

Mark Bolton

List of Publications by Year in descending order

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Version: 2024-02-01

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	Determinants of Chick Survival in the Lesser Black-Backed Gull: Relative Contributions of Egg Size and Parental Quality. <i>Journal of Animal Ecology</i> , 1991, 60, 949.	2.8	193
2	Seabird foraging ranges as a preliminary tool for identifying candidate Marine Protected Areas. <i>Biological Conservation</i> , 2012, 156, 53-61.	4.1	169
3	Nutritional Constraints on Egg Formation in the Lesser Black-Backed Gull: An Experimental Study. <i>Journal of Animal Ecology</i> , 1992, 61, 521.	2.8	166
4	Predation on wader nests in Europe. <i>Ibis</i> , 2008, 150, 54-73.	1.9	124
5	Eradication of Invasive Mammals on Islands Inhabited by Humans and Domestic Animals. <i>Conservation Biology</i> , 2011, 25, 232-240.	4.7	105
6	The impact of predator control on lapwing <i>Vanellus vanellus</i> breeding success on wet grassland nature reserves. <i>Journal of Applied Ecology</i> , 2007, 44, 534-544.	4.0	100
7	Proximate determination of clutch size in lesser black-backed gulls: the roles of food supply and body condition. <i>Canadian Journal of Zoology</i> , 1993, 71, 273-279.	1.0	90
8	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
9	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
10	Experimental Evidence for Food Limitation of Egg Production in Gulls. <i>Ornis Scandinavica</i> , 1991, 22, 94.	1.0	79
11	Restoration of wet features for breeding waders on lowland grassland. <i>Journal of Applied Ecology</i> , 2008, 45, 305-314.	4.0	77
12	Spatial scales of marine conservation management for breeding seabirds. <i>Marine Policy</i> , 2018, 98, 37-46.	3.2	77
13	Remote monitoring of nests using digital camera technology. <i>Journal of Field Ornithology</i> , 2007, 78, 213-220.	0.5	75
14	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>). <i>Biological Conservation</i> , 2004, 116, 73-80.	4.1	72
15	Monteiro's Storm-petrel <i>Oceanodroma monteiroi</i> : a new species from the Azores. <i>Ibis</i> , 2008, 150, 717-727.	1.9	60
16	Predicting animal behaviour using deep learning: <sc>GPS</sc> data alone accurately predict diving in seabirds. <i>Methods in Ecology and Evolution</i> , 2018, 9, 681-692.	5.2	60
17	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
18	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

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19	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
20	Responses of breeding Cory's shearwater <i>Calonectris diomedea</i> to experimental manipulation of chick condition. <i>Behavioral Ecology</i> , 2000, 11, 274-281.	2.2	49
21	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
22	Managing water levels on wet grasslands to improve foraging conditions for breeding northern lapwing <i>Vanellus vanellus</i> . <i>Journal of Applied Ecology</i> , 2010, 47, 451-458.	4.0	43
23	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
24	Experimental evidence for regulation of food delivery to storm petrel, <i>Hydrobates pelagicus</i> , nestlings: the role of chick body condition. <i>Animal Behaviour</i> , 1995, 50, 231-236.	1.9	42
25	Defining marine important bird areas: Testing the foraging radius approach. <i>Biological Conservation</i> , 2016, 196, 69-79.	4.1	39
26	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
27	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
28	Predation of Lapwing <i>Vanellus vanellus</i> nests on lowland wet grassland in England and Wales: effects of nest density, habitat and predator abundance. <i>Journal of Ornithology</i> , 2008, 149, 555-563.	1.1	33
29	The interaction between reproductive cost and individual quality is mediated by oceanic conditions in a long-lived bird. <i>Ecology</i> , 2012, 93, 1944-1952.	3.2	33
30	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
31	Habitat management and patterns of predation of Northern Lapwings on wet grasslands: The influence of linear habitat structures at different spatial scales. <i>Biological Conservation</i> , 2009, 142, 314-324.	4.1	31
32	Managing uplands for biodiversity: Do agricultural environment schemes deliver benefits for breeding lapwing <i>Vanellus vanellus</i> ? <i>Journal of Applied Ecology</i> , 2013, 50, 794-804.	4.0	28
33	Identifying important at-sea areas for seabirds using species distribution models and hotspot mapping. <i>Biological Conservation</i> , 2020, 241, 108375.	4.1	28
34	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
35	Conservation management of Lapwing <i>Vanellus vanellus</i> on lowland arable farmland in the UK. <i>Ibis</i> , 2004, 146, 41-49.	1.9	26
36	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

