Tycho Anker-Nilssen

List of Publications by Year
in descending order

73	3,634	186265 28	138484 58
papers	citations	h-index	g-index

77	77	77	3638
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global Seabird Response to Forage Fish Depletionâ€"One-Third for the Birds. Science, 2011, 334, 1703-1706.	12.6	550
2	Diet studies of seabirds: a review and recommendations. ICES Journal of Marine Science, 2007, 64, 1675-1691.	2.5	376
3	Timing and abundance as key mechanisms affecting trophic interactions in variable environments. Ecology Letters, 2005, 8, 952-958.	6.4	225
4	Negligible Impact of Ingested Microplastics on Tissue Concentrations of Persistent Organic Pollutants in Northern Fulmars off Coastal Norway. Environmental Science & Technology, 2016, 50, 1924-1933.	10.0	215
5	Multicolony tracking reveals the winter distribution of a pelagic seabird on an ocean basin scale. Diversity and Distributions, 2012, 18, 530-542.	4.1	165
6	Trophic interactions under climate fluctuations: the Atlantic puffin as an example. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1461-1466.	2.6	126
7	Fluctuations in circumpolar seabird populations linked to climate oscillations. Global Change Biology, 2008, 14, 1455-1463.	9.5	95
8	Pretty patterns but a simple strategy: predator-prey interactions between juvenile herring and Atlantic puffins observed with multibeam sonar. Canadian Journal of Zoology, 2001, 79, 1586-1596.	1.0	92
9	The Food, Growth and Fledging Success of Norwegian Puffin Chicks Fratercula arctica in 1980-1983. Ornis Scandinavica, 1987, 18, 73.	1.0	87
10	Effect of wintering area and climate on the survival of adult Atlantic puffins Fratercula arctica in the eastern Atlantic. Marine Ecology - Progress Series, 2005, 297, 283-296.	1.9	82
11	Allocation of Growth in Food-Stressed Atlantic Puffin Chicks. Auk, 1996, 113, 830-841.	1.4	81
12	Climate variation and regional gradients in population dynamics of two hole-nesting passerines. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2397-2404.	2.6	75
13	Ocean-wide Drivers of Migration Strategies and Their Influence on Population Breeding Performance in a Declining Seabird. Current Biology, 2017, 27, 3871-3878.e3.	3.9	75
14	Global phenological insensitivity to shifting ocean temperatures among seabirds. Nature Climate Change, 2018, 8, 313-318.	18.8	68
15	Best practices for assessing forage fish fisheries-seabird resource competition. Fisheries Research, 2017, 194, 209-221.	1.7	66
16	Regime shifts in the breeding of an Atlantic puffin population. Ecology Letters, 2004, 7, 388-394.	6.4	62
17	Modeling survival at multiâ€population scales using markâ€"recapture data. Ecology, 2009, 90, 2922-2932.	3.2	61
18	Factors affecting the recruitment variability of the Norwegian spring-spawning herring (Clupea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.5	57

