JosÃ© JoaquÃ-n Lahoz-Monfort

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Crossâ€validation strategies for data with temporal, spatial, hierarchical, or phylogenetic structure. Ecography, 2017, 40, 913-929.	4.5	1,092
2	Is my species distribution model fit for purpose? Matching data and models to applications. Global Ecology and Biogeography, 2015, 24, 276-292.	5.8	661
3	A standard protocol for reporting species distribution models. Ecography, 2020, 43, 1261-1277.	4.5	397
4	<scp>block</scp><scp>CV</scp>: An <scp>r</scp> package for generating spatially or environmentally separated folds for <i>k</i>â€fold crossâ€validation of species distribution models. Methods in Ecology and Evolution, 2019, 10, 225-232.	5.2	299
5	A review of evidence about use and performance of species distribution modelling ensembles like BIOMOD. Diversity and Distributions, 2019, 25, 839-852.	4.1	279
6	Imperfect detection impacts the performance of species distribution models. Global Ecology and Biogeography, 2014, 23, 504-515.	5.8	215
7	Model averaging in ecology: a review of Bayesian, informationâ€theoretic, and tactical approaches for predictive inference. Ecological Monographs, 2018, 88, 485-504.	5.4	209
8	Data Integration for Large-Scale Models of Species Distributions. Trends in Ecology and Evolution, 2020, 35, 56-67.	8.7	205
9	Deep-sea diversity patterns are shaped by energy availability. Nature, 2016, 533, 393-396.	27.8	202
10	Predictive performance of presenceâ€only species distribution models: a benchmark study with reproducible code. Ecological Monographs, 2022, 92, e01486.	5.4	195
11	Testing whether ensemble modelling is advantageous for maximising predictive performance of species distribution models. Ecography, 2020, 43, 549-558.	4.5	186
12	Statistical approaches to account for falseâ€positive errors in environmental <scp>DNA</scp> samples. Molecular Ecology Resources, 2016, 16, 673-685.	4.8	158
13	When do we need more data? A primer on calculating the value of information for applied ecologists. Methods in Ecology and Evolution, 2015, 6, 1219-1228.	5.2	146
14	Forecasting species range dynamics with processâ€explicit models: matching methods to applications. Ecology Letters, 2019, 22, 1940-1956.	6.4	144
15	Ignoring Imperfect Detection in Biological Surveys Is Dangerous: A Response to â€˜Fitting and Interpreting Occupancy Models'. PLoS ONE, 2014, 9, e99571.	2.5	142
16	Designing studies to detect differences in species occupancy: power analysis under imperfect detection. Methods in Ecology and Evolution, 2012, 3, 860-869.	5.2	130
17	Maxent is not a presenceâ€“absence method: a comment on Thibaud <i>etÂal</i>.. Methods in Ecology and Evolution, 2014, 5, 1192-1197.	5.2	113
18	Analysing and mapping species range dynamics using occupancy models. Journal of Biogeography, 2013, 40, 1463-1474.	3.0	112

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19	Dealing with falseâ€positive and falseâ€negative errors about species occurrence at multiple levels. Methods in Ecology and Evolution, 2017, 8, 1081-1091.	5.2	105
20	Animal movements in fireâ€prone landscapes. Biological Reviews, 2019, 94, 981-998.	10.4	100
21	Evaluating 318 continentalâ€scale species distribution models over a 60â€year prediction horizon: what factors influence the reliability of predictions?. Global Ecology and Biogeography, 2017, 26, 371-384.	5.8	81
22	Modelling species presenceâ€only data with random forests. Ecography, 2021, 44, 1731-1742.	4.5	77
23	Using occupancy as a state variable for monitoring the Critically Endangered Alaotran gentle lemur Hapalemur alaotrensis. Endangered Species Research, 2010, 11, 157-166.	2.4	65
24	A Comprehensive Overview of Technologies for Species and Habitat Monitoring and Conservation. BioScience, 2021, 71, 1038-1062.	4.9	64
25	A captureâ€"recapture model for exploring multiâ€species synchrony in survival. Methods in Ecology and Evolution, 2011, 2, 116-124.	5.2	63
26	Population Status of a Cryptic Top Predator: An Island-Wide Assessment of Tigers in Sumatran Rainforests. PLoS ONE, 2011, 6, e25931.	2.5	61
27	Not all data are equal: Influence of data type and amount in spatial conservation prioritisation. Methods in Ecology and Evolution, 2018, 9, 2249-2261.	5.2	52
28	Conservation technology: The next generation. Conservation Letters, 2018, 11, e12458.	5.7	51
29	Inferring species richness using multispecies occupancy modeling: Estimation performance and interpretation. Ecology and Evolution, 2019, 9, 780-792.	1.9	50
30	Adaptive management for improving species conservation across the captive-wild spectrum. Biological Conservation, 2016, 199, 123-131.	4.1	42
31	Satellite imagery as a single source of predictor variables for habitat suitability modelling: how Landsat can inform the conservation of a critically endangered lemur. Journal of Applied Ecology, 2010, 47, 1094-1102.	4.0	40
32	Guidelines for Using Movement Science to Inform Biodiversity Policy. Environmental Management, 2015, 56, 791-801.	2.7	36
33	Breeding together: modeling synchrony in productivity in a seabird community. Ecology, 2013, 94, 3-10.	3.2	31
34	Using Species Distribution Models For Fungi. Fungal Biology Reviews, 2020, 34, 74-88.	4.7	31
35	Revealing beliefs: using ensemble ecosystem modelling to extrapolate expert beliefs to novel ecological scenarios. Methods in Ecology and Evolution, 2017, 8, 1012-1021.	5.2	27
36	Assessing the vulnerability of freshwater crayfish to climate change. Diversity and Distributions, 2018, 24, 1830-1843.	4.1	27

