

JosÃ© JoaquÃ­n Lahoz-Monfort

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

6,167
citations

136950

32
h-index

149698

56
g-index

58
all docs

58
docs citations

58
times ranked

8490
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive performance of presence-only species distribution models: a benchmark study with reproducible code. <i>Ecological Monographs</i> , 2022, 92, e01486.	5.4	195
2	Assessing the accuracy of density-independent demographic models for predicting species ranges. <i>Ecography</i> , 2021, 44, 345-357.	4.5	4
3	Insectivorous bats are less active near freeways. <i>PLoS ONE</i> , 2021, 16, e0247400.	2.5	3
4	A Comprehensive Overview of Technologies for Species and Habitat Monitoring and Conservation. <i>BioScience</i> , 2021, 71, 1038-1062.	4.9	64
5	Enhancing repository fungal data for biogeographic analyses. <i>Fungal Ecology</i> , 2021, 53, 101097.	1.6	5
6	Modelling species presence-only data with random forests. <i>Ecography</i> , 2021, 44, 1731-1742.	4.5	77
7	Data Integration for Large-Scale Models of Species Distributions. <i>Trends in Ecology and Evolution</i> , 2020, 35, 56-67.	8.7	205
8	A standard protocol for reporting species distribution models. <i>Ecography</i> , 2020, 43, 1261-1277.	4.5	397
9	Using Species Distribution Models For Fungi. <i>Fungal Biology Reviews</i> , 2020, 34, 74-88.	4.7	31
10	Testing whether ensemble modelling is advantageous for maximising predictive performance of species distribution models. <i>Ecography</i> , 2020, 43, 549-558.	4.5	186
11	Forecasting species range dynamics with process-explicit models: matching methods to applications. <i>Ecology Letters</i> , 2019, 22, 1940-1956.	6.4	144
12	Identifying technology solutions to bring conservation into the innovation era. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 591-598.	4.0	13
13	A Call for International Leadership and Coordination to Realize the Potential of Conservation Technology. <i>BioScience</i> , 2019, 69, 823-832.	4.9	21
14	A review of evidence about use and performance of species distribution modelling ensembles like BIOMOD. <i>Diversity and Distributions</i> , 2019, 25, 839-852.	4.1	279
15	Spatially explicit power analysis for detecting occupancy trends for multiple species. <i>Ecological Applications</i> , 2019, 29, e01950.	3.8	23
16	Managing uncertainty in movement knowledge for environmental decisions. <i>Conservation Letters</i> , 2019, 12, e12620.	5.7	6
17	Assessing the impacts of uncertainty in climate-change vulnerability assessments. <i>Diversity and Distributions</i> , 2019, 25, 1234-1245.	4.1	7
18	Adaptive management informs conservation and monitoring of Australia's threatened malleefowl. <i>Biological Conservation</i> , 2019, 233, 31-40.	4.1	9

#	ARTICLE	IF	CITATIONS
19	Inferring species richness using multispecies occupancy modeling: Estimation performance and interpretation. <i>Ecology and Evolution</i> , 2019, 9, 780-792.	1.9	50
20	Little evidence of a roadâ€œeffect zone for nocturnal, flying insects. <i>Ecology and Evolution</i> , 2019, 9, 65-72.	1.9	7
21	Animal movements in fireâ€œprone landscapes. <i>Biological Reviews</i> , 2019, 94, 981-998.	10.4	100
22	Open access solutions for biodiversity journals: Do not replace one problem with another. <i>Diversity and Distributions</i> , 2019, 25, 5-8.	4.1	19
23	<code>block</code> <code>CV</code> : An <code>r</code> package for generating spatially or environmentally separated folds for <code>k</code> â€œfold crossâ€œvalidation of species distribution models. <i>Methods in Ecology and Evolution</i> , 2019, 10, 225-232.	5.2	299
24	Conservation technology: The next generation. <i>Conservation Letters</i> , 2018, 11, e12458.	5.7	51
25	Model averaging in ecology: a review of Bayesian, informationâ€œtheoretic, and tactical approaches for predictive inference. <i>Ecological Monographs</i> , 2018, 88, 485-504.	5.4	209
26	Occupancy and detectability modelling of vertebrates in northern Australia using multiple sampling methods. <i>PLoS ONE</i> , 2018, 13, e0203304.	2.5	24
27	Not all data are equal: Influence of data type and amount in spatial conservation prioritisation. <i>Methods in Ecology and Evolution</i> , 2018, 9, 2249-2261.	5.2	52
28	Assessing the vulnerability of freshwater crayfish to climate change. <i>Diversity and Distributions</i> , 2018, 24, 1830-1843.	4.1	27
29	Dealing with falseâ€œpositive and falseâ€œnegative errors about species occurrence at multiple levels. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1081-1091.	5.2	105
30	Species occupancy estimation and imperfect detection: shall surveys continue after the first detection?. <i>AStA Advances in Statistical Analysis</i> , 2017, 101, 381-398.	0.9	9
31	Differential use of highway underpasses by bats. <i>Biological Conservation</i> , 2017, 212, 22-28.	4.1	8
32	Crossâ€œvalidation strategies for data with temporal, spatial, hierarchical, or phylogenetic structure. <i>Ecography</i> , 2017, 40, 913-929.	4.5	1,092
33	Bringing It All Together: Multi-species Integrated Population Modelling of a Breeding Community. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2017, 22, 140-160.	1.4	16
34	Revealing beliefs: using ensemble ecosystem modelling to extrapolate expert beliefs to novel ecological scenarios. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1012-1021.	5.2	27
35	Evaluating 318 continentalâ€œscale species distribution models over a 60â€œyear prediction horizon: what factors influence the reliability of predictions?. <i>Global Ecology and Biogeography</i> , 2017, 26, 371-384.	5.8	81
36	Statistical approaches to account for falseâ€œpositive errors in environmental <code>DNA</code> samples. <i>Molecular Ecology Resources</i> , 2016, 16, 673-685.	4.8	158

