

Tim Guilford

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.

59
papers

1,548
citations

24
h-index

38
g-index

68
ext. papers

1,908
ext. citations

8
avg, IF

4.45
L-index

#	Paper	IF	Citations
59	Multicolony tracking reveals the winter distribution of a pelagic seabird on an ocean basin scale. <i>Diversity and Distributions</i> , 2012 , 18, 530-542	5	128
58	A dispersive migration in the Atlantic Puffin and its implications for migratory navigation. <i>PLoS ONE</i> , 2011 , 6, e21336	3.7	100
57	Positional entropy during pigeon homing II: navigational interpretation of Bayesian latent state models. <i>Journal of Theoretical Biology</i> , 2004 , 227, 25-38	2.3	93
56	The biological roles of pyrazines: evidence for a warning odour function. <i>Biological Journal of the Linnean Society</i> , 1987 , 31, 113-128	1.9	90
55	Effects of age and reproductive status on individual foraging site fidelity in a long-lived marine predator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	66
54	Behavioural mapping of a pelagic seabird: combining multiple sensors and a hidden Markov model reveals the distribution of at-sea behaviour. <i>Journal of the Royal Society Interface</i> , 2013 , 10, 20120570	4.1	64
53	Pyrazine odour makes visually conspicuous prey aversive. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 159-62	4.4	62
52	How the viewing of familiar landscapes prior to release allows pigeons to home faster: evidence from GPS tracking. <i>Journal of Experimental Biology</i> , 2002 , 205, 3833-3844	3	60
51	Route following and the pigeon's familiar area map. <i>Journal of Experimental Biology</i> , 2014 , 217, 169-79	3	56
50	Geolocators reveal migration and pre-breeding behaviour of the critically endangered Balearic Shearwater <i>Puffinus mauretanicus</i> . <i>PLoS ONE</i> , 2012 , 7, e33753	3.7	55
49	Breeding density, fine-scale tracking, and large-scale modeling reveal the regional distribution of four seabird species 2017 , 27, 2074-2091		54
48	OLFACTORY-BULB SIZE AND NOCTURNALITY IN BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 1990 , 44, 339-346	3.8	51
47	Ocean-wide Drivers of Migration Strategies and Their Influence on Population Breeding Performance in a Declining Seabird. <i>Current Biology</i> , 2017 , 27, 3871-3878.e3	6.3	41
46	Predicting animal behaviour using deep learning: GPS data alone accurately predict diving in seabirds. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 681-692	7.7	40
45	Olfaction and topography, but not magnetic cues, control navigation in a pelagic seabird: displacements with shearwaters in the Mediterranean Sea. <i>Scientific Reports</i> , 2015 , 5, 16486	4.9	36
44	Lower foraging efficiency in immatures drives spatial segregation with breeding adults in a long-lived pelagic seabird. <i>Animal Behaviour</i> , 2015 , 110, 79-89	2.8	35
43	Drivers and fitness consequences of dispersive migration in a pelagic seabird. <i>Behavioral Ecology</i> , 2016 , 27, 1061-1072	2.3	32

42	Flight dynamics of Cory's shearwater foraging in a coastal environment. <i>Zoology</i> , 2010 , 113, 47-56	1.7	29
41	Carry-over effects on the annual cycle of a migratory seabird: an experimental study. <i>Journal of Animal Ecology</i> , 2016 , 85, 1516-1527	4.7	29
40	Dual foraging and pair coordination during chick provisioning by Manx shearwaters: empirical evidence supported by a simple model. <i>Journal of Experimental Biology</i> , 2015 , 218, 2116-23	3	27
39	ARE WARNING COLORS HANDICAPS?. <i>Evolution; International Journal of Organic Evolution</i> , 1993 , 47, 400-416	3.8	27
38	The sun compass revisited. <i>Animal Behaviour</i> , 2014 , 97, 135-143	2.8	25
37	Tracking, feather moult and stable isotopes reveal foraging behaviour of a critically endangered seabird during the non-breeding season. <i>Diversity and Distributions</i> , 2017 , 23, 130-145	5	24
36	Demography of the critically endangered Balearic shearwater: the impact of fisheries and time to extinction. <i>Journal of Applied Ecology</i> , 2016 , 53, 1158-1168	5.8	24
35	Modelling group navigation: transitive social structures improve navigational performance. <i>Journal of the Royal Society Interface</i> , 2015 , 12, 20150213	4.1	21
34	Wireless Sensor Network for habitat monitoring on Skomer Island 2010 ,		20
33	Natal imprinting to the Earth's magnetic field in a pelagic seabird. <i>Current Biology</i> , 2020 , 30, 2869-2873.e23	6.3	19
32	Remotely sensed wind speed predicts soaring behaviour in a wide-ranging pelagic seabird. <i>Journal of the Royal Society Interface</i> , 2017 , 14,	4.1	18
31	Flexible foraging strategies in a diving seabird with high flight cost. <i>Marine Biology</i> , 2014 , 161, 2121-2129.	2.5	13
30	Foraging flexibility and search patterns are unlinked during breeding in a free-ranging seabird. <i>Marine Biology</i> , 2016 , 163, 72	2.5	12
29	The diving behaviour of the Manx Shearwater <i>Puffinus puffinus</i> . <i>Ibis</i> , 2016 , 158, 598-606	1.9	12
28	Short-term behavioural impact contrasts with long-term fitness consequences of biologging in a long-lived seabird. <i>Scientific Reports</i> , 2020 , 10, 15056	4.9	11
27	An associative account of avian navigation. <i>Journal of Avian Biology</i> , 2017 , 48, 191-195	1.9	10
26	Diving behaviour of benthic feeding Black Guillemots. <i>Bird Study</i> , 2015 , 62, 217-222	0.7	10
25	THE EVOLUTION OF APOSEMATISM IN MARINE GASTROPODS. <i>Evolution; International Journal of Organic Evolution</i> , 1991 , 45, 449-451	3.8	10