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37	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
38	Playback experiments indicate absence of vocal recognition among temporally and geographically separated populations of Madeiran Storm-petrels <i>Oceanodroma castro</i> . <i>Ibis</i> , 2006, 149, 255-263.	1.9	22
39	Effects of color banding, radio tagging, and repeated handling on the condition and survival of Lapwing chicks and consequences for estimates of breeding productivity. <i>Journal of Field Ornithology</i> , 2009, 80, 101-110.	0.5	22
40	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
41	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
42	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
43	Energy expenditure, body-weight and foraging performance of Storm Petrels <i>Hydrobates pelagicus</i> breeding in artificial nesting chambers. <i>Ibis</i> , 2008, 138, 405-409.	1.9	19
44	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
45	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
46	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
47	Molecular Evidence for Gender Differences in the Migratory Behaviour of a Small Seabird. <i>PLoS ONE</i> , 2012, 7, e46330.	2.5	17
48	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
49	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
50	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
51	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
52	Ages of Storm Petrels <i>Hydrobates pelagicus</i> prospecting potential breeding colonies. <i>Ring and Migration</i> , 2005, 22, 205-208.	0.4	14
53	Validation of the water offloading technique for diet assessment: an experimental study with Cory's shearwaters (<i>Calonectris diomedea</i>). <i>Journal of Field Ornithology</i> , 2006, 147, 474-478.	1.2	14
54	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

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55	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
56	Flexible foraging strategies in a diving seabird with high flight cost. <i>Marine Biology</i> , 2014, 161, 2121-2129.	1.5	13
57	Foraging flexibility and search patterns are unlinked during breeding in a free-ranging seabird. <i>Marine Biology</i> , 2016, 163, 72.	1.5	13
58	Sexual dimorphism, niche partitioning and social dominance in the feeding ecology of the critically endangered Raso Lark <i>Alauda razae</i> . <i>Ibis</i> , 2007, 149, 848-852.	1.9	12
59	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
60	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
61	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
62	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
63	The impact of introduced predators on an island endemic, the St Helena Plover, <i>Charadrius sanctaehelena</i> . <i>Bird Conservation International</i> , 2013, 23, 125-135.	1.3	10
64	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
65	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
66	No overall benefit of predator exclosure cages for the endangered <i>Sterna helenae</i> <i>Plover Charadrius sanctaehelena</i> . <i>Ibis</i> , 2013, 155, 397-401.	1.9	9
67	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
68	What can seabirds tell us about the tide?. <i>Ocean Science</i> , 2018, 14, 1483-1490.	3.4	8
69	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
70	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
71	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
72	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

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73	Sex differences in incubation behaviour but not mortality risk in a threatened shorebird. <i>Ibis</i> , 2013, 155, 877-880.	1.9	6
74	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
75	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
76	Sexing shags <i>phalacrocorax aristotelis</i> from external measurements using discriminant analysis. <i>Ring and Migration</i> , 1997, 18, 50-56.	0.4	4
77	Breeding waders on wet grassland: factors influencing habitat suitability. , 2012, , 278-306.		4
78	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
79	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
80	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
81	Effects of human disturbance on postnatal growth and baseline corticosterone in a long-lived bird. , 2021, 9, coab052.		2
82	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