#	Article	IF	Citations
19	Seabird numbers and prey consumption in the North Atlantic. ICES Journal of Marine Science, 2006, 63, 1145-1158.	2.5	56
20	Multispecies tracking reveals a major seabird hotspot in the North Atlantic. Conservation Letters, 2021, 14, e12824.	5.7	54
21	Food consumption by seabirds in Norwegian waters. ICES Journal of Marine Science, 2002, 59, 43-57.	2.5	52
22	Measurements and weight changes of norwegian adult puffinsfratercula arcticaand kittiwakesrissa tri dactyl aduring the breeding season. Ringing and Migration, 1985, 6, 102-112.	0.4	51
23	Climate, copepods and seabirds in the boreal Northeast Atlantic â€“ current state and future outlook. Global Change Biology, 2013, 19, 364-372.	9.5	50
24	Hemispheric asymmetry in ocean change and the productivity of ecosystem sentinels. Science, 2021, 372, 980-983.	12.6	38
25	Diverging phenological responses of Arctic seabirds to an earlier spring. Global Change Biology, 2019, 25, 4081-4091.	9.5	35
26	Census and Monitoring of Puffins Fratercula arctica on Rost, N Norway, 1979-1988. Ornis Scandinavica, 1993, 24, 1.	1.0	34
27	Ocean climate prior to breeding affects the duration of the nestling period in the Atlantic puffin. Biology Letters, 2006, 2, 628-631.	2.3	34
28	Circumpolar dynamics of a marine topâ€predator track ocean warming rates. Global Change Biology, 2017, 23, 3770-3780.	9.5	33
29	Prey density in non-breeding areas affects adult survival of black-legged kittiwakes Rissa tridactyla. Marine Ecology - Progress Series, 2014, 509, 289-302.	1.9	32
30	Multi-colony tracking reveals spatio-temporal variation in carry-over effects between breeding success and winter movements in a pelagic seabird. Marine Ecology - Progress Series, 2017, 578, 167-181.	1.9	32
31	Local prey shortages drive foraging costs and breeding success in a declining seabird, the Atlantic puffin. Journal of Animal Ecology, 2021, 90, 1152-1164.	2.8	30
32	Ingested plastics in northern fulmars (Fulmarus glacialis): A pathway for polybrominated diphenyl ether (PBDE) exposure?. Science of the Total Environment, 2021, 778, 146313.	8.0	28
33	Spatial and temporal variations in seabird bycatch: Incidental bycatch in the Norwegian coastal gillnet-fishery. PLoS ONE, 2019, 14, e0212786.	2.5	26
34	Later at higher latitudes: largeâ€scale variability in seabird breeding timing and synchronicity. Ecosphere, 2016, 7, e01283.	2.2	24
35	North Atlantic winter cyclones starve seabirds. Current Biology, 2021, 31, 3964-3971.e3.	3.9	24
36	Assessing incidental bycatch of seabirds in Norwegian coastal commercial fisheries: Empirical and methodological lessons. Global Ecology and Conservation, 2015, 4, 127-136.	2.1	23

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37	Modelled drift patterns of fish larvae link coastal morphology to seabird colony distribution. Nature Communications, 2016, 7, 11599.	12.8	22
38	New tools to evaluate plastic ingestion by northern fulmars applied to North Sea monitoring data 2002â€“2018. Marine Pollution Bulletin, 2021, 166, 112246.	5.0	22
39	Whatâ€™s the catch with lumpsuckers? A North Atlantic study of seabird bycatch in lumpsucker gillnet fisheries. Biological Conservation, 2019, 240, 108278.	4.1	21
40	Exploring causal pathways in demographic parameter variation: path analysis of markâ€“recapture data. Methods in Ecology and Evolution, 2012, 3, 427-432.	5.2	19
41	The decline of Norwegian kittiwake populations: modelling the role of ocean warming. Climate Research, 2014, 60, 91-102.	1.1	19
42	There is more to climate than the North Atlantic Oscillation: a new perspective from climate dynamics to explain the variability in population growth rates of a long-lived seabird. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	18
43	Centennial relationships between ocean temperature and Atlantic puffin production reveal shifting decennial trends. Global Change Biology, 2021, 27, 3753-3764.	9.5	18
44	Six pelagic seabird species of the North Atlantic engage in a fly-and-forage strategy during their migratory movements. Marine Ecology - Progress Series, 2021, 676, 127-144.	1.9	17
45	Satellite telemetry reveals post-breeding movements of Atlantic puffins Fratercula arctica from RÃ¸st, North Norway. Polar Biology, 2009, 32, 1657-1664.	1.2	16
46	Meeting Paris agreement objectives will temper seabird winter distribution shifts in the North Atlantic Ocean. Global Change Biology, 2021, 27, 1457-1469.	9.5	16
47	Long-term decline in egg size of Atlantic puffins Fratercula arctica is related to changes in forage fish stocks and climate conditions. Marine Ecology - Progress Series, 2012, 457, 1-10.	1.9	15
48	Complex population structure of the Atlantic puffin revealed by whole genome analyses. Communications Biology, 2021, 4, 922.	4.4	14
49	Inter-population synchrony in adult survival and effects of climate and extreme weather in non-breeding areas of Atlantic puffins. Marine Ecology - Progress Series, 2021, 676, 219-231.	1.9	13
50	Marine Birds and Climate Fluctuation in the North Atlantic. , 2005, , 95-106.		13
51	Changes in the Norwegian breeding population of European shag correlate with forage fish and climate. Marine Ecology - Progress Series, 2013, 489, 235-244.	1.9	13
52	Sympatric population divergence within a highly pelagic seabird species complex (Hydrobates) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	12
53	Year-round distribution of Northeast Atlantic seabird populations: applications for population management and marine spatial planning. Marine Ecology - Progress Series, 0, , .	1.9	12
54	Forage fish abundance is a predictor of timing of breeding and hatching brood size in a coastal seabird. Marine Ecology - Progress Series, 2015, 519, 209-220.	1.9	11

