Greta Bocedi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6765215/publications.pdf

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39 papers	2,264 citations	430874 18 h-index	315739 38 g-index
45 all docs	45 docs citations	45 times ranked	4260 citing authors

#	Article	IF	Citations
1	Improving the forecast for biodiversity under climate change. Science, 2016, 353, .	12.6	780
2	Dispersal and speciesâ€™ responses to climate change. Oikos, 2013, 122, 1532-1540.	2.7	318
3	Genetics of dispersal. Biological Reviews, 2018, 93, 574-599.	10.4	182
4	Range<scp>S</scp>hifter: a platform for modelling spatial ecoâ€evolutionary dynamics and species' responses to environmental changes. Methods in Ecology and Evolution, 2014, 5, 388-396.	5.2	160
5	Using dynamic vegetation models to simulate plant range shifts. Ecography, 2014, 37, 1184-1197.	4.5	89
6	A traitâ€based approach for predicting species responses to environmental change from sparse data: how well might terrestrial mammals track climate change?. Global Change Biology, 2016, 22, 2415-2424.	9.5	69
7	Uncertainty and the Role of Information Acquisition in the Evolution of Context-Dependent Emigration. American Naturalist, 2012, 179, 606-620.	2.1	67
8	Mechanistic modelling of animal dispersal offers new insights into range expansion dynamics across fragmented landscapes. Ecography, 2014, 37, 1240-1253.	4.5	61
9	Effects of local adaptation and interspecific competition on speciesâ€™ responses to climate change. Annals of the New York Academy of Sciences, 2013, 1297, 83-97.	3.8	49
10	Range expansion of an invasive species through a heterogeneous landscape â€“ the case of American mink in Scotland. Diversity and Distributions, 2015, 21, 888-900.	4.1	40
11	The importance of realistic dispersal models in conservation planning: application of a novel modelling platform to evaluate management scenarios in an Afrotropical biodiversity hotspot. Journal of Applied Ecology, 2016, 53, 1055-1065.	4.0	40
12	RangeShifter 2.0: an extended and enhanced platform for modelling spatial ecoâ€evolutionary dynamics and species' responses to environmental changes. Ecography, 2021, 44, 1453-1462.	4.5	34
13	Eco-evolutionary dynamics of range shifts: Elastic margins and critical thresholds. Journal of Theoretical Biology, 2013, 321, 1-7.	1.7	31
14	Evolution of female multiple mating: A quantitative model of the â€œsexually selected spermâ€•hypothesis. Evolution; International Journal of Organic Evolution, 2015, 69, 39-58.	2.3	28
15	Spatially explicit models for decisionâ€making in animal conservation and restoration. Ecography, 2022, 2022, .	4.5	28
16	Prioritising conservation actions for biodiversity: Lessening the impact from habitat fragmentation and climate change. Biological Conservation, 2020, 252, 108819.	4.1	26
17	Modelling potential success of conservation translocations of a specialist grassland butterfly. Biological Conservation, 2015, 192, 200-206.	4.1	23
18	Coding for Life: Designing a Platform for Projecting and Protecting Global Biodiversity. BioScience, 2022, 72, 91-104.	4.9	23

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19	When does female multiple mating evolve to adjust inbreeding? Effects of inbreeding depression, direct costs, mating constraints, and polyandry as a threshold trait. Evolution; International Journal of Organic Evolution, 2016, 70, 1927-1943.	2.3	22
20	A multi-species modelling approach to examine the impact of alternative climate change adaptation strategies on range shifting ability in a fragmented landscape. Ecological Informatics, 2015, 30, 222-229.	5.2	21
21	Coupled land use and ecological models reveal emergence and feedbacks in socioâ€ecological systems. Ecography, 2019, 42, 814-825.	4.5	21
22	Reducing persecution is more effective for restoring large carnivores than restoring their prey. Ecological Applications, 2021, 31, e02338.	3.8	16
23	Spread rates on fragmented landscapes: the interacting roles of demography, dispersal and habitat availability. Diversity and Distributions, 2016, 22, 1266-1275.	4.1	15
24	Coevolutionary Feedbacks between Female Mating Interval and Male Allocation to Competing Sperm Traits Can Drive Evolution of Costly Polyandry. American Naturalist, 2016, 187, 334-350.	2.1	14
25	Maladapted Prey Subsidize Predators and Facilitate Range Expansion. American Naturalist, 2019, 194, 590-612.	2.1	13
26	RangeShiftR: an R package for individualâ€based simulation of spatial ecoâ€evolutionary dynamics and species' responses to environmental changes. Ecography, 2021, 44, 1443-1452.	4.5	12
27	Negative densityâ€dependent dispersal emerges from the joint evolution of densityâ€and body conditionâ€dependent dispersal strategies. Evolution; International Journal of Organic Evolution, 2020, 74, 2238-2249.	2.3	9
28	Orangutan movement and population dynamics across human-modified landscapes: implications of policy and management. Landscape Ecology, 2021, 36, 2957-2975.	4.2	9
29	Impacts of Land Cover Data Selection and Trait Parameterisation on Dynamic Modelling of Speciesâ€™ Range Expansion. PLoS ONE, 2014, 9, e108436.	2.5	9
30	Inter-annual variability influences the eco-evolutionary dynamics of range-shifting. PeerJ, 2014, 1, e228.	2.0	9
31	Feed-backs among inbreeding, inbreeding depression in sperm traits, and sperm competition can drive evolution of costly polyandry. Evolution; International Journal of Organic Evolution, 2017, 71, 2786-2802.	2.3	7
32	Evolution of precopulatory and post-copulatory strategies of inbreeding avoidance and associated polyandry. Journal of Evolutionary Biology, 2018, 31, 31-45.	1.7	6
33	Fauxcurrence: simulating multiâ€species occurrences for null models in species distribution modelling and biogeography. Ecography, 2022, 2022, .	4.5	6
34	Dispersal evolution in currents: spatial sorting promotes philopatry in upstream patches. Ecography, 2021, 44, 231-241.	4.5	5
35	Prospecting and informed dispersal: Understanding and predicting their joint ecoâ€evolutionary dynamics. Ecology and Evolution, 2021, 11, 15289-15302.	1.9	5
36	Modelling the responses of partially migratory metapopulations to changing seasonal migration rates: From theory to data. Journal of Animal Ecology, 2022, 91, 1781-1796.	2.8	3

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37	Ancient geological dynamics impact neutral biodiversity accumulation and are detectable in phylogenetic reconstructions. Global Ecology and Biogeography, 2021, 30, 1633-1642.	5.8	1
38	Ecological sexual dimorphism is modulated by the spatial scale of intersexual resource competition. Journal of Animal Ecology, 2021, 90, 1810-1813.	2.8	1
39	Strong spatial population structure shapes the temporal coevolutionary dynamics of costly female preference and male display. Evolution; International Journal of Organic Evolution, 2022, 76, 636-648.	2.3	1