24	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	11.5	10
23	Asymmetric visual input and route recapitulation in homing pigeons. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20151957	4.4	8
22	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	6.3	8
21	Predator Psychology and the Evolution of Prey Coloration 375-394		8
20	Accurate route demonstration by experienced homing pigeons does not improve subsequent homing performance in naive conspecifics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 2301-6	4.4	7
19	Young frigatebirds learn how to compensate for wind drift. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20201970	4.4	7
18	The Orientational Consequences of Flocking Behaviour in Homing Pigeons, <i>Columba livia</i> . <i>Ethology</i> , 1999 , 105, 13-23	1.7	6
17	Meeting Paris agreement objectives will temper seabird winter distribution shifts in the North Atlantic Ocean. <i>Global Change Biology</i> , 2021 , 27, 1457-1469	11.4	6
16	Avoidance of different durations, colours and intensities of artificial light by adult seabirds. <i>Scientific Reports</i> , 2021 , 11, 18941	4.9	6
15	Magnetic stop signs signal a European songbird's arrival at the breeding site after migration.. <i>Science</i> , 2022 , 375, 446-449	33.3	5
14	North Atlantic winter cyclones starve seabirds. <i>Current Biology</i> , 2021 , 31, 3964-3971.e3	6.3	5
13	Mating calls. <i>Nature</i> , 1990 , 344, 495-496	50.4	4
12	Is the viceroy a batesian mimic?. <i>Nature</i> , 1991 , 351, 611-611	50.4	3
11	An assay to investigate factors influencing initial orientation in nocturnally fledging seabirds. <i>Journal of Avian Biology</i> , 2021 , 52,	1.9	3
10	Patterns of at-sea behaviour at a hybrid zone between two threatened seabirds. <i>Scientific Reports</i> , 2019 , 9, 14720	4.9	2
9	How might magnetic secular variation impact avian philopatry?. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022 , 208, 145	2.3	2
8	Early-life development of contrasting outbound and return migration routes in a long-lived seabird. <i>Ibis</i> ,	1.9	2
7	Manx shearwater () rafting behaviour revealed by GPS tracking and behavioural observations. <i>PeerJ</i> , 2019 , 7, e7863	3.1	2

6	Shearwaters sometimes take long homing detours when denied natural outward journey information.. <i>Biology Letters</i> , 2022 , 18, 20210503	3.6	1
5	Unexpectedly deep diving in an albatross.. <i>Current Biology</i> , 2022 , 32, R26-R28	6.3	1
4	Foraging conditions for breeding penguins improve with distance from colony and progression of the breeding season at the South Orkney Islands. <i>Movement Ecology</i> , 2021 , 9, 22	4.6	1
3	Resource allocation underlies parental decision-making during incubation in the Manx Shearwater. <i>Auk</i> ,	2.1	1
2	Allopreening in the Black-browed Albatross (<i>Thalassarche melanophris</i>): an exploration of patterns and possible functions. <i>Ibis</i> , 2021 , 163, 1175-1188	1.9	0
1	Demographic profiles and environmental drivers of variation relate to individual breeding state in a long-lived trans-oceanic migratory seabird, the Manx shearwater.. <i>PLoS ONE</i> , 2021 , 16, e0260812	3.7	0