

Mark Bolton

List of Publications by Year in descending order

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82
papers

2,931
citations

172457

29
h-index

189892

50
g-index

82
all docs

82
docs citations

82
times ranked

3012
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of GPS tagging on behaviour and marine distribution of breeding Arctic Terns <i>Sterna paradisaea</i> . <i>Ibis</i> , 2021, 163, 197-212.	1.9	11
2	GPS tracking reveals highly consistent use of restricted foraging areas by European Storm-petrels <i>Hydrobates pelagicus</i> breeding at the largest UK colony: implications for conservation management. <i>Bird Conservation International</i> , 2021, 31, 35-52.	1.3	12
3	Consistent concentrations of critically endangered Balearic shearwaters in UK waters revealed by at-sea surveys. <i>Ecology and Evolution</i> , 2021, 11, 1544-1557.	1.9	2
4	Upwelling systems in the migration ecology of Roseate Terns (<i>Sterna dougallii</i>) breeding in northwest Europe. <i>Ibis</i> , 2021, 163, 549-565.	1.9	8
5	Effects of human disturbance on postnatal growth and baseline corticosterone in a long-lived bird. , 2021, 9, coab052.		2
6	What is our power to detect device effects in animal tracking studies?. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1174-1185.	5.2	7
7	Direct evidence of a prey depletion 'halo' surrounding a pelagic predator colony. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
8	Environmental heterogeneity promotes individual specialisation in habitat selection in a widely distributed seabird. <i>Journal of Animal Ecology</i> , 2021, 90, 2875-2887.	2.8	14
9	Genetic structure among <i>Charadrius</i> plovers on the African mainland and islands of Madagascar and St Helena. <i>Ibis</i> , 2020, 162, 104-118.	1.9	4
10	Distribution maps of cetacean and seabird populations in the North-East Atlantic. <i>Journal of Applied Ecology</i> , 2020, 57, 253-269.	4.0	60
11	Identifying important at-sea areas for seabirds using species distribution models and hotspot mapping. <i>Biological Conservation</i> , 2020, 241, 108375.	4.1	28
12	Cryptic species and independent origins of allochronic populations within a seabird species complex (<i>Hydrobates</i> spp.). <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106552.	2.7	18
13	Matches and Mismatches Between Seabird Distributions Estimated From At-Sea Surveys and Concurrent Individual-Level Tracking. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	10
14	Environmental heterogeneity decreases reproductive success via effects on foraging behaviour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190795.	2.6	14
15	A Migratory Divide Among Red-Necked Phalaropes in the Western Palearctic Reveals Contrasting Migration and Wintering Movement Strategies. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	27
16	Shearwaters know the direction and distance home but fail to encode intervening obstacles after free-ranging foraging trips. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21629-21633.	7.1	21
17	Metapopulation dynamics of roseate terns: Sources, sinks and implications for conservation management decisions. <i>Journal of Animal Ecology</i> , 2019, 88, 138-153.	2.8	21
18	A review of the occurrence of inter-colony segregation of seabird foraging areas and the implications for marine environmental impact assessment. <i>Ibis</i> , 2019, 161, 241-259.	1.9	54

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19	In Situ Clock Shift Reveals that the Sun Compass Contributes to Orientation in a Pelagic Seabird. <i>Current Biology</i> , 2018, 28, 275-279.e2.	3.9	16
20	Predicting animal behaviour using deep learning: <scp>GPS</scp> data alone accurately predict diving in seabirds. <i>Methods in Ecology and Evolution</i> , 2018, 9, 681-692.	5.2	60
21	Testing the use of infra-red video cameras to census a nocturnal burrow-nesting seabird, the European Storm Petrel <i>Hydrobates pelagicus</i>. <i>Ibis</i> , 2018, 160, 365-378.	1.9	6
22	What can seabirds tell us about the tide?. <i>Ocean Science</i> , 2018, 14, 1483-1490.	3.4	8
23	Spatial scales of marine conservation management for breeding seabirds. <i>Marine Policy</i> , 2018, 98, 37-46.	3.2	77
24	Comparing marine distribution maps for seabirds during the breeding season derived from different survey and analysis methods. <i>PLoS ONE</i> , 2018, 13, e0201797.	2.5	15
25	Combined bottom-up and top-down pressures drive catastrophic population declines of Arctic skuas in Scotland. <i>Journal of Animal Ecology</i> , 2018, 87, 1573-1586.	2.8	23
26	Using dual-sex calls improves the playback census method for a nocturnal burrow-nesting seabird, the Manx Shearwater <i>Puffinus puffinus</i>. <i>Bird Study</i> , 2017, 64, 146-158.	1.0	7
27	Reduced population size does not affect the mating strategy of a vulnerable and endemic seabird. <i>Die Naturwissenschaften</i> , 2017, 104, 103.	1.6	2
28	Taking movement data to new depths: Inferring prey availability and patch profitability from seabird foraging behavior. <i>Ecology and Evolution</i> , 2017, 7, 10252-10265.	1.9	36
29	Breeding density, fine-scale tracking, and large-scale modeling reveal the regional distribution of four seabird species. <i>Ecological Applications</i> , 2017, 27, 2074-2091.	3.8	83
30	Quantifying full phenological event distributions reveals simultaneous advances, temporal stability and delays in spring and autumn migration timing in long-distance migratory birds. <i>Global Change Biology</i> , 2017, 23, 1400-1414.	9.5	38
31	Kittiwake breeding success in the southern North Sea correlates with prior sandeel fishing mortality. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1164-1175.	2.0	19
32	The use of an unsupervised learning approach for characterizing latent behaviors in accelerometer data. <i>Ecology and Evolution</i> , 2016, 6, 727-741.	1.9	90
33	Influence of diet and foraging strategy on reproductive success in two morphologically similar sympatric seabirds. <i>Bird Study</i> , 2016, 63, 319-329.	1.0	7
34	Assessing the effects of repeated handling on the physiology and condition of semi-precocial nestlings. <i>Ibis</i> , 2016, 158, 834-843.	1.9	6
35	Foraging flexibility and search patterns are unlinked during breeding in a free-ranging seabird. <i>Marine Biology</i> , 2016, 163, 72.	1.5	13
36	Defining marine important bird areas: Testing the foraging radius approach. <i>Biological Conservation</i> , 2016, 196, 69-79.	4.1	39

