

# Antoine Guisan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

284  
papers

44,506  
citations

78  
h-index

210  
g-index

295  
ext. papers

51,551  
ext. citations

5.8  
avg, IF

7.65  
L-index

#	Paper	IF	Citations
284	Food and habitats requirements of the Eurasian Scops Owl ( <i>Otus scops</i> ) in Switzerland revealed by very high-resolution multi-scale models. <i>Ibis</i> , <b>2022</b> , 164, 240	1.9	0
283	Think globally, measure locally: The MIREN standardized protocol for monitoring plant species distributions along elevation gradients.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8590	2.8	1
282	Comparative analysis of diversity and environmental niches of soil bacterial, archaeal, fungal and protist communities reveal niche divergences along environmental gradients in the Alps. <i>Soil Biology and Biochemistry</i> , <b>2022</b> , 169, 108674	7.5	0
281	From white to green: Snow cover loss and increased vegetation productivity in the European Alps. <i>Science</i> , <b>2022</b> , 376, 1119-1122	33.3	3
280	Setting priorities for climate change adaptation of Critical Sites in the Africa-Eurasian waterbird flyways. <i>Global Change Biology</i> , <b>2021</b> ,	11.4	3
279	Low spatial autocorrelation in mountain biodiversity data and model residuals. <i>Ecosphere</i> , <b>2021</b> , 12, e03403	4.03	1
278	Predicting spatial patterns of soil bacteria under current and future environmental conditions. <i>ISME Journal</i> , <b>2021</b> , 15, 2547-2560	11.9	4
277	Distance to native climatic niche margins explains establishment success of alien mammals. <i>Nature Communications</i> , <b>2021</b> , 12, 2353	17.4	2
276	National assessments of species vulnerability to climate change strongly depend on selected data sources. <i>Diversity and Distributions</i> , <b>2021</b> , 27, 1367-1382	5	0
275	Intraspecific differentiation: Implications for niche and distribution modelling. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 415-426	4.1	14
274	Temporal variability is key to modelling the climatic niche. <i>Diversity and Distributions</i> , <b>2021</b> , 27, 473-484	5	7
273	A quantitative assessment of rockfall influence on forest structure in the Swiss Alps. <i>European Journal of Forest Research</i> , <b>2021</b> , 140, 91-104	2.7	2
272	Soil protist function varies with elevation in the Swiss Alps. <i>Environmental Microbiology</i> , <b>2021</b> ,	5.2	1
271	Using a robust multi-settings inference framework on published datasets still reveals limited support for the abundant centre hypothesis: More testing needed on other datasets. <i>Global Ecology and Biogeography</i> , <b>2021</b> , 30, 2211	6.1	0
270	Data integration methods to account for spatial niche truncation effects in regional projections of species distribution. <i>Ecological Applications</i> , <b>2021</b> , 31, e02427	4.9	3
269	A standard protocol for reporting species distribution models. <i>Ecography</i> , <b>2020</b> , 43, 1261-1277	6.5	141
268	Competition and demography rather than dispersal limitation slow down upward shifts of trees' upper elevation limits in the Alps. <i>Journal of Ecology</i> , <b>2020</b> , 108, 2416-2430	6	13

