Colin M. Beale

List of Publications by Year
in descending order

73 papers	5,156 citations	147801 31 h-index	114465 63 g-index
76 all docs	76 docs citations	76 times ranked	8348 citing authors

#	Article	IF	Citations
1	Standards for distribution models in biodiversity assessments. Science Advances, 2019, 5, eaat4858.	10.3	605
2	Regression analysis of spatial data. Ecology Letters, 2010, 13, 246-264.	6.4	455
3	Human disturbance: people as predation-free predators?. Journal of Applied Ecology, 2004, 41, 335-343.	4.0	341
4	Opening the climate envelope reveals no macroscale associations with climate in European birds. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14908-14912.	7.1	285
5	Improving assessment and modelling of climate change impacts on global terrestrial biodiversity. Trends in Ecology and Evolution, 2011, 26, 249-259.	8.7	268
6	Behavioural responses to human disturbance: a matter of choice?. Animal Behaviour, 2004, 68, 1065-1069.	1.9	260
7	Another Continental Vulture Crisis: Africa's Vultures Collapsing toward Extinction. Conservation Letters, 2016, 9, 89-97.	5.7	260
8	Extinction risk from climate change is reduced by microclimatic buffering. Nature Climate Change, 2018, 8, 713-717.	18.8	245
9	Incorporating uncertainty in predictive species distribution modelling. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 247-258.	4.0	217
10	Model averaging in ecology: a review of Bayesian, information‐theoretic, and tactical approaches for predictive inference. Ecological Monographs, 2018, 88, 485-504.	5.4	209
11	Cross-boundary human impacts compromise the Serengeti-Mara ecosystem. Science, 2019, 363, 1424-1428.	12.6	160
12	Biodiversity gains and losses: Evidence for homogenisation of Scottish alpine vegetation. Biological Conservation, 2009, 142, 1728-1739.	4.1	115
13	A framework for assessing threats and benefits to species responding to climate change. Methods in Ecology and Evolution, 2011, 2, 125-142.	5.2	109
14	Palatability mapping: a koala's eye view of spatial variation in habitat quality. Ecology, 2010, 91, 3165-3176.	3.2	107
15	Are richness patterns of common and rare species equally well explained by environmental variables?. Ecography, 2011, 34, 529-539.	4.5	75
16	Protected area networks and savannah bird biodiversity in the face of climate change and land degradation. Ecology Letters, 2013, 16, 1061-1068.	6.4	74
17	Spatiotemporal trends of illegal activities from ranger-collected data in a Ugandan national park. Conservation Biology, 2015, 29, 1458-1470.	4.7	74
18	Lytic activity by temperate phages of *Pseudomonas aeruginosa* in long-term cystic fibrosis chronic lung infections. ISME Journal, 2015, 9, 1391-1398.	9.8	70

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19	Improving Law–Enforcement Effectiveness and Efficiency in Protected Areas Using Ranger–collected Monitoring Data. Conservation Letters, 2017, 10, 572-580.	5.7	65
20	Revealing ecological networks using Bayesian network inference algorithms. Ecology, 2010, 91, 1892-1899.	3.2	64
21	African elephant poaching rates correlate with local poverty, national corruption and global ivory price. Nature Communications, 2019, 10, 2242.	12.8	63
22	Pyrodiversity interacts with rainfall to increase bird and mammal richness in African savannas. Ecology Letters, 2018, 21, 557-567.	6.4	55
23	Red herrings remain in geographical ecology: a reply to Hawkins et al. (2007). Ecography, 2007, 30, 845-847.	4.5	53
24	Inferring species interaction networks from species abundance data: A comparative evaluation of various statistical and machine learning methods. Ecological Informatics, 2010, 5, 451-464.	5.2	52
25	Climate change vulnerability for species—Assessing the assessments. Global Change Biology, 2017, 23, 3704-3715.	9.5	52
26	Making Messy Data Work for Conservation. One Earth, 2020, 2, 455-465.	6.8	51
27	Emerging illegal wildlife trade issues: A global horizon scan. Conservation Letters, 2020, 13, e12715.	5.7	51
28	Climate change may account for the decline in British ring ouzels Turdus torquatus. Journal of Animal Ecology, 2006, 75, 826-835.	2.8	48
29	Annual cycles are the most common reproductive strategy in African tropical tree communities. Biotropica, 2018, 50, 418-430.	1.6	48
30	Ten lessons for the conservation of African savannah ecosystems. Biological Conservation, 2013, 167, 224-232.	4.1	44
31	Anthropogenic modifications to fire regimes in the wider Serengeti–Mara ecosystem. Global Change Biology, 2019, 25, 3406-3423.	9.5	38
32	A national-scale assessment of climate change impacts on species: Assessing the balance of risks and opportunities for multiple taxa. Biological Conservation, 2017, 213, 124-134.	4.1	35
33	Hierarchical Bayesian models in ecology: Reconstructing species interaction networks from non-homogeneous species abundance data. Ecological Informatics, 2012, 11, 55-64.	5.2	33
34	A new statistical framework for the quantification of covariate associations with species distributions. Methods in Ecology and Evolution, 2014, 5, 421-432.	5.2	32
35	Global extent and drivers of mammal population declines in protected areas under illegal hunting pressure. PLoS ONE, 2020, 15, e0227163.	2.5	31
36	Barriers to dispersal of rain forest butterflies in tropical agricultural landscapes. Biotropica, 2017, 49, 206-216.	1.6	28

