Miguel Bastos AraÃºjo

List of Publications by Year
in descending order

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214 papers	52,004 citations	3721 89 h-index	1820 210 g-index
223 all docs	223 docs citations	223 times ranked	38690 citing authors

#	Article	IF	Citations
1	Methods to account for spatial autocorrelation in the analysis of species distributional data: a review. Ecography, 2007, 30, 609-628.	2.1	2,522
2	Ensemble forecasting of species distributions. Trends in Ecology and Evolution, 2007, 22, 42-47.	4.2	2,517
3	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. Science, 2017, 355, .	6.0	2,026
4	Climate change threats to plant diversity in Europe. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8245-8250.	3.3	1,913
5	BIOMOD â€“ a platform for ensemble forecasting of species distributions. Ecography, 2009, 32, 369-373.	2.1	1,796
6	Scenarios for Global Biodiversity in the 21st Century. Science, 2010, 330, 1496-1501.	6.0	1,570
7	Five (or so) challenges for species distribution modelling. Journal of Biogeography, 2006, 33, 1677-1688.	1.4	1,413
8	Ecosystem Service Supply and Vulnerability to Global Change in Europe. Science, 2005, 310, 1333-1337.	6.0	1,355
9	Validation of species-climate impact models under climate change. Global Change Biology, 2005, 11, 1504-1513.	4.2	1,209
10	An Update of Wallaceâ€™s Zoogeographic Regions of the World. Science, 2013, 339, 74-78.	6.0	1,037
11	Predicting global change impacts on plant speciesâ€™ distributions: Future challenges. Perspectives in Plant Ecology, Evolution and Systematics, 2008, 9, 137-152.	1.1	966
12	The importance of biotic interactions for modelling species distributions under climate change. Global Ecology and Biogeography, 2007, 16, 743-753.	2.7	953
13	Conservation Biogeography: assessment and prospect. Diversity and Distributions, 2005, 11, 3-23.	1.9	919
14	Uses and misuses of bioclimatic envelope modeling. Ecology, 2012, 93, 1527-1539.	1.5	816
15	Model-based uncertainty in species range prediction. Journal of Biogeography, 2006, 33, 1704-1711.	1.4	804
16	The effects of phenotypic plasticity and local adaptation on forecasts of species range shifts under climate change. Ecology Letters, 2014, 17, 1351-1364.	3.0	802
17	Methods and uncertainties in bioclimatic envelope modelling under climate change. Progress in Physical Geography, 2006, 30, 751-777.	1.4	787
18	Climate warming and the decline of amphibians and reptiles in Europe. Journal of Biogeography, 2006, 33, 1712-1728.	1.4	744

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19	Heat freezes niche evolution. Ecology Letters, 2013, 16, 1206-1219.	3.0	708
20	An evaluation of methods for modelling species distributions. Journal of Biogeography, 2004, 31, 1555-1568.	1.4	679
21	Presence-absence versus presence-only modelling methods for predicting bird habitat suitability. Ecography, 2004, 27, 437-448.	2.1	665
22	Climate change threatens European conservation areas. Ecology Letters, 2011, 14, 484-492.	3.0	660
23	Protected area needs in a changing climate. Frontiers in Ecology and the Environment, 2007, 5, 131-138.	1.9	630
24	Would climate change drive species out of reserves? An assessment of existing reserve-selection methods. Global Change Biology, 2004, 10, 1618-1626.	4.2	606
25	Standards for distribution models in biodiversity assessments. Science Advances, 2019, 5, eaat4858.	4.7	605
26	sdm: a reproducible and extensible R platform for species distribution modelling. Ecography, 2016, 39, 368-375.	2.1	579
27	Predicting extinction risks under climate change: coupling stochastic population models with dynamic bioclimatic habitat models. Biology Letters, 2008, 4, 560-563.	1.0	552
28	Exposure of global mountain systems to climate warming during the 21st Century. Global Environmental Change, 2007, 17, 420-428.	3.6	540
29	Equilibrium of speciesâ€™ distributions with climate. Ecography, 2005, 28, 693-695.	2.1	524
30	Multiple Dimensions of Climate Change and Their Implications for Biodiversity. Science, 2014, 344, 1247579.	6.0	519
31	Additive threats from pathogens, climate and land-use change for global amphibian diversity. Nature, 2011, 480, 516-519.	13.7	504
32	Partitioning and mapping uncertainties in ensembles of forecasts of species turnover under climate change. Ecography, 2009, 32, 897-906.	2.1	494
33	Forecasting the Effects of Global Warming on Biodiversity. BioScience, 2007, 57, 227-236.	2.2	483
34	Effects of restricting environmental range of data to project current and future species distributions. Ecography, 2004, 27, 165-172.	2.1	479
35	21st century climate change threatens mountain flora unequally across Europe. Global Change Biology, 2011, 17, 2330-2341.	4.2	478
36	How Does Climate Change Affect Biodiversity?. Science, 2006, 313, 1396-1397.	6.0	476