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37	Accounting for detectability when surveying for rare or declining reptiles: Turning rocks to find the Grassland Earless Dragon in Australia. Biological Conservation, 2015, 182, 53-62.	4.1	25
38	Occupancy and detectability modelling of vertebrates in northern Australia using multiple sampling methods. PLoS ONE, 2018, 13, e0203304.	2.5	24
39	Spatially explicit power analysis for detecting occupancy trends for multiple species. Ecological Applications, 2019, 29, e01950.	3.8	23
40	Exploring the consequences of reducing survey effort for detecting individual and temporal variability in survival. Journal of Applied Ecology, 2014, 51, 534-543.	4.0	21
41	A Call for International Leadership and Coordination to Realize the Potential of Conservation Technology. BioScience, 2019, 69, 823-832.	4.9	21
42	Inter-year differences in survival of Atlantic puffins Fratercula arctica are not associated with winter distribution. Marine Biology, 2013, 160, 2877-2889.	1.5	19
43	Open access solutions for biodiversity journals: Do not replace one problem with another. Diversity and Distributions, 2019, 25, 5-8.	4.1	19
44	Minimizing the Cost of Keeping Options Open for Conservation in a Changing Climate. Conservation Biology, 2014, 28, 646-653.	4.7	16
45	Bringing It All Together: Multi-species Integrated Population Modelling of a Breeding Community. Journal of Agricultural, Biological, and Environmental Statistics, 2017, 22, 140-160.	1.4	16
46	Identifying technology solutions to bring conservation into the innovation era. Frontiers in Ecology and the Environment, 2019, 17, 591-598.	4.0	13
47	Species occupancy estimation and imperfect detection: shall surveys continue after the first detection?. AStA Advances in Statistical Analysis, 2017, 101, 381-398.	0.9	9
48	Adaptive management informs conservation and monitoring of Australia's threatened malleefowl. Biological Conservation, 2019, 233, 31-40.	4.1	9
49	Differential use of highway underpasses by bats. Biological Conservation, 2017, 212, 22-28.	4.1	8
50	Threatened species impact assessments: survey effort requirements based on criteria for cumulative impacts. Diversity and Distributions, 2015, 21, 620-630.	4.1	7
51	Assessing the impacts of uncertainty in climateâ€change vulnerability assessments. Diversity and Distributions, 2019, 25, 1234-1245.	4.1	7
52	Little evidence of a roadâ€effect zone for nocturnal, flying insects. Ecology and Evolution, 2019, 9, 65-72.	1.9	7
53	Managing uncertainty in movement knowledge for environmental decisions. Conservation Letters, 2019, 12, e12620.	5.7	6
54	Enhancing repository fungal data for biogeographic analyses. Fungal Ecology, 2021, 53, 101097.	1.6	5

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55	Assessing the accuracy of densityâ€independent demographic models for predicting species ranges. Ecography, 2021, 44, 345-357.	4.5	4
56	Insectivorous bats are less active near freeways. PLoS ONE, 2021, 16, e0247400.	2.5	3