Social structure varies with elevation in an Alpine ant. Molecular Ecology, 2015, 24, 498-507.	3.9	30
116	Using species richness and functional traits predictions to constrain assemblage predictions from stacked species distribution models. Journal of Biogeography, 2015, 42, 1255-1266.	3.0	97
117	Diversification of the cold-adapted butterfly genus Oeneis related to Holarctic biogeography and climatic niche shifts. Molecular Phylogenetics and Evolution, 2015, 92, 255-265.	2.7	23
118	Herbicide and fertilizers promote analogous phylogenetic responses but opposite functional responses in plant communities. Environmental Research Letters, 2014, 9, 024016.	5.2	25
119	Plant functional and phylogenetic turnover correlate with climate and land use in the Western Swiss Alps. Journal of Plant Ecology, 2014, 7, 439-450.	2.3	17
120	Differential allocation and deployment of direct and indirect defences by <i>Vicia sepium</i> along elevation gradients. Journal of Ecology, 2014, 102, 930-938.	4.0	53
121	Incorporating dominant species as proxies for biotic interactions strengthens plant community models. Journal of Ecology, 2014, 102, 767-775.	4.0	63
122	High elevation <i>Plantago lanceolata</i> plants are less resistant to herbivory than their low elevation conspecifics: is it just temperature?. Ecography, 2014, 37, 950-959.	4.5	105
123	Quaternary coral reef refugia preserved fish diversity. Science, 2014, 344, 1016-1019.	12.6	148
124	Genetic diversity in caribou linked to past and future climate change. Nature Climate Change, 2014, 4, 132-137.	18.8	154
125	Soil fungal communities of grasslands are environmentally structured at a regional scale in the <scp>A</scp>lps. Molecular Ecology, 2014, 23, 4274-4290.	3.9	125
126	Functional homogenization of bumblebee communities in alpine landscapes under projected climate change. Climate Change Responses, 2014, 1, .	2.6	44

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127	Climateâ€driven change in plantâ€“insect interactions along elevation gradients. Functional Ecology, 2014, 28, 46-54.	3.6	189
128	Temporally dynamic habitat suitability predicts genetic relatedness among caribou. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140502.	2.6	13
129	Very high resolution environmental predictors in species distribution models. Progress in Physical Geography, 2014, 38, 79-96.	3.2	95
130	Transitions in social complexity along elevational gradients reveal a combined impact of season length and development time on social evolution. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140627.	2.6	47
131	Building the niche through time: using 13,000 years of data to predict the effects of climate change on three tree species in Europe. Global Ecology and Biogeography, 2013, 22, 302-317.	5.8	152
132	Spatial predictions of landâ€use transitions and associated threats to biodiversity: the case of forest regrowth in mountain grasslands. Applied Vegetation Science, 2013, 16, 227-236.	1.9	31
133	Morphological, ecological and genetic aspects associated with endemism in the <scp>F</scp>ly <scp>O</scp>rchid group. Molecular Ecology, 2013, 22, 1431-1446.	3.9	20
134	The accuracy of plant assemblage prediction from species distribution models varies along environmental gradients. Global Ecology and Biogeography, 2013, 22, 52-63.	5.8	121
135	Thermal niches are more conserved at cold than warm limits in arcticâ€alpine plant species. Global Ecology and Biogeography, 2013, 22, 933-941.	5.8	60
136	Improving the prediction of plant species distribution and community composition by adding edaphic to topoâ€climatic variables. Journal of Vegetation Science, 2013, 24, 593-606.	2.2	145
137	Turnover of plant lineages shapes herbivore phylogenetic beta diversity along ecological gradients. Ecology Letters, 2013, 16, 600-608.	6.4	71
138	Phylogenetic alpha and beta diversities of butterfly communities correlate with climate in the western Swiss Alps. Ecography, 2013, 36, 541-550.	4.5	48
139	Horizontal, but not vertical, biotic interactions affect fineâ€scale plant distribution patterns in a lowâ€energy system. Ecology, 2013, 94, 671-682.	3.2	51
140	Phylogenetic relatedness and proboscis length contribute to structuring bumblebee communities in the extremes of abiotic and biotic gradients. Global Ecology and Biogeography, 2013, 22, 577-585.	5.8	22
141	Predicting current and future spatial community patterns of plant functional traits. Ecography, 2013, 36, 1158-1168.	4.5	79
142	A probabilistic approach to nicheâ€based community models for spatial forecasts of assemblage properties and their uncertainties. Journal of Biogeography, 2013, 40, 1939-1946.	3.0	20
143	The role of biotic interactions in shaping distributions and realised assemblages of species: implications for species distribution modelling. Biological Reviews, 2013, 88, 15-30.	10.4	1,224
144	Plant species distributions along environmental gradients: do belowground interactions with fungi matter?. Frontiers in Plant Science, 2013, 4, 500.	3.6	38