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55	Seabirds as guides for fisheries management: European shag Phalacrocorax aristotelis diet as indicator of saithe Pollachius virens recruitment. Marine Ecology - Progress Series, 2018, 586, 193-201.	1.9	11
56	Seabirdâ€induced natural mortality of forage fish varies with fish abundance: Evidence from five ecosystems. Fish and Fisheries, 2021, 22, 262-279.	5.3	10
57	Aims and effort in seabird monitoring: an assessment based on Norwegian data. Wildlife Biology, 1996, 2, 17-26.	1.4	10
58	Distribution of Puffins Fratercula arctica feeding off Rï¿½st, northern Norway, during the breeding season, in relation to chick growth, prey and oceanographical parameters. Polar Research, 1990, 8, 67-76.	1.6	9
59	Distribution of puffins Fratercula arctica feeding off RÃ¸st, northern Norway, during the breeding season, in relation to chick growth, prey and oceanographical parameters. Polar Research, 1990, 8, 67-76.	1.6	9
60	No evidence of extraâ€pair paternity in the Atlantic Puffin Fratercula arctica. Ibis, 2008, 150, 619-622.	1.9	9
61	Diet of Common Murres Wintering in the Northern Skagerrak during 1988-1990: Variation with Sex, Age and Season. Waterbirds, 1999, 22, 80.	0.3	8
62	Local and large-scale climatic variables as predictors of the breeding numbers of endangered Lesser Black-backed Gulls on the Norwegian Coast. Journal of Ornithology, 2010, 151, 19.	1.1	8
63	Behaviour and oil vulnerability of fulmars Fulmarus glacialis during an oil spill experiment in the Norwegian sea. Marine Pollution Bulletin, 1993, 26, 144-146.	5.0	7
64	Low or no occurrence of extra-pair paternity in the Black Guillemot Cepphus grylle. Journal of Ornithology, 2010, 151, 247.	1.1	7
65	Fit is fat: winter body mass of Atlantic Puffins Fratercula arctica. Bird Study, 2018, 65, 451-457.	1.0	7
66	Incidental bycatch of northern fulmars in the small-vessel demersal longline fishery for Greenland halibut in coastal Norway 2012â€“2014. ICES Journal of Marine Science, 2017, 74, 332-342.	2.5	6
67	Twilight foraging enables European shags to survive the winter across their latitudinal range. Marine Ecology - Progress Series, 2021, 676, 145-157.	1.9	6
68	Biometrics as a determinant of the origins of seabirds killed in oil spills and other incidents. Bird Conservation International, 2008, 18, 229-241.	1.3	5
69	Fish consumption by great cormorants in Norwegian coastal watersâ€”a human-wildlife conflict for wrasses, but not gadids. ICES Journal of Marine Science, 2021, 78, 1074-1089.	2.5	5
70	Predicting Foraging Habitat of European Shags - A Multi-Year and Multi-Colony Tracking Approach to Identify Important Areas for Marine Conservation. Frontiers in Marine Science, 2022, 9, .	2.5	5
71	Variation and correlation in the timing of breeding of North Atlantic seabirds across multiple scales. Journal of Animal Ecology, 2022, 91, 1797-1812.	2.8	2
72	Population Status, Breeding Biology and Diet of Norwegian Great Cormorants. Ardea, 2022, 109, .	0.6	1

#	Article	IF	Citations
73	Correction for Durant et al. , Trophic interactions under climate fluctuations: the Atlantic puffin as an example. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2637-2637.	2.6	0