

BÄ_rge Moe

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,184
citations

126708

33
h-index

182168

51
g-index

83
all docs

83
docs citations

83
times ranked

3009
citing authors

#	ARTICLE	IF	CITATIONS
1	A U-Turn for Mercury Concentrations over 20 Years: How Do Environmental Conditions Affect Exposure in Arctic Seabirds?. <i>Environmental Science & Technology</i> , 2022, 56, 2443-2454.	4.6	16
2	A Bad Start in Life? Maternal Transfer of Legacy and Emerging Poly- and Perfluoroalkyl Substances to Eggs in an Arctic Seabird. <i>Environmental Science & Technology</i> , 2022, 56, 6091-6102.	4.6	33
3	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. <i>Science of the Total Environment</i> , 2022, 844, 156944.	3.9	23
4	Meeting Paris agreement objectives will temper seabird winter distribution shifts in the North Atlantic Ocean. <i>Global Change Biology</i> , 2021, 27, 1457-1469.	4.2	16
5	Multispecies tracking reveals a major seabird hotspot in the North Atlantic. <i>Conservation Letters</i> , 2021, 14, e12824.	2.8	54
6	Environmental and life-history factors influence inter-colony multidimensional niche metrics of a breeding Arctic marine bird. <i>Science of the Total Environment</i> , 2021, 796, 148935.	3.9	4
7	Seabird Migration Strategies: Flight Budgets, Diel Activity Patterns, and Lunar Influence. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
8	Exposure to PFAS is Associated with Telomere Length Dynamics and Demographic Responses of an Arctic Top Predator. <i>Environmental Science & Technology</i> , 2020, 54, 10217-10226.	4.6	30
9	Contaminants, prolactin and parental care in an Arctic seabird: Contrasted associations of perfluoroalkyl substances and organochlorine compounds with egg-turning behavior. <i>General and Comparative Endocrinology</i> , 2020, 291, 113420.	0.8	14
10	Identifying individual polar bears at safe distances: A test with captive animals. <i>PLoS ONE</i> , 2020, 15, e0228991.	1.1	1
11	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, .	1.1	27
12	Higher plasma oxidative damage and lower plasma antioxidant defences in an Arctic seabird exposed to longer perfluoroalkyl acids. <i>Environmental Research</i> , 2019, 168, 278-285.	3.7	52
13	Winter extratropical cyclone influence on seabird survival: variation between and within common eider <i>Somateria mollissima</i> populations. <i>Marine Ecology - Progress Series</i> , 2019, 627, 155-170.	0.9	12
14	Black-legged kittiwakes as messengers of Atlantification in the Arctic. <i>Scientific Reports</i> , 2018, 8, 1178.	1.6	93
15	Global phenological insensitivity to shifting ocean temperatures among seabirds. <i>Nature Climate Change</i> , 2018, 8, 313-318.	8.1	68
16	DNA damage in Arctic seabirds: Baseline, sensitivity to a genotoxic stressor, and association with organohalogen contaminants. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1084-1091.	2.2	13
17	Organochlorines, perfluoroalkyl substances, mercury, and egg incubation temperature in an Arctic seabird: Insights from data loggers. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2881-2894.	2.2	11
18	Perfluorinated substances and telomeres in an Arctic seabird: Cross-sectional and longitudinal approaches. <i>Environmental Pollution</i> , 2017, 230, 360-367.	3.7	56