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37	Consequences of climate change on the tree of life in Europe. Nature, 2011, 470, 531-534.	13.7	460
38	Scale effects and human impact on the elevational species richness gradients. Nature, 2008, 453, 216-219.	13.7	452
39	Niche properties and geographical extent as predictors of species sensitivity to climate change. Global Ecology and Biogeography, 2005, 14, 347-357.	2.7	448
40	Reducing uncertainty in projections of extinction risk from climate change. Global Ecology and Biogeography, 2005, 14, 529-538.	2.7	420
41	A coherent set of future land use change scenarios for Europe. Agriculture, Ecosystems and Environment, 2006, 114, 57-68.	2.5	412
42	Do we need landâ€cover data to model species distributions in Europe?. Journal of Biogeography, 2004, 31, 353-361.	1.4	353
43	Quaternary climate changes explain diversity among reptiles and amphibians. Ecography, 2008, 31, 8-15.	2.1	345
44	Selecting areas for species persistence using occurrence data. Biological Conservation, 2000, 96, 331-345.	1.9	340
45	The coincidence of climatic and species rarity: high risk to small-range species from climate change. Biology Letters, 2008, 4, 568-572.	1.0	309
46	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. Ecological Monographs, 2019, 89, e01370.	2.4	290
47	Consequences of spatial autocorrelation for niche-based models. Journal of Applied Ecology, 2006, 43, 433-444.	1.9	274
48	Inferring biotic interactions from proxies. Trends in Ecology and Evolution, 2015, 30, 347-356.	4.2	267
49	Dynamics of range margins for metapopulations under climate change. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1415-1420.	1.2	265
50	Planning for Climate Change: Identifying Minimumâ€Dispersal Corridors for the Cape Proteaceae. Conservation Biology, 2005, 19, 1063-1074.	2.4	261
51	The geographic scaling of biotic interactions. Ecography, 2014, 37, 406-415.	2.1	252
52	Generalized models vs. classification tree analysis: Predicting spatial distributions of plant species at different scales. Journal of Vegetation Science, 2003, 14, 669-680.	1.1	251
53	Climate Change, Humans, and the Extinction of the Woolly Mammoth. PLoS Biology, 2008, 6, e79.	2.6	250
54	Using niche-based modelling to assess the impact of climate change on tree functional diversity in Europe. Diversity and Distributions, 2006, 12, 49-60.	1.9	248