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37	Social foraging European shags: GPS tracking reveals birds from neighbouring colonies have shared foraging grounds. <i>Journal of Ornithology</i> , 2016, 157, 23-32.	1.1	23
38	Foraging behaviour of Brown Boobies <i>Sula leucogaster</i> in Anguilla, Lesser Antilles: Preliminary identification of at-sea distribution using a time-in-area approach. <i>Bird Conservation International</i> , 2015, 25, 87-96.	1.3	11
39	The survival–reproduction association becomes stronger when conditions are good. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151529.	2.6	12
40	Understanding the mechanisms of antitropical divergence in the seabird <i>Wedge-tailed Shearwater</i> (<i>Puffinus pacificus</i>) using a multilocus approach. <i>Molecular Ecology</i> , 2015, 24, 3122-3137.	3.9	15
41	Parental resource allocation among offspring varies with increasing brood age in Black-legged Kittiwakes <i>Rissa tridactyla</i> . <i>Bird Study</i> , 2015, 62, 303-314.	1.0	1
42	Variation in early-life telomere dynamics in a long-lived bird: links to environmental conditions and survival. <i>Journal of Experimental Biology</i> , 2015, 218, 668-674.	1.7	57
43	Foraging distribution of a tropical seabird supports Ashmole's hypothesis of population regulation. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 915-926.	1.4	47
44	Variation in Population Synchrony in a Multi-Species Seabird Community: Response to Changes in Predator Abundance. <i>PLoS ONE</i> , 2015, 10, e0131543.	2.5	9
45	Nest fidelity is driven by multi-scale information in a long-lived seabird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141692.	2.6	17
46	Impact of introduced house mice (<i>Mus musculus</i>) on burrowing seabirds on Steeple Jason and Grand Jason Islands, Falklands, South Atlantic. <i>Polar Biology</i> , 2014, 37, 1659-1668.	1.2	20
47	Flexible foraging strategies in a diving seabird with high flight cost. <i>Marine Biology</i> , 2014, 161, 2121-2129.	1.5	13
48	Geolocator tagging reveals Pacific migration of Red-necked Phalarope <i>Phalaropus lobatus</i> breeding in Scotland. <i>Ibis</i> , 2014, 156, 870-873.	1.9	15
49	Out of sight but not out of harm's way: Human disturbance reduces reproductive success of a cavity-nesting seabird. <i>Biological Conservation</i> , 2014, 174, 127-133.	4.1	43
50	Managing uplands for biodiversity: Do agri-environment schemes deliver benefits for breeding lapwing <i>Vanellus vanellus</i> ?. <i>Journal of Applied Ecology</i> , 2013, 50, 794-804.	4.0	28
51	Sex differences in incubation behaviour but not mortality risk in a threatened shorebird. <i>Ibis</i> , 2013, 155, 877-880.	1.9	6
52	No overall benefit of predator enclosure cages for the endangered <i>Sooty Tern</i> (<i>Onychoprion fuscatus</i>) <i>Charadrius sanctaehelenae</i> . <i>Ibis</i> , 2013, 155, 397-401.	1.9	9
53	The impact of introduced predators on an island endemic, the St Helena Plover, <i>Charadrius sanctaehelenae</i> . <i>Bird Conservation International</i> , 2013, 23, 125-135.	1.3	10
54	Evaluation of field and analytical methods for estimating the population size of burrow-nesting seabirds from playback surveys. <i>Bird Study</i> , 2012, 59, 353-357.	1.0	9

