

Damaris Zurell

List of Publications by Citations

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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.

49
papers

5,964
citations

22
h-index

59
g-index

59
ext. papers

7,887
ext. citations

5.4
avg, IF

5.22
L-index

#	Paper	IF	Citations
49	Collinearity: a review of methods to deal with it and a simulation study evaluating their performance. <i>Ecography</i> , 2013 , 36, 27-46	6.5	4125
48	Outstanding Challenges in the Transferability of Ecological Models. <i>Trends in Ecology and Evolution</i> , 2018 , 33, 790-802	10.9	213
47	The virtual ecologist approach: simulating data and observers. <i>Oikos</i> , 2010 , 119, 622-635	4	193
46	A standard protocol for reporting species distribution models. <i>Ecography</i> , 2020 , 43, 1261-1277	6.5	141
45	Benchmarking novel approaches for modelling species range dynamics. <i>Global Change Biology</i> , 2016 , 22, 2651-64	11.4	137
44	Integrating movement ecology with biodiversity research - exploring new avenues to address spatiotemporal biodiversity dynamics. <i>Movement Ecology</i> , 2013 , 1, 6	4.6	121
43	Static species distribution models in dynamically changing systems: how good can predictions really be?. <i>Ecography</i> , 2009 , 32, 733-744	6.5	100
42	Does probability of occurrence relate to population dynamics?. <i>Ecography</i> , 2014 , 37, 1155-1166	6.5	98
41	The challenges of the first migration: movement and behaviour of juvenile vs. adult white storks with insights regarding juvenile mortality. <i>Journal of Animal Ecology</i> , 2016 , 85, 938-47	4.7	90
40	Predicting to new environments: tools for visualizing model behaviour and impacts on mapped distributions. <i>Diversity and Distributions</i> , 2012 , 18, 628-634	5	80
39	Do joint species distribution models reliably detect interspecific interactions from co-occurrence data in homogenous environments?. <i>Ecography</i> , 2018 , 41, 1812-1819	6.5	54
38	Long-distance migratory birds threatened by multiple independent risks from global change. <i>Nature Climate Change</i> , 2018 , 8, 992-996	21.4	50
37	Uncertainty in predictions of range dynamics: black grouse climbing the Swiss Alps. <i>Ecography</i> , 2012 , 35, 590-603	6.5	48
36	Mechanistic modelling of animal dispersal offers new insights into range expansion dynamics across fragmented landscapes. <i>Ecography</i> , 2014 , 37, 1240-1253	6.5	46
35	Correlative and dynamic species distribution modelling for ecological predictions in the Antarctic: a cross-disciplinary concept. <i>Polar Research</i> , 2012 , 31, 11091	2	46
34	Macroecology in the age of Big Data [Where to go from here?]. <i>Journal of Biogeography</i> , 2020 , 47, 1-12	4.1	34
33	Wintering in Europe instead of Africa enhances juvenile survival in a long-distance migrant. <i>Animal Behaviour</i> , 2017 , 126, 79-88	2.8	30