#	Article	IF	Citations
55	Niches and Geographic Distributions. , 2011, , .		245
56	Coefficient shifts in geographical ecology: an empirical evaluation of spatial and nonâ€spatial regression. Ecography, 2009, 32, 193-204.	2.1	231
57	Downscaling European species atlas distributions to a finer resolution: implications for conservation planning. Global Ecology and Biogeography, 2005, 14, 17-30.	2.7	218
58	Uncertainty in predictions of extinction risk. Nature, 2004, 430, 34-34.	13.7	216
59	The coincidence of people and biodiversity in Europe. Global Ecology and Biogeography, 2003, 12, 5-12.	2.7	213
60	How can a knowledge of the past help to conserve the future? Biodiversity conservation and the relevance of long-term ecological studies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 175-187.	1.8	208
61	Choice of threshold alters projections of species range shifts under climate change. Ecological Modelling, 2011, 222, 3346-3354.	1.2	199
62	Resource tracking within and across continents in long-distance bird migrants. Science Advances, 2017, 3, e1601360.	4.7	199
63	data for five taxa. Global Ecology and Biogeography, 2007, 16, 76-89.	2.7	198
64	Biotic and abiotic variables show little redundancy in explaining tree species distributions. Ecography, 2010, 33, 1038-1048.	2.1	182
65	Plant extinction risk under climate change: are forecast range shifts alone a good indicator of species vulnerability to global warming?. Global Change Biology, 2012, 18, 1357-1371.	4.2	182
66	Rethinking species' ability to cope with rapid climate change. Global Change Biology, 2011, 17, 2987-2990.	4.2	177
67	Combining probabilities of occurrence with spatial reserve design. Journal of Applied Ecology, 2004, 41, 252-262.	1.9	175
68	The Effectiveness of Iberian Protected Areas in Conserving Terrestrial Biodiversity. Conservation Biology, 2007, 21, 1423-1432.	2.4	167
69	A roadmap for island biology: 50 fundamental questions after 50Âyears of <i>The Theory of Island Biogeography</i>. Journal of Biogeography, 2017, 44, 963-983.	1.4	167
70	GlobTherm, a global database on thermal tolerances for aquatic and terrestrial organisms. Scientific Data, 2018, 5, 180022.	2.4	164
71	Using species coâ€occurrence networks to assess the impacts of climate change. Ecography, 2011, 34, 897-908.	2.1	160
72	Modelling distribution in <scp>E</scp>uropean stream macroinvertebrates under future climates. Global Change Biology, 2013, 19, 752-762.	4.2	159

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73	The concept of potential natural vegetation: an epitaph?. Journal of Vegetation Science, 2010, 21, 1172-1178.	1.1	153
74	The evolution of critical thermal limits of life on Earth. Nature Communications, 2021, 12, 1198.	5.8	149
75	Projected climate changes threaten ancient refugia of kelp forests in the North Atlantic. Global Change Biology, 2018, 24, e55-e66.	4.2	140
76	A GLOBAL EVALUATION OF METABOLIC THEORY AS AN EXPLANATION FOR TERRESTRIAL SPECIES RICHNESS GRADIENTS. Ecology, 2007, 88, 1877-1888.	1.5	139
77	Exploring consensus in 21st century projections of climatically suitable areas for African vertebrates. Global Change Biology, 2012, 18, 1253-1269.	4.2	136
78	Dynamics of extinction and the selection of nature reserves. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1971-1980.	1.2	134
79	Climate Change in Mediterranean Mountains during the 21st Century. Ambio, 2008, 37, 280-285.	2.8	129
80	Conservation Planning with Uncertain Climate Change Projections. PLoS ONE, 2013, 8, e53315.	1.1	127
81	Integrating bioclimate with population models to improve forecasts of species extinctions under climate change. Biology Letters, 2009, 5, 723-725.	1.0	124
82	Shifting protected areas: scheduling spatial priorities under climate change. Journal of Applied Ecology, 2014, 51, 703-713.	1.9	115
83	Tools for integrating range change, extinction risk and climate change information into conservation management. Ecography, 2013, 36, 956-964.	2.1	111
84	Individualistic vs community modelling of species distributions under climate change. Ecography, 2009, 32, 55-65.	2.1	105
85	Life on a tropical planet: niche conservatism and the global diversity gradient. Global Ecology and Biogeography, 2013, 22, 344-350.	2.7	105
86	Can vulnerability among British bumblebee (Bombus) species be explained by niche position and breadth?. Biological Conservation, 2007, 138, 493-505.	1.9	98
87	Combining projected changes in species richness and composition reveals climate change impacts on coastal Mediterranean fish assemblages. Global Change Biology, 2012, 18, 2995-3003.	4.2	98
88	Anthropogenic range contractions bias species climate change forecasts. Nature Climate Change, 2018, 8, 252-256.	8.1	98
89	The island immaturity - speciation pulse model of island evolution: an alternative to the â€œdiversity begets diversityâ€•model. Ecography, 2007, 30, 321-327.	2.1	97
90	Adapted conservation measures are required to save the Iberian lynx in a changing climate. Nature Climate Change, 2013, 3, 899-903.	8.1	96