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19	Blood and feather concentrations of toxic elements in a Baltic and an Arctic seabird population. <i>Marine Pollution Bulletin</i> , 2017, 114, 1152-1158.	2.3	23
20	Temporal variation in circulating concentrations of organochlorine pollutants in a pelagic seabird breeding in the high Arctic. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 442-448.	2.2	16
21	Flexibility in otherwise consistent non-breeding movements of a long-distance migratory seabird, the long-tailed skua. <i>Marine Ecology - Progress Series</i> , 2017, 578, 197-211.	0.9	35
22	Multi-colony tracking reveals spatio-temporal variation in carry-over effects between breeding success and winter movements in a pelagic seabird. <i>Marine Ecology - Progress Series</i> , 2017, 578, 167-181.	0.9	32
23	Persistent organic pollutant levels and the importance of source proximity in Baltic and Svalbard breeding common eiders. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1526-1533.	2.2	13
24	Is basal metabolic rate associated with recruit production and survival in free-living house sparrows?. <i>Functional Ecology</i> , 2016, 30, 1140-1148.	1.7	26
25	Later at higher latitudes: large-scale variability in seabird breeding timing and synchronicity. <i>Ecosphere</i> , 2016, 7, e01283.	1.0	24
26	Antioxidant Responses in Relation to Persistent Organic Pollutants and Metals in a Low- and a High-Exposure Population of Seabirds. <i>Environmental Science & Technology</i> , 2016, 50, 4817-4825.	4.6	14
27	DNA double-strand breaks in incubating female common eiders (<i>Somateria mollissima</i>): Comparison between a low and a high polluted area. <i>Environmental Research</i> , 2016, 151, 297-303.	3.7	12
28	A probabilistic algorithm to process geolocation data. <i>Movement Ecology</i> , 2016, 4, 26.	1.3	45
29	Exposure to oxychlordane is associated with shorter telomeres in arctic breeding kittiwakes. <i>Science of the Total Environment</i> , 2016, 563-564, 125-130.	3.9	47
30	Migration strategies of common eiders from Svalbard: implications for bilateral conservation management. <i>Polar Biology</i> , 2016, 39, 2179-2188.	0.5	26
31	Mercury exposure, stress and prolactin secretion in an Arctic seabird: an experimental study. <i>Functional Ecology</i> , 2016, 30, 596-604.	1.7	49
32	Climate change and the increasing impact of polar bears on bird populations. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	126
33	Survival rate and breeding outputs in a high Arctic seabird exposed to legacy persistent organic pollutants and mercury. <i>Environmental Pollution</i> , 2015, 200, 1-9.	3.7	75
34	Differences in speciation progress in feather mites (<i>Analgoidea</i>) inhabiting the same host: the case of <i>Zachvatkinia</i> and <i>Alloptes</i> living on arctic and long-tailed skuas. <i>Experimental and Applied Acarology</i> , 2015, 65, 163-179.	0.7	27
35	Geolocators reveal an unsuspected moulting area for Isle of May Common Guillemots (<i>Uria aalge</i>). <i>Bird Study</i> , 2015, 62, 267-270.	0.4	16
36	Polychlorinated biphenyl exposure and corticosterone levels in seven polar seabird species. <i>Environmental Pollution</i> , 2015, 197, 173-180.	3.7	23

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37	Increased adrenal responsiveness and delayed hatching date in relation to polychlorinated biphenyl exposure in Arctic-breeding black-legged kittiwakes (<i>Rissa tridactyla</i>). <i>General and Comparative Endocrinology</i> , 2015, 219, 165-172.	0.8	24
38	Female sociality and kin discrimination in brood parasitism: unrelated females fight over egg laying. <i>Behavioral Ecology</i> , 2015, 26, 755-762.	1.0	17
39	Is the Rate of Metabolic Ageing and Survival Determined by Basal Metabolic Rate in the Zebra Finch?. <i>PLoS ONE</i> , 2014, 9, e108675.	1.1	10
40	The stress of being contaminated? Adrenocortical function and reproduction in relation to persistent organic pollutants in female black legged kittiwakes. <i>Science of the Total Environment</i> , 2014, 476-477, 553-560.	3.9	36
41	Testosterone increases siblicidal aggression in black-legged kittiwake chicks (<i>Rissa tridactyla</i>). <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 223-232.	0.6	9
42	Migration and stress during reproduction govern telomere dynamics in a seabird. <i>Biology Letters</i> , 2014, 10, 20130889.	1.0	35
43	Integument colouration in relation to persistent organic pollutants and body condition in arctic breeding black-legged kittiwakes (<i>Rissa tridactyla</i>). <i>Science of the Total Environment</i> , 2014, 470-471, 248-254.	3.9	18
44	DNA double-strand breaks in relation to persistent organic pollutants in a fasting seabird. <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 68-75.	2.9	17
45	Corticosterone mediates carry-over effects between breeding and migration in the kittiwake <i>Rissa tridactyla</i> . <i>Marine Ecology - Progress Series</i> , 2014, 496, 125-133.	0.9	28
46	Annual variation in the timing of breeding, pre-breeding foraging areas and corticosterone levels in an Arctic population of black-legged kittiwakes. <i>Marine Ecology - Progress Series</i> , 2014, 496, 233-247.	0.9	21
47	Prey density in non-breeding areas affects adult survival of black-legged kittiwakes <i>Rissa tridactyla</i> . <i>Marine Ecology - Progress Series</i> , 2014, 509, 289-302.	0.9	32
48	Multicolony tracking reveals potential threats to little auks wintering in the North Atlantic from marine pollution and shrinking sea ice cover. <i>Diversity and Distributions</i> , 2013, 19, 1322-1332.	1.9	61
49	Rapid long-distance migration in Norwegian lesser black-backed gulls (<i>Larus fuscus fuscus</i>) along their eastern flyway. <i>Ibis</i> , 2013, 155, 402-406.	1.0	21
50	To breed or not to breed: endocrine response to mercury contamination by an Arctic seabird. <i>Biology Letters</i> , 2013, 9, 20130317.	1.0	146
51	A natural antipredation experiment: predator control and reduced sea ice increases colony size in a long-lived duck. <i>Ecology and Evolution</i> , 2013, 3, 3554-3564.	0.8	26
52	Trans-Equatorial Migration Routes, Staging Sites and Wintering Areas of a High-Arctic Avian Predator: The Long-tailed Skua (<i>Stercorarius longicaudus</i>). <i>PLoS ONE</i> , 2013, 8, e64614.	1.1	51
53	Temporal Dynamics of Circulating Persistent Organic Pollutants in a Fasting Seabird under Different Environmental Conditions. <i>Environmental Science & Technology</i> , 2012, 46, 10287-10294.	4.6	36
54	Multicolony tracking reveals the winter distribution of a pelagic seabird on an ocean basin scale. <i>Diversity and Distributions</i> , 2012, 18, 530-542.	1.9	165