32	Testing species assemblage predictions from stacked and joint species distribution models. <i>Journal of Biogeography</i> , 2020 , 47, 101-113	4.1	26
31	Do long-distance migratory birds track their niche through seasons?. <i>Journal of Biogeography</i> , 2018 , 45, 1459-1468	4.1	25
30	Increasing synergistic effects of habitat destruction and hunting on mammals over three decades in the Gran Chaco. <i>Ecography</i> , 2020 , 43, 954-966	6.5	24
29	Rapid changes in seed dispersal traits may modify plant responses to global change. <i>AoB PLANTS</i> , 2019 , 11, plz020	2.9	23
28	The total dispersal kernel: a review and future directions. <i>AoB PLANTS</i> , 2019 , 11, plz042	2.9	23
27	Integrating demography, dispersal and interspecific interactions into bird distribution models. <i>Journal of Avian Biology</i> , 2017 , 48, 1505-1516	1.9	22
26	Early arrival at breeding grounds: Causes, costs and a trade-off with overwintering latitude. <i>Journal of Animal Ecology</i> , 2018 , 87, 1627-1638	4.7	21
25	How can we bring together empiricists and modellers in functional biodiversity research?. <i>Basic and Applied Ecology</i> , 2013 , 14, 93-101	3.2	18
24	Employing plant functional groups to advance seed dispersal ecology and conservation. <i>AoB PLANTS</i> , 2019 , 11, plz006	2.9	18
23	Individual-based modelling of resource competition to predict density-dependent population dynamics: a case study with white storks. <i>Oikos</i> , 2015 , 124, 319-330	4	17
22	Home Range Size and Resource Use of Breeding and Non-breeding White Storks Along a Land Use Gradient. <i>Frontiers in Ecology and Evolution</i> , 2018 , 6,	3.7	13
21	Advancing an interdisciplinary framework to study seed dispersal ecology. <i>AoB PLANTS</i> , 2020 , 12, plz048	2.9	13
20	Frequency and intensity of facilitation reveal opposing patterns along a stress gradient. <i>Ecology and Evolution</i> , 2018 , 8, 2171-2181	2.8	12
19	Global predictors of alien plant establishment success: combining niche and trait proxies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182477	4.4	11
18	Spatial modelling of ecological indicator values improves predictions of plant distributions in complex landscapes. <i>Ecography</i> , 2020 , 43, 1448-1463	6.5	11
17	Open access solutions for biodiversity journals: Do not replace one problem with another. <i>Diversity and Distributions</i> , 2019 , 25, 5-8	5	10
16	Effects of functional traits on the prediction accuracy of species richness models. <i>Diversity and Distributions</i> , 2016 , 22, 905-917	5	9
15	Better Model Transfers Require Knowledge of Mechanisms. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 489-490	10.9	8

14	Scale dependency of joint species distribution models challenges interpretation of biotic interactions. <i>Journal of Biogeography</i> , 2021 , 48, 1541-1551	4.1	7
13	Causes and consequences of facultative sea crossing in a soaring migrant. <i>Functional Ecology</i> , 2020 , 34, 840-852	5.6	6
12	Early-life behaviour predicts first-year survival in a long-distance avian migrant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20202670	4.4	6
11	RangeShifter 2.0: An extended and enhanced platform for modelling spatial eco-evolutionary dynamics and species' responses to environmental changes		5
10	Seasonal niche tracking of climate emerges at the population level in a migratory bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20201799	4.4	5
9	RangeShifter 2.0: an extended and enhanced platform for modelling spatial eco-evolutionary dynamics and species' responses to environmental changes. <i>Ecography</i> , 2021 , 44, 1453-1462	6.5	5
8	sOAR: a tool for modelling optimal animal life-history strategies in cyclic environments. <i>Ecography</i> , 2018 , 41, 551-557	6.5	4
7	Spatially explicit models for decision-making in animal conservation and restoration. <i>Ecography</i> ,	6.5	4
6	Reducing persecution is more effective for restoring large carnivores than restoring their prey. <i>Ecological Applications</i> , 2021 , 31, e02338	4.9	4
5	Can dynamic occupancy models improve predictions of species' range dynamics? A test using Swiss birds. <i>Global Change Biology</i> , 2021 , 27, 4269-4282	11.4	3
4	RangeShiftR: an R package for individual-based simulation of spatial eco-evolutionary dynamics and species' responses to environmental changes. <i>Ecography</i> , 2021 , 44, 1443-1452	6.5	3
3	RangeShiftR: an R package for individual-based simulation of spatial eco-evolutionary dynamics and species' responses to environmental change		1
2	Anthropogenic and environmental drivers shape diversity of naturalized plants across the Pacific. <i>Diversity and Distributions</i> , 2021 , 27, 1120-1133	5	0
1	Estimating nest-switching in free-ranging wild birds: an assessment of the most common methodologies, illustrated in the White Stork (<i>Ciconia ciconia</i>). <i>Ibis</i> , 2021 , 163, 1110-1119	1.9	0