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91	Chasing a moving target: projecting climate changeâ€induced shifts in nonâ€equilibrial tree species distributions. Journal of Ecology, 2013, 101, 441-453.	1.9	96
92	Areas of climate stability of species ranges in the Brazilian Cerrado: disentangling uncertainties through time. Natureza A Conservacao, 2012, 10, 152-159.	2.5	93
93	Uncertainty associated with survey design in Species Distribution Models. Diversity and Distributions, 2014, 20, 1258-1269.	1.9	91
94	Networks of global bird invasion altered by regional trade ban. Science Advances, 2017, 3, e1700783.	4.7	91
95	A theory for species co-occurrence in interaction networks. Theoretical Ecology, 2016, 9, 39-48.	0.4	83
96	The Bias of Complementarity Hotspots toward Marginal Populations. Conservation Biology, 2001, 15, 1710-1720.	2.4	81
97	Biodiversity Hotspots and Zones of Ecological Transition. Conservation Biology, 2002, 16, 1662-1663.	2.4	78
98	CLIMATE PREDICTORS OF LATE QUATERNARY EXTINCTIONS. Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	1.1	77
99	The marine fish food web is globally connected. Nature Ecology and Evolution, 2019, 3, 1153-1161.	3.4	76
100	Distribution patterns of biodiversity and the design of a representative reserve network in Portugal. BIODIVERSITY RESEARCH. Diversity and Distributions, 1999, 5, 151-163.	1.9	74
101	The mossy north: an inverse latitudinal diversity gradient in European bryophytes. Scientific Reports, 2016, 6, 25546.	1.6	74
102	Evaluating the combined effects of climate and landâ€use change on tree species distributions. Journal of Applied Ecology, 2015, 52, 902-912.	1.9	73
103	Matching species traits to projected threats and opportunities from climate change. Journal of Biogeography, 2014, 41, 724-735.	1.4	72
104	How complex should models be? Comparing correlative and mechanistic range dynamics models. Global Change Biology, 2018, 24, 1357-1370.	4.2	71
105	Title is missing!. Environmental Modeling and Assessment, 2002, 7, 139-151.	1.2	70
106	Matching species with reserves â€“ uncertainties from using data at different resolutions. Biological Conservation, 2004, 118, 533-538.	1.9	70
107	Reopening the climate envelope reveals macroscale associations with climate in European birds. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E45-6; author reply E41-3.	3.3	70
108	Conserving the Brazilian semiarid (Caatinga) biome under climate change. Biodiversity and Conservation, 2012, 21, 2913-2926.	1.2	70