267	Global gradients in intraspecific variation in vegetative and floral traits are partially associated with climate and species richness. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 992-1007	6.1	13
266	Hybridization and hybrid zone stability between two lizards explained by population genetics and niche quantification. <i>Zoological Journal of the Linnean Society</i> , <b>2020</b> , 190, 757-769	2.4	1
265	Integrated Methods for Monitoring the Invasive Potential and Management of <i>Heracleum mantegazzianum</i> (giant hogweed) in Switzerland. <i>Environmental Management</i> , <b>2020</b> , 65, 829-842	3.1	4
264	Monitoring biodiversity in the Anthropocene using remote sensing in species distribution models. <i>Remote Sensing of Environment</i> , <b>2020</b> , 239, 111626	13.2	70
263	What are the most crucial soil variables for predicting the distribution of mountain plant species? A comprehensive study in the Swiss Alps. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 1143-1153	4.1	13
262	Eco-genetic additivity of diploids in allopolyploid wild wheats. <i>Ecology Letters</i> , <b>2020</b> , 23, 663-673	10	5
261	Scale dependence of ecological assembly rules: Insights from empirical datasets and joint species distribution modelling. <i>Journal of Ecology</i> , <b>2020</b> , 108, 1967-1977	6	12
260	Asymmetric response of forest and grassy biomes to climate variability across the African Humid Period: influenced by anthropogenic disturbance?. <i>Ecography</i> , <b>2020</b> , 43, 1118-1142	6.5	7
259	How to evaluate community predictions without thresholding?. <i>Methods in Ecology and Evolution</i> , <b>2020</b> , 11, 51-63	7.7	4
258	Reconstructing the climatic niche breadth of land use for animal production during the African Holocene. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 127-147	6.1	8
257	Soil protist diversity in the Swiss western Alps is better predicted by topo-climatic than by edaphic variables. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 866-878	4.1	12
256	Integrating ecosystem services within spatial biodiversity conservation prioritization in the Alps. <i>Ecosystem Services</i> , <b>2020</b> , 45, 101186	6.1	10
255	Bryophytes are predicted to lag behind future climate change despite their high dispersal capacities. <i>Nature Communications</i> , <b>2020</b> , 11, 5601	17.4	17
254	Presence-only and Presence-absence Data for Comparing Species Distribution Modeling Methods. <i>Biodiversity Informatics</i> , <b>2020</b> , 15, 69-80	2.9	13
253	Optimizing biodiversity informatics to improve information flow, data quality, and utility for science and society. <i>Frontiers of Biogeography</i> , <b>2020</b> , 12,	2.9	8
252	Greater topoclimatic control of above- versus below-ground communities. <i>Global Change Biology</i> , <b>2020</b> , 26, 6715-6728	11.4	3
251	The fate of páramo plant assemblages in the sky islands of the northern Andes. <i>Journal of Vegetation Science</i> , <b>2020</b> , 31, 967-980	3.1	14
250	Hierarchical species distribution models in support of vegetation conservation at the landscape scale. <i>Journal of Vegetation Science</i> , <b>2019</b> , 30, 386-396	3.1	13

249	Alien Plant Species: Environmental Risks in Agricultural and Agro-Forest Landscapes Under Climate Change. <i>Climate Change Management</i> , <b>2019</b> , 215-234	0.6	1
248	Archaeorhizomycetes Spatial Distribution in Soils Along Wide Elevational and Environmental Gradients Reveal Co-abundance Patterns With Other Fungal Saprobes and Potential Weathering Capacities. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 656	5.7	17
247	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. <i>Ecological Monographs</i> , <b>2019</b> , 89, e01370	9	135
246	Spatial modelling of soil water holding capacity improves models of plant distributions in mountain landscapes. <i>Plant and Soil</i> , <b>2019</b> , 438, 57-70	4.2	8
245	Ecological indicator values reveal missing predictors of species distributions. <i>Scientific Reports</i> , <b>2019</b> , 9, 3061	4.9	24
244	Genetic diversity in frogs linked to past and future climate changes on the roof of the world. <i>Journal of Animal Ecology</i> , <b>2019</b> , 88, 953-963	4.7	7
243	Modelling bat distributions and diversity in a mountain landscape using focal predictors in ensemble of small models. <i>Diversity and Distributions</i> , <b>2019</b> , 25, 770-782	5	19
242	A minimalist model of extinction and range dynamics of virtual mountain species driven by warming temperatures. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213775	3.7	13
241	Climate and land-use changes reshuffle politically-weighted priority areas of mountain biodiversity. <i>Global Ecology and Conservation</i> , <b>2019</b> , 17, e00589	2.8	5
240	Species distribution models support the need of international cooperation towards successful management of plant invasions. <i>Journal for Nature Conservation</i> , <b>2019</b> , 49, 85-94	2.3	15
239	Disentangling the processes driving plant assemblages in mountain grasslands across spatial scales and environmental gradients. <i>Journal of Ecology</i> , <b>2019</b> , 107, 265-278	6	13
238	Of niches and distributions: range size increases with niche breadth both globally and regionally but regional estimates poorly relate to global estimates. <i>Ecography</i> , <b>2019</b> , 42, 467-477	6.5	21
237	Influence of microclimate and geomorphological factors on alpine vegetation in the Western Swiss Alps. <i>Earth Surface Processes and Landforms</i> , <b>2019</b> , 44, 3093-3107	3.7	19
236	Synthesizing plausible futures for biodiversity and ecosystem services in Europe and Central Asia using scenario archetypes. <i>Ecology and Society</i> , <b>2019</b> , 24,	4.1	12
235	Scaling the linkage between environmental niches and functional traits for improved spatial predictions of biological communities. <i>Global Ecology and Biogeography</i> , <b>2019</b> , 28, 1384-1392	6.1	5
234	Predicting species occurrences with habitat network models. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 10457-10473	1.8	1
233	Exploring the usefulness of scenario archetypes in science-policy processes: experience across IPBES assessments. <i>Ecology and Society</i> , <b>2019</b> , 24,	4.1	15
232	Alteration of Bumblebee Venom Composition toward Higher Elevation. <i>Toxins</i> , <b>2019</b> , 12,	4.9	5