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145	Density-based hierarchical clustering of pyro-sequences on a large scaleâ€"the case of fungal ITS1. Bioinformatics, 2013, 29, 1268-1274.	4.1	19
146	Combining food web and species distribution models for improved community projections. Ecology and Evolution, 2013, 3, 4572-4583.	1.9	50
147	Phylogenetic plant community structure along elevation is lineage specific. Ecology and Evolution, 2013, 3, 4925-4939.	1.9	30
148	Suitability, success and sinks: how do predictions of nesting distributions relate to fitness parameters in high arctic waders?. Diversity and Distributions, 2013, 19, 1496-1505.	4.1	15
149	Functional diversity decreases with temperature in high elevation ant fauna. Ecological Entomology, 2013, 38, 364-373.	2.2	44
150	Trophic specialization influences the rate of environmental niche evolution in damselfishes (Pomacentridae). Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3662-3669.	2.6	37
151	Molecular substitution rate increases in myrmecophilous lycaenid butterflies (Lepidoptera). Zoologica Scripta, 2012, 41, 651-658.	1.7	17
152	Shifts in species richness, herbivore specialization, and plant resistance along elevation gradients. Ecology and Evolution, 2012, 2, 1818-1825.	1.9	148
153	Ecological assembly rules in plant communitiesâ€"approaches, patterns and prospects. Biological Reviews, 2012, 87, 111-127.	10.4	717
154	Loss of interactions with ants under cold climate in a regional myrmecophilous butterfly fauna. Journal of Biogeography, 2012, 39, 1782-1790.	3.0	21
155	Climateâ€based empirical models show biased predictions of butterfly communities along environmental gradients. Ecography, 2012, 35, 684-692.	4.5	42
156	Multiple refugia and barriers explain the phylogeography of the Valais shrew, Sorex antinorii (Mammalia: Soricomorpha). Biological Journal of the Linnean Society, 2012, 105, 864-880.	1.6	21
157	Predicting present and future intraâ€specific genetic structure through niche hindcasting across 24 millennia. Ecology Letters, 2012, 15, 649-657.	6.4	79
158	Measuring ecological niche overlap from occurrence and spatial environmental data. Global Ecology and Biogeography, 2012, 21, 481-497.	5.8	1,130
159	Pollinators as drivers of plant distribution and assemblage into communities. , 2011, , 392-413.		8
160	Adaptive colour polymorphism of Acrida ungarica H. (Orthoptera: Acrididae) in a spatially heterogeneous environment. Acta Oecologica, 2011, 37, 93-98.	1.1	16
161	Predicting spatial patterns of plant species richness: a comparison of direct macroecological and species stacking modelling approaches. Diversity and Distributions, 2011, 17, 1122-1131.	4.1	190
162	Variation in the proportion of flower visitors of <i>Arum maculatum</i> along its distributional range in relation with communityâ€based climatic niche analyses. Oikos, 2011, 120, 728-734.	2.7	25

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163	Ecological niche overlap in sister species: how do oil-collecting bees Macropis europaea and Macropis fulvipes (Hymenoptera: Melittidae) avoid hybridization and competition?. Apidologie, 2011, 42, 579-595.	2.0	9
164	Plant traits co-vary with altitude in grasslands and forests in the European Alps. Plant Ecology, 2010, 211, 351-365.	1.6	95
165	Spatial pattern of floral morphology: possible insight into the effects of pollinators on plant distributions. Oikos, 2010, 119, 1805-1813.	2.7	61
166	Species distribution models reveal apparent competitive and facilitative effects of a dominant species on the distribution of tundra plants. Ecography, 2010, 33, 1004-1014.	4.5	148
167	Generalized food-deceptive orchid species flower earlier and occur at lower altitudes than rewarding ones. Journal of Plant Ecology, 2010, 3, 243-250.	2.3	29
168	Overcoming the rare species modelling paradox: A novel hierarchical framework applied to an Iberian endemic plant. Biological Conservation, 2010, 143, 2647-2657.	4.1	187