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109	Species' intrinsic traits inform their range limitations and vulnerability under environmental change. Global Ecology and Biogeography, 2015, 24, 849-858.	2.7	70
110	Shifting Global Invasive Potential of European Plants with Climate Change. PLoS ONE, 2008, 3, e2441.	1.1	69
111	Biogeography of Iberian freshwater fishes revisited: the roles of historical versus contemporary constraints. Journal of Biogeography, 2009, 36, 2096-2110.	1.4	67
112	Linking like with like: optimising connectivity between environmentally-similar habitats. Landscape Ecology, 2012, 27, 291-301.	1.9	66
113	Dispersal ability modulates the strength of the latitudinal richness gradient in European beetles. Global Ecology and Biogeography, 2012, 21, 1106-1113.	2.7	65
114	Trends in legal and illegal trade of wild birds: a global assessment based on expert knowledge. Biodiversity and Conservation, 2019, 28, 3343-3369.	1.2	62
115	Predicting range shifts of Asian elephants under global change. Diversity and Distributions, 2019, 25, 822-838.	1.9	62
116	Potential Impacts of Climate Change on Ecosystem Services in Europe: The Case of Pest Control by Vertebrates. BioScience, 2012, 62, 658-666.	2.2	61
117	Climate change, species range shifts and dispersal corridors: an evaluation of spatial conservation models. Methods in Ecology and Evolution, 2016, 7, 853-866.	2.2	61
118	The effects of model and data complexity on predictions from species distributions models. Ecological Modelling, 2016, 326, 4-12.	1.2	61
119	Multiple interactions networks: towards more realistic descriptions of the web of life. Oikos, 2018, 127, 5-22.	1.2	60
120	Habitat stability affects dispersal and the ability to track climate change. Biology Letters, 2012, 8, 639-643.	1.0	57
121	Representing taxonomic, phylogenetic and functional diversity: new challenges for <scp>M</scp>editerranean marineâ€protected areas. Diversity and Distributions, 2015, 21, 175-187.	1.9	57
122	Intraspecific variation in lizard heat tolerance alters estimates of climate impact. Journal of Animal Ecology, 2019, 88, 247-257.	1.3	56
123	Improvements in reports of species redistribution under climate change are required. Science Advances, 2021, 7, .	4.7	56
124	Global patterns in the shape of species geographical ranges reveal range determinants. Journal of Biogeography, 2012, 39, 760-771.	1.4	54
125	Effects of climate change on the distribution of indigenous species in oceanic islands (Azores). Climatic Change, 2016, 138, 603-615.	1.7	54
126	Does local habitat fragmentation affect largeâ€scale distributions? The case of a specialist grassland bird. Diversity and Distributions, 2013, 19, 423-432.	1.9	53

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127	An ecosystem modelâ€based estimate of changes in water availability differs from water proxies that are commonly used in species distribution models. Global Ecology and Biogeography, 2009, 18, 304-313.	2.7	52
128	Equilibrium of Global Amphibian Species Distributions with Climate. PLoS ONE, 2012, 7, e34420.	1.1	52
129	Measurements of area and the (island) speciesâ€"area relationship: new directions for an old pattern. Oikos, 2008, 117, 1555-1559.	1.2	51
130	Ensemble forecasting shifts in climatically suitable areas for <i>Tropidacris cristata</i> (Orthoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	51
131	Representing species in reserves from patterns of assemblage diversity. Journal of Biogeography, 2004, 31, 1037-1050.	1.4	50
132	Species richness, area and climate correlates. Global Ecology and Biogeography, 2006, 15, 452-460.	2.7	48
133	Predicting range expansion of the map butterfly in Northern Europe using bioclimatic models. Biodiversity and Conservation, 2008, 17, 623-641.	1.2	48
134	Phylogenetic signals in the climatic niches of the world's amphibians. Ecography, 2010, 33, 242-250.	2.1	48
135	METABOLIC THEORY AND DIVERSITY GRADIENTS: WHERE DO WE GO FROM HERE?. Ecology, 2007, 88, 1898-1902.	1.5	47
136	Generalized models vs. classification tree analysis: Predicting spatial distributions of plant species at different scales. , 2003, 14, 669.		47
137	A sequential approach to minimise threats within selected conservation areas. Biodiversity and Conservation, 2002, 11, 1011-1024.	1.2	46
138	The Contribution of Vegetation and Landscape Configuration for Predicting Environmental Change Impacts on Iberian Birds. PLoS ONE, 2011, 6, e29373.	1.1	46
139	Communityâ€level vs speciesâ€specific approaches to model selection. Ecography, 2013, 36, 1291-1298.	2.1	46
140	Climate envelope models suggest spatioâ€temporal coâ€occurrence of refugia of <scp>A</scp>frican birds and mammals. Global Ecology and Biogeography, 2013, 22, 351-363.	2.7	45
141	How well do Important Bird Areas represent species and minimize conservation conflict in the tropical Andes?. Diversity and Distributions, 2006, 12, 205-214.	1.9	43
142	Mitigation, Adaptation, and the Threat to Biodiversity. Conservation Biology, 2008, 22, 1352-1355.	2.4	41
143	Incorporating the effects of changes in vegetation functioning and CO ₂ on water availability in plant habitat models. Biology Letters, 2008, 4, 556-559.	1.0	41
144	Integrating multiple lines of evidence into historical biogeography hypothesis testing: a<i>Bison bison</i>case study. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132782.	1.2	41