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37	Plant richness, turnover, and evolutionary diversity track gradients of stability and ecological opportunity in a megadiversity center. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20027-20037.	7.1	28
38	Are existing biodiversity conservation strategies appropriate in a changing climate?. Biological Conservation, 2016, 193, 17-26.	4.1	27
39	Modeling the Effects of Limiting the Number of Visitors on Failure Rates of Seabird Nests. Conservation Biology, 2005, 19, 2015-2019.	4.7	24
40	The impact of increased food availability on survival of a long-distance migratory bird. Ecology, 2013, 94, 221-230.	3.2	24
41	Beyond climate envelopes: bio-climate modelling accords with observed 25-year changes in seabird populations of the British Isles. Diversity and Distributions, 2015, 21, 211-222.	4.1	22
42	Continent-level drivers of African pyrodiversity. Ecography, 2018, 41, 889-899.	4.5	21
43	Spatial analysis of aerial survey data reveals correlates of elephant carcasses within a heavily poached ecosystem. Biological Conservation, 2018, 218, 258-267.	4.1	20
44	The ecology of tree reproduction in an African medium altitude rain forest. Biotropica, 2018, 50, 405-417.	1.6	20
45	Does climate change explain the decline of a trans-Saharan Afro-Palaearctic migrant?. Oecologia, 2009, 159, 649-659.	2.0	19
46	European bird distributions still show few climate associations. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E41-E43.	7.1	17
47	The effectiveness of the protected area network of Great Britain. Biological Conservation, 2021, 257, 109146.	4.1	15
48	Managing visitor access to seabird colonies: a spatial simulation and empirical observations. Ibis, 2007, 149, 102-111.	1.9	14
49	Can microclimate offer refuge to an upland bird species under climate change?. Landscape Ecology, 2020, 35, 1907-1922.	4.2	14
50	The Impact of Increased Food Availability on Reproduction in a Long-Distance Migratory Songbird: Implications for Environmental Change?. PLoS ONE, 2014, 9, e111180.	2.5	13
51	Multi-taxa spatial conservation planning reveals similar priorities between taxa and improved protected area representation with climate change. Biodiversity and Conservation, 2022, 31, 683-702.	2.6	13
52	Detecting deterrence from patrol data. Conservation Biology, 2019, 33, 665-675.	4.7	12
53	Wader recruitment indices suggest nesting success is temperature-dependent in Dunlin Calidris alpina. Ibis, 2006, 148, 405-410.	1.9	11
54	Can collective memories shape fish distributions? A test, linking space-time occurrence models and population demographics. Ecography, 2018, 41, 938-957.	4.5	11

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55	Second-Order Analysis of Inhomogeneous Spatial Point Processes With Proportional Intensity Functions. Journal of the American Statistical Association, 2008, 103, 769-777.	3.1	8
56	Roles of Spatial Scale and Rarity on the Relationship between Butterfly Species Richness and Human Density in South Africa. PLoS ONE, 2015, 10, e0124327.	2.5	8
57	Pale Rock Sparrow Carpospiza brachydactyla in the Mount Lebanon range: modelling breeding habitat. Ibis, 2005, 147, 324-333.	1.9	6
58	Modelling habitat conversion in miombo woodlands: Insights from Tanzania. Journal of Land Use Science, 0, , .	2.2	6
59	Trends and themes in African ornithology. Ostrich, 2018, 89, 99-108.	1.1	6
60	Incipient signs of genetic differentiation among African elephant populations in fragmenting miombo ecosystems in south‐western Tanzania. African Journal of Ecology, 2018, 56, 993-1002.	0.9	5
61	The allometry of proboscis length in Melittidae (Hymenoptera: Apoidae) and an estimate of their foraging distance using museum collections. PLoS ONE, 2019, 14, e0217839.	2.5	5
62	Translating area-based conservation pledges into efficient biodiversity protection outcomes. Communications Biology, 2021, 4, 1043.	4.4	5
63	Evidence of deterrence from patrol data: Trialling application of a differenced‐<scp>CPUE</scp> metric. Conservation Science and Practice, 0, , .	2.0	3
64	Decline of a Rare Moth at Its Last Known English Site: Causes and Lessons for Conservation. PLoS ONE, 2016, 11, e0157423.	2.5	2
65	Missing the bigger picture: reply to McKechnie and Amar (2018). Ostrich, 2018, 89, 153-154.	1.1	2
66	Public information affects foraging patch use by mixed‐species flocks of tits in high‐risk, open environments. Ibis, 2021, 163, 1443-1447.	1.9	0
67	A systematic map of demographic data from elephant populations throughout Africa: implications for poaching and population analyses. Mammal Review, 0, , .	4.8	0
68	Title is missing!. , 2020, 15, e0227163.		0
69	Title is missing!. , 2020, 15, e0227163.		0
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71	Title is missing!. , 2020, 15, e0227163.		0
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73	Title is missing!. , 2020, 15, e0227163.		0