231	Effects of simulated observation errors on the performance of species distribution models. <i>Diversity and Distributions</i> , <b>2019</b> , 25, 400-413	5	27
230	Standards for distribution models in biodiversity assessments. <i>Science Advances</i> , <b>2019</b> , 5, eaat4858	14.3	309
229	More than range exposure: Global otter vulnerability to climate change. <i>Biological Conservation</i> , <b>2018</b> , 221, 103-113	6.2	30
228	Meta-scale mountain grassland observatories uncover commonalities as well as specific interactions among plant and non-rhizosphere soil bacterial communities. <i>Scientific Reports</i> , <b>2018</b> , 8, 5758	4.9	9
227	The impact of endothermy on the climatic niche evolution and the distribution of vertebrate diversity. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 459-464	12.3	50
226	Reconstructing geographical parthenogenesis: effects of niche differentiation and reproductive mode on Holocene range expansion of an alpine plant. <i>Ecology Letters</i> , <b>2018</b> , 21, 392-401	10	21
225	Optimizing ensembles of small models for predicting the distribution of species with few occurrences. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 802-808	7.7	59
224	Improving spatial predictions of taxonomic, functional and phylogenetic diversity. <i>Journal of Ecology</i> , <b>2018</b> , 106, 76-86	6	15
223	WildfireVegetation dynamics affect predictions of climate change impact on bird communities. <i>Ecography</i> , <b>2018</b> , 41, 982-995	6.5	10
222	Disentangling biotic interactions, environmental filters, and dispersal limitation as drivers of species co-occurrence. <i>Ecography</i> , <b>2018</b> , 41, 1233-1244	6.5	81
221	Joint species distribution modelling for spatio-temporal occurrence and ordinal abundance data. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 142-155	6.1	26
220	How to best threshold and validate stacked species assemblages? Community optimisation might hold the answer. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 2155-2166	7.7	19
219	Models of Coupled Settlement and Habitat Networks for Biodiversity Conservation: Conceptual Framework, Implementation and Potential Applications. <i>Frontiers in Ecology and Evolution</i> , <b>2018</b> , 6,	3.7	2
218	Slimy invasion: Climatic niche and current and future biogeography of Arion slug invaders. <i>Diversity and Distributions</i> , <b>2018</b> , 24, 1627-1640	5	13
217	Biogeophysical controls on soil-atmosphere thermal differences: implications on warming Arctic ecosystems. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 074003	6.2	26
216	Learning from model errors: Can land use, edaphic and very high-resolution topo-climatic factors improve macroecological models of mountain grasslands?. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 429-437	4.1	6
215	Using macroecological constraints on spatial biodiversity predictions under climate change: the modelling method matters. <i>Ecological Modelling</i> , <b>2018</b> , 390, 79-87	3	7
214	Generalizing soil properties in geographic space: Approaches used and ways forward. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208823	3.7	9