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37	Adaptive management for improving species conservation across the captive-wild spectrum. <i>Biological Conservation</i> , 2016, 199, 123-131.	4.1	42
38	Deep-sea diversity patterns are shaped by energy availability. <i>Nature</i> , 2016, 533, 393-396.	27.8	202
39	When do we need more data? A primer on calculating the value of information for applied ecologists. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1219-1228.	5.2	146
40	Threatened species impact assessments: survey effort requirements based on criteria for cumulative impacts. <i>Diversity and Distributions</i> , 2015, 21, 620-630.	4.1	7
41	Is my species distribution model fit for purpose? Matching data and models to applications. <i>Global Ecology and Biogeography</i> , 2015, 24, 276-292.	5.8	661
42	Guidelines for Using Movement Science to Inform Biodiversity Policy. <i>Environmental Management</i> , 2015, 56, 791-801.	2.7	36
43	Accounting for detectability when surveying for rare or declining reptiles: Turning rocks to find the Grassland Earless Dragon in Australia. <i>Biological Conservation</i> , 2015, 182, 53-62.	4.1	25
44	Ignoring Imperfect Detection in Biological Surveys Is Dangerous: A Response to 'Fitting and Interpreting Occupancy Models'. <i>PLoS ONE</i> , 2014, 9, e99571.	2.5	142
45	Exploring the consequences of reducing survey effort for detecting individual and temporal variability in survival. <i>Journal of Applied Ecology</i> , 2014, 51, 534-543.	4.0	21
46	Minimizing the Cost of Keeping Options Open for Conservation in a Changing Climate. <i>Conservation Biology</i> , 2014, 28, 646-653.	4.7	16
47	Maxent is not a presence-absence method: a comment on Thibaud et al. <i>Methods in Ecology and Evolution</i> , 2014, 5, 1192-1197.	5.2	113
48	Imperfect detection impacts the performance of species distribution models. <i>Global Ecology and Biogeography</i> , 2014, 23, 504-515.	5.8	215
49	Inter-year differences in survival of Atlantic puffins <i>Fratercula arctica</i> are not associated with winter distribution. <i>Marine Biology</i> , 2013, 160, 2877-2889.	1.5	19
50	Breeding together: modeling synchrony in productivity in a seabird community. <i>Ecology</i> , 2013, 94, 3-10.	3.2	31
51	Analysing and mapping species range dynamics using occupancy models. <i>Journal of Biogeography</i> , 2013, 40, 1463-1474.	3.0	112
52	Designing studies to detect differences in species occupancy: power analysis under imperfect detection. <i>Methods in Ecology and Evolution</i> , 2012, 3, 860-869.	5.2	130
53	A capture-recapture model for exploring multi-species synchrony in survival. <i>Methods in Ecology and Evolution</i> , 2011, 2, 116-124.	5.2	63
54	Population Status of a Cryptic Top Predator: An Island-Wide Assessment of Tigers in Sumatran Rainforests. <i>PLoS ONE</i> , 2011, 6, e25931.	2.5	61

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55	Satellite imagery as a single source of predictor variables for habitat suitability modelling: how Landsat can inform the conservation of a critically endangered lemur. <i>Journal of Applied Ecology</i> , 2010, 47, 1094-1102.	4.0	40
56	Using occupancy as a state variable for monitoring the Critically Endangered Alaotran gentle lemur <i>Haplemur alaotrensis</i> . <i>Endangered Species Research</i> , 2010, 11, 157-166.	2.4	65