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55	Breeding waders on wet grassland: factors influencing habitat suitability. , 2012, , 278-306.		4
56	Seabird foraging ranges as a preliminary tool for identifying candidate Marine Protected Areas. Biological Conservation, 2012, 156, 53-61.	4.1	169
57	The interaction between reproductive cost and individual quality is mediated by oceanic conditions in a long-lived bird. Ecology, 2012, 93, 1944-1952.	3.2	33
58	Molecular Evidence for Gender Differences in the Migratory Behaviour of a Small Seabird. PLoS ONE, 2012, 7, e46330.	2.5	17
59	Eradication of Invasive Mammals on Islands Inhabited by Humans and Domestic Animals. Conservation Biology, 2011, 25, 232-240.	4.7	105
60	Managing water levels on wet grasslands to improve foraging conditions for breeding northern lapwing <i>Vanellus vanellus</i> . Journal of Applied Ecology, 2010, 47, 451-458.	4.0	43
61	Effects of color banding, radio tagging, and repeated handling on the condition and survival of Lapwing chicks and consequences for estimates of breeding productivity. Journal of Field Ornithology, 2009, 80, 101-110.	0.5	22
62	Habitat management and patterns of predation of Northern Lapwings on wet grasslands: The influence of linear habitat structures at different spatial scales. Biological Conservation, 2009, 142, 314-324.	4.1	31
63	Restoration of wet features for breeding waders on lowland grassland. Journal of Applied Ecology, 2008, 45, 305-314.	4.0	77
64	Predation of Lapwing <i>Vanellus vanellus</i> nests on lowland wet grassland in England and Wales: effects of nest density, habitat and predator abundance. Journal of Ornithology, 2008, 149, 555-563.	1.1	33
65	Energy expenditure, body-weight and foraging performance of Storm Petrels <i>Hydrobates pelagicus</i> breeding in artificial nesting chambers. Ibis, 2008, 138, 405-409.	1.9	19
66	Predation on wader nests in Europe. Ibis, 2008, 150, 54-73.	1.9	124
67	Monteiro's Storm-petrel <i>Oceanodroma monteiroi</i> : a new species from the Azores. Ibis, 2008, 150, 717-727.	1.9	60
68	The impact of predator control on lapwing <i>Vanellus vanellus</i> breeding success on wet grassland nature reserves. Journal of Applied Ecology, 2007, 44, 534-544.	4.0	100
69	Sexual dimorphism, niche partitioning and social dominance in the feeding ecology of the critically endangered Raso Lark <i>Alauda razae</i> . Ibis, 2007, 149, 848-852.	1.9	12
70	Remote monitoring of nests using digital camera technology. Journal of Field Ornithology, 2007, 78, 213-220.	0.5	75
71	Playback experiments indicate absence of vocal recognition among temporally and geographically separated populations of Madeiran Storm-petrels <i>Oceanodroma castro</i> . Ibis, 2006, 149, 255-263.	1.9	22
72	Validation of the water offloading technique for diet assessment: an experimental study with Cory's shearwaters (<i>Calonectris diomedea</i>). Journal Fur Ornithologie, 2006, 147, 474-478.	1.2	14

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73	Ages of Storm Petrels<i>Hydrobates pelagicus</i> prospecting potential breeding colonies. Ringing and Migration, 2005, 22, 205-208.	0.4	14
74	Conservation management of Lapwing <i>Vanellus vanellus</i> on lowland arable farmland in the UK. Ibis, 2004, 146, 41-49.	1.9	26
75	The use of artificial breeding chambers as a conservation measure for cavity-nesting procellariiform seabirds: a case study of the Madeiran storm petrel (<i>Oceanodroma castro</i>). Biological Conservation, 2004, 116, 73-80.	4.1	72
76	Responses of breeding Cory's shearwater <i>Calonectris diomedea</i> to experimental manipulation of chick condition. Behavioral Ecology, 2000, 11, 274-281.	2.2	49
77	Sexing shags<i>phalacrocorax aristotelis</i> from external measurements using discriminant analysis. Ringing and Migration, 1997, 18, 50-56.	0.4	4
78	Experimental evidence for regulation of food delivery to storm petrel, <i>Hydrobates pelagicus</i> , nestlings: the role of chick body condition. Animal Behaviour, 1995, 50, 231-236.	1.9	42
79	Proximate determination of clutch size in lesser black-backed gulls: the roles of food supply and body condition. Canadian Journal of Zoology, 1993, 71, 273-279.	1.0	90
80	Nutritional Constraints on Egg Formation in the Lesser Black-Backed Gull: An Experimental Study. Journal of Animal Ecology, 1992, 61, 521.	2.8	166
81	Determinants of Chick Survival in the Lesser Black-Backed Gull: Relative Contributions of Egg Size and Parental Quality. Journal of Animal Ecology, 1991, 60, 949.	2.8	193
82	Experimental Evidence for Food Limitation of Egg Production in Gulls. Ornis Scandinavica, 1991, 22, 94.	1.0	79