213	Species divergence and maintenance of species cohesion of three closely related <i>Primula</i> species in the Qinghai-Tibet Plateau. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 2495-2507	4.1	7
212	How much should one sample to accurately predict the distribution of species assemblages? A virtual community approach. <i>Ecological Informatics</i> , <b>2018</b> , 48, 125-134	4.2	16
211	Trade-offs and synergies between bird conservation and wildfire suppression in the face of global change. <i>Journal of Applied Ecology</i> , <b>2018</b> , 55, 2181-2192	5.8	10
210	Spatial predictions at the community level: from current approaches to future frameworks. <i>Biological Reviews</i> , <b>2017</b> , 92, 169-187	13.5	106
209	Assessing and predicting shifts in mountain forest composition across 25 years of climate change. <i>Diversity and Distributions</i> , <b>2017</b> , 23, 517-528	5	33
208	Including environmental niche information to improve IUCN Red List assessments. <i>Diversity and Distributions</i> , <b>2017</b> , 23, 484-495	5	34
207	Biodiversity Models: What If Unsaturation Is the Rule?. <i>Trends in Ecology and Evolution</i> , <b>2017</b> , 32, 556-566	10.9	48
206	Less favourable climates constrain demographic strategies in plants. <i>Ecology Letters</i> , <b>2017</b> , 20, 969-980	10	53
205	Soil factors improve predictions of plant species distribution in a mountain environment. <i>Progress in Physical Geography</i> , <b>2017</b> , 41, 703-722	3.5	39
204	Numerical ragweed pollen forecasts using different source maps: a comparison for France. <i>International Journal of Biometeorology</i> , <b>2017</b> , 61, 23-33	3.7	23
203	Selecting predictors to maximize the transferability of species distribution models: lessons from cross-continental plant invasions. <i>Global Ecology and Biogeography</i> , <b>2017</b> , 26, 275-287	6.1	116
202	Uneven rate of plant turnover along elevation in grasslands. <i>Alpine Botany</i> , <b>2017</b> , 127, 53-63	2.5	13
201	Community-level plant palatability increases with elevation as insect herbivore abundance declines. <i>Journal of Ecology</i> , <b>2017</b> , 105, 142-151	6	48
200	Genetic consequences of Quaternary climatic oscillations in the Himalayas: <i>Primula tibetica</i> as a case study based on restriction site-associated DNA sequencing. <i>New Phytologist</i> , <b>2017</b> , 213, 1500-1512	9.8	42
199	Realized climatic niches are conserved along maximum temperatures among herpetofaunal invaders. <i>Journal of Biogeography</i> , <b>2017</b> , 44, 111-121	4.1	20
198	ecospat: an R package to support spatial analyses and modeling of species niches and distributions. <i>Ecography</i> , <b>2017</b> , 40, 774-787	6.5	336
197	Species Assemblages, Macroecology, and Global Change <b>2017</b> ,		
196	Habitat Suitability and Distribution Models: With Applications in R <b>2017</b> ,		356

195	A Comparison of Climatic Niches of the Same Alpine Plant Species in the Central Caucasus and the Alps. <i>Geobotany Studies</i> , <b>2017</b> , 133-144	0.1	
194	What we use is not what we know: environmental predictors in plant distribution models. <i>Journal of Vegetation Science</i> , <b>2016</b> , 27, 1308-1322	3.1	105
193	Local Environmental Factors Drive Divergent Grassland Soil Bacterial Communities in the Western Swiss Alps. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 6303-6316	4.8	38
192	Monitoring and distribution modelling of invasive species along riverine habitats at very high resolution. <i>Biological Invasions</i> , <b>2016</b> , 18, 3665-3679	2.7	18
191	Fostering integration between biodiversity monitoring and modelling. <i>Journal of Applied Ecology</i> , <b>2016</b> , 53, 1299-1304	5.8	35
190	Climate threat on the Macaronesian endemic bryophyte flora. <i>Scientific Reports</i> , <b>2016</b> , 6, 29156	4.9	30
189	Niche conservatism in Gynandropaa frogs on the southeastern Qinghai-Tibetan Plateau. <i>Scientific Reports</i> , <b>2016</b> , 6, 32624	4.9	24
188	Past climate-driven range shifts and population genetic diversity in arctic plants. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 461-470	4.1	36
187	Conservation planners tend to ignore improved accuracy of modelled species distributions to focus on multiple threats and ecological processes. <i>Biological Conservation</i> , <b>2016</b> , 199, 157-171	6.2	73
186	Systematic site selection for multispecies monitoring networks. <i>Journal of Applied Ecology</i> , <b>2016</b> , 53, 1305-1316	5.8	34
185	Temperature Range Shifts for Three European Tree Species over the Last 10,000 Years. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 1581	6.2	23
184	Imprints of multiple glacial refugia in the Pyrenees revealed by phylogeography and palaeodistribution modelling of an endemic spider. <i>Molecular Ecology</i> , <b>2016</b> , 25, 2046-64	5.7	24
183	Simulated shifts in trophic niche breadth modulate range loss of alpine butterflies under climate change. <i>Ecography</i> , <b>2016</b> , 39, 796-804	6.5	17
182	The regional species richness and genetic diversity of Arctic vegetation reflect both past glaciations and current climate. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 430-442	6.1	33
181	Will climate change increase the risk of plant invasions into mountains? <b>2016</b> , 26, 530-44		77
180	The mossy north: an inverse latitudinal diversity gradient in European bryophytes. <i>Scientific Reports</i> , <b>2016</b> , 6, 25546	4.9	54
179	Predicting the future effectiveness of protected areas for bird conservation in Mediterranean ecosystems under climate change and novel fire regime scenarios. <i>Diversity and Distributions</i> , <b>2016</b> , 22, 83-96	5	31
178	A matter of scale: apparent niche differentiation of diploid and tetraploid plants may depend on extent and grain of analysis. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 716-726	4.1	49