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145	Exposure of European biodiversity to changes in human-induced pressures. Environmental Science and Policy, 2008, 11, 38-45.	2.4	40
146	Dangers of crying wolf over risk of extinctions. Nature, 2004, 428, 799-799.	13.7	39
147	Phenotypic correlates of potential range size and range filling in European trees. Perspectives in Plant Ecology, Evolution and Systematics, 2014, 16, 219-227.	1.1	39
148	Predictors of contraction and expansion of area of occupancy for British birds. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140744.	1.2	38
149	The Global Forest Transition as a Human Affair. One Earth, 2020, 2, 417-428.	3.6	38
150	Misleading results from conventional gap analysis â€“ Messages from the warming north. Biological Conservation, 2011, 144, 2450-2458.	1.9	36
151	Costâ€effective monitoring of biological invasions under global change: a modelâ€based framework. Journal of Applied Ecology, 2016, 53, 1317-1329.	1.9	35
152	Planning for the future: identifying conservation priority areas for Iberian birds under climate change. Landscape Ecology, 2018, 33, 659-673.	1.9	34
153	Predicting species diversity with ED: the quest for evidence. Ecography, 2003, 26, 380-383.	2.1	33
154	Globalizing Conservation Efforts to Save Species and Enhance Food Production. BioScience, 2014, 64, 539-545.	2.2	33
155	A probability-based approach to match species with reserves when data are at different resolutions. Biological Conservation, 2011, 144, 811-820.	1.9	32
156	Risk assessment for Iberian birds under global change. Biological Conservation, 2013, 168, 192-200.	1.9	32
157	Synthetic datasets and community tools for the rapid testing of ecological hypotheses. Ecography, 2016, 39, 402-408.	2.1	32
158	Phylogeny and the prediction of tree functional diversity across novel continental settings. Global Ecology and Biogeography, 2017, 26, 553-562.	2.7	31
159	Do communityâ€level models describe community variation effectively?. Journal of Biogeography, 2010, 37, 1842-1850.	1.4	30
160	Linking habitats for multiple species. Environmental Modelling and Software, 2013, 40, 336-339.	1.9	30
161	The effect of multiple biotic interaction types on species persistence. Ecology, 2018, 99, 2327-2337.	1.5	29
162	Climate shapes mammal community trophic structures and humans simplify them. Nature Communications, 2019, 10, 5197.	5.8	29