177	Vegetation classification and biogeography of European floodplain forests and alder carrs. <i>Applied Vegetation Science</i> , <b>2016</b> , 19, 147-163	3.3	68
176	Using species richness and functional traits predictions to constrain assemblage predictions from stacked species distribution models. <i>Journal of Biogeography</i> , <b>2015</b> , 42, 1255-1266	4.1	67
175	Biological Flora of the British Isles: <i>Ambrosia artemisiifolia</i> . <i>Journal of Ecology</i> , <b>2015</b> , 103, 1069-1098	6	111
174	Fire management, climate change and their interacting effects on birds in complex Mediterranean landscapes: dynamic distribution modelling of an early-successional species—the near-threatened Dartford Warbler ( <i>Sylvia undata</i> ). <i>Journal of Ornithology</i> , <b>2015</b> , 156, 275-286	1.5	21
173	Areas of high conservation value in Georgia: present and future threats by invasive alien plants. <i>Biological Invasions</i> , <b>2015</b> , 17, 1041-1054	2.7	23
172	Overcoming limitations of modelling rare species by using ensembles of small models. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 1210-1218	7.7	200
171	Reply to 'Sources of uncertainties in cod distribution models'. <i>Nature Climate Change</i> , <b>2015</b> , 5, 790-791	21.4	2
170	Tree cover at fine and coarse spatial grains interacts with shade tolerance to shape plant species distributions across the Alps. <i>Ecography</i> , <b>2015</b> , 38, 578-589	6.5	30
169	What is the potential of spread in invasive bryophytes?. <i>Ecography</i> , <b>2015</b> , 38, 480-487	6.5	33
168	Climate niche conservatism does not explain restricted distribution patterns in <i>Tynanthus</i> (Bignoniaceae, Bignoniaceae). <i>Botanical Journal of the Linnean Society</i> , <b>2015</b> , 179, 95-109	2.2	6
167	Predicting richness and composition in mountain insect communities at high resolution: a new test of the SESAM framework. <i>Global Ecology and Biogeography</i> , <b>2015</b> , 24, 1443-1453	6.1	44
166	Disjunct populations of European vascular plant species keep the same climatic niches. <i>Global Ecology and Biogeography</i> , <b>2015</b> , 24, 1401-1412	6.1	26
165	Arctic warming will promote Atlantic-Pacific fish interchange. <i>Nature Climate Change</i> , <b>2015</b> , 5, 261-265	21.4	68
164	Biotic interactions boost spatial models of species richness. <i>Ecography</i> , <b>2015</b> , 38, 913-921	6.5	47
163	A multi-temporal approach to model endangered species distribution in Europe. The case of the Eurasian otter in Italy. <i>Ecological Modelling</i> , <b>2014</b> , 274, 21-28	3	21
162	Unifying niche shift studies: insights from biological invasions. <i>Trends in Ecology and Evolution</i> , <b>2014</b> , 29, 260-9	10.9	343
161	Climate change effects on animal and plant phylogenetic diversity in southern Africa. <i>Global Change Biology</i> , <b>2014</b> , 20, 1538-1549	11.4	44
160	Measuring the relative effect of factors affecting species distribution model predictions. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 947-955	7.7	65



159	Scale decisions can reverse conclusions on community assembly processes. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 620-632	6.1	51
158	Environment and dispersal paths override life strategies and residence time in determining regional patterns of invasion by alien plants. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , <b>2014</b> , 16, 1-10	3	23
157	Genetic diversity in caribou linked to past and future climate change. <i>Nature Climate Change</i> , <b>2014</b> , 4, 132-137	21.4	119
156	Soil fungal communities of grasslands are environmentally structured at a regional scale in the Alps. <i>Molecular Ecology</i> , <b>2014</b> , 23, 4274-90	5.7	85
155	Influence of climate on the presence of colour polymorphism in two montane reptile species. <i>Biology Letters</i> , <b>2014</b> , 10, 20140638	3.6	17
154	Functional homogenization of bumblebee communities in alpine landscapes under projected climate change. <i>Climate Change Responses</i> , <b>2014</b> , 1,		35
153	A framework for assessing the scale of influence of environmental factors on ecological patterns. <i>Ecological Complexity</i> , <b>2014</b> , 20, 151-156	2.6	25
152	What do we gain from simplicity versus complexity in species distribution models?. <i>Ecography</i> , <b>2014</b> , 37, 1267-1281	6.5	301
151	Very high resolution environmental predictors in species distribution models: Moving beyond topography?. <i>Progress in Physical Geography</i> , <b>2014</b> , 38, 79-96	3.5	73
150	Residence time, expansion toward the equator in the invaded range and native range size matter to climatic niche shifts in non-native species. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 1094-1104	6.1	57
149	Pattern-recognition ecological niche models fit to presence-only and presence-absence data. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 761-770	7.7	13
148	Effects of alternative sets of climatic predictors on species distribution models and associated estimates of extinction risk: A test with plants in an arid environment. <i>Ecological Modelling</i> , <b>2014</b> , 288, 166-177	3	73
147	Plant functional and phylogenetic turnover correlate with climate and land use in the Western Swiss Alps. <i>Journal of Plant Ecology</i> , <b>2014</b> , 7, 439-450	1.7	13
146	Contrasting spatio-temporal climatic niche dynamics during the eastern and western invasions of spotted knapweed in North America. <i>Journal of Biogeography</i> , <b>2014</b> , 41, 1126-1136	4.1	45
145	Modelling plant species distribution in alpine grasslands using airborne imaging spectroscopy. <i>Biology Letters</i> , <b>2014</b> , 10,	3.6	22
144	Building the niche through time: using 13,000 years of data to predict the effects of climate change on three tree species in Europe. <i>Global Ecology and Biogeography</i> , <b>2013</b> , 22, 302-317	6.1	120
143	Spatial predictions of land-use transitions and associated threats to biodiversity: the case of forest regrowth in mountain grasslands. <i>Applied Vegetation Science</i> , <b>2013</b> , 16, 227-236	3.3	22
142	Movement, impacts and management of plant distributions in response to climate change: insights from invasions. <i>Oikos</i> , <b>2013</b> , 122, 1265-1274	4	30

141	There and back again? Combining habitat suitability modelling and connectivity analyses to assess a potential return of the otter to Switzerland. <i>Animal Conservation</i> , <b>2013</b> , 16, 584-594	3.2	17
140	Using Life Strategies to Explore the Vulnerability of Ecosystem Services to Invasion by Alien Plants. <i>Ecosystems</i> , <b>2013</b> , 16, 678-693	3.9	20
139	How robust are global conservation priorities to climate change?. <i>Global Environmental Change</i> , <b>2013</b> , 23, 1277-1284	10.1	24
138	Will climate change drive alien invasive plants into areas of high protection value? An improved model-based regional assessment to prioritise the management of invasions. <i>Journal of Environmental Management</i> , <b>2013</b> , 131, 185-95	7.9	54
137	The accuracy of plant assemblage prediction from species distribution models varies along environmental gradients. <i>Global Ecology and Biogeography</i> , <b>2013</b> , 22, 52-63	6.1	100
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134	A new spin on a compositionalist predictive modelling framework for conservation planning: A tropical case study in Ecuador. <i>Biological Conservation</i> , <b>2013</b> , 160, 150-161	6.2	30
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132	An horizon scan of biogeography. <i>Frontiers of Biogeography</i> , <b>2013</b> , 5,	2.9	1
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112	Predicting present and future intra-specific genetic structure through niche hindcasting across 24 millennia. <i>Ecology Letters</i> , <b>2012</b> , 15, 649-57	10	70
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5	Data Mining for Global Trends in Mountain Biodiversity		13
4	Soil protist diversity in the Swiss western Alps is better predicted by topo-climatic than by edaphic variables		1
3	Pollinators as drivers of plant distribution and assemblage into communities 392-413		8
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1	Mainstreaming remotely sensed ecosystem functioning in ecological niche models. <i>Remote Sensing in Ecology and Conservation</i> ,	5.3	0