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163	Heat tolerance is more variable than cold tolerance across species of Iberian lizards after controlling for intraspecific variation. Functional Ecology, 2020, 34, 631-645.	1.7	29
164	demoniche â€“ an Râ€package for simulating spatiallyâ€explicit population dynamics. Ecography, 2012, 35, 577-580.	2.1	28
165	Temperature Range Shifts for Three European Tree Species over the Last 10,000 Years. Frontiers in Plant Science, 2016, 7, 1581.	1.7	28
166	Thermal tolerance and the importance of microhabitats for Andean frogs in the context of land use and climate change. Journal of Animal Ecology, 2020, 89, 2451-2460.	1.3	26
167	Testing the effectiveness of discrete and continuous environmental diversity as a surrogate for species diversity. Ecological Indicators, 2009, 9, 138-149.	2.6	25
168	Response of an Afro-Palearctic bird migrant to glaciation cycles. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	25
169	Conserving biodiversity in a world of conflicts. Journal of Biogeography, 2007, 34, 199-200.	1.4	24
170	Managing the longâ€term persistence of a rare cockatoo under climate change. Journal of Applied Ecology, 2012, 49, 785-794.	1.9	22
171	Using Life Strategies to Explore the Vulnerability of Ecosystem Services to Invasion by Alien Plants. Ecosystems, 2013, 16, 678-693.	1.6	22
172	Anthropogenic impacts weaken Bergmann's rule. Ecography, 2017, 40, 683-684.	2.1	22
173	Modelling landscape constraints on farmland bird species range shifts under climate change. Science of the Total Environment, 2018, 625, 1596-1605.	3.9	22
174	Optimizing biodiversity informatics to improve information flow, data quality, and utility for science and society. Frontiers of Biogeography, 2020, 12, .	0.8	22
175	Global biodiversity patterns of marine forests of brown macroalgae. Global Ecology and Biogeography, 2022, 31, 636-648.	2.7	22
176	Factors affecting corn bunting Miliaria calandra abundance in a Portuguese agricultural landscape. Agriculture, Ecosystems and Environment, 2000, 77, 219-226.	2.5	21
177	Effects of climate, species interactions, and dispersal on decadal colonization and extinction rates of Iberian tree species. Ecological Modelling, 2015, 309-310, 118-127.	1.2	21
178	Discriminating climate, landâ€cover and random effects on species range dynamics. Global Change Biology, 2021, 27, 1309-1317.	4.2	21
179	Potential distributions of invasive vertebrates in the Iberian Peninsula under projected changes in climate extreme events. Diversity and Distributions, 2021, 27, 2262-2276.	1.9	21
180	A biogeographical regionalization of <scp>A</scp>ngolan mammals. Mammal Review, 2015, 45, 103-116.	2.2	20

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181	Fineâ€tuning biodiversity assessments: A framework to pair eDNA metabarcoding and morphological approaches. Methods in Ecology and Evolution, 2021, 12, 2397-2409.	2.2	20
182	Do projections from bioclimatic envelope models and climate change metrics match?. Global Ecology and Biogeography, 2016, 25, 65-74.	2.7	19
183	Spatial trophic cascades in communities connected by dispersal and foraging. Ecology, 2019, 100, e02820.	1.5	18
184	Different environmental drivers of alien tree invasion affect different life-stages and operate at different spatial scales. Forest Ecology and Management, 2019, 433, 263-275.	1.4	16
185	Response to Comment on â€œAn Update of Wallaceâ€™s Zoogeographic Regions of the Worldâ€• Science, 2013, 341, 343-343.	6.0	15
186	Did British breeding birds move north in the late 20th century?. Climate Change Responses, 2016, 3, .	2.6	15
187	Climate change impacts on the distribution of coastal lobsters. Marine Biology, 2018, 165, 1.	0.7	15
188	Global Patterns of Coastal Cephalopod Diversity Under Climate Change. Frontiers in Marine Science, 2022, 8, .	1.2	14
189	Strategy games to improve environmental policymaking. Nature Sustainability, 2022, 5, 464-471.	11.5	14
190	SimiVal, a multi-criteria map comparison tool for land-change model projections. Environmental Modelling and Software, 2016, 82, 229-240.	1.9	13
191	Ecological and epidemiological models are both useful for SARS-CoV-2. Nature Ecology and Evolution, 2020, 4, 1153-1154.	3.4	13
192	Dispersal abilities favor commensalism in animal-plant interactions under climate change. Science of the Total Environment, 2022, 835, 155157.	3.9	12
193	Potential for invasion of traded birds under climate and landâ€cover change. Global Change Biology, 2022, 28, 5654-5666.	4.2	11
194	Divergent trophic responses to biogeographic and environmental gradients. Oikos, 2017, 126, 101-110.	1.2	10
195	Metaâ€analyzing the likely crossâ€species responses to climate change. Ecology and Evolution, 2019, 9, 11136-11144.	0.8	10
196	MACIS: Minimisation of and Adaptation to Climate Change Impacts on Biodiversity. Gaia, 2008, 17, 393-395.	0.3	10
197	Joint analysis of species and genetic variation to quantify the role of dispersal and environmental constraints in community turnover. Ecography, 2022, 2022, .	2.1	9
198	Disentangling food-web environment relationships: A review with guidelines. Basic and Applied Ecology, 2022, 61, 102-115.	1.2	9

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