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55	Relationships between POPs and baseline corticosterone levels in black-legged kittiwakes (<i>Rissa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.7	33
56	Experimentally reduced corticosterone release promotes early breeding in black-legged kittiwakes. <i>Journal of Experimental Biology</i> , 2011, 214, 2005-2013.	0.8	33
57	Long-term survival effect of corticosterone manipulation in Black-legged kittiwakes. <i>General and Comparative Endocrinology</i> , 2010, 167, 246-251.	0.8	72
58	Stress and the timing of breeding: Glucocorticoid-luteinizing hormones relationships in an arctic seabird. <i>General and Comparative Endocrinology</i> , 2010, 169, 108-116.	0.8	52
59	Evidence for an intrinsic energetic ceiling in free-ranging kittiwakes <i>Rissa tridactyla</i> . <i>Journal of Animal Ecology</i> , 2010, 79, 205-213.	1.3	38
60	Strongly increasing blood concentrations of lipid-soluble organochlorines in high arctic common eiders during incubation fast. <i>Chemosphere</i> , 2010, 79, 320-325.	4.2	59
61	What Factors Drive Prolactin and Corticosterone Responses to Stress in a Long-Lived Bird Species (<i>Snow Petrel Pagodroma nivea</i>)?. <i>Physiological and Biochemical Zoology</i> , 2009, 82, 590-602.	0.6	37
62	The invertebrate fauna of High Arctic seabird nests: the microarthropod community inhabiting nests on Spitsbergen, Svalbard. <i>Polar Biology</i> , 2009, 32, 1041-1046.	0.5	23
63	Metabolic ageing in individual zebra finches. <i>Biology Letters</i> , 2009, 5, 86-89.	1.0	63
64	Food restriction in young Japanese quails: effects on growth, metabolism, plasma thyroid hormones and mRNA species in the thyroid hormone signalling pathway. <i>Journal of Experimental Biology</i> , 2009, 212, 3060-3067.	0.8	23
65	Climate change and phenological responses of two seabird species breeding in the high-Arctic. <i>Marine Ecology - Progress Series</i> , 2009, 393, 235-246.	0.9	103
66	Metabolic adjustments in breeding female kittiwakes (<i>Rissa tridactyla</i>) include changes in kidney metabolic intensity. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 779-784.	0.7	23
67	The white colour of the Ostrich (<i>Struthio camelus</i>) egg is a trade-off between predation and overheating. <i>Journal of Ornithology</i> , 2008, 149, 323-328.	0.5	28
68	CORTICOSTERONE LEVELS IN RELATION TO CHANGE OF MATE IN BLACK-LEGGED KITTIWAKES. <i>Condor</i> , 2007, 109, 668.	0.7	21
69	Is basal metabolic rate influenced by age in a long-lived seabird, the snow petrel?. <i>Journal of Experimental Biology</i> , 2007, 210, 3407-3414.	0.8	32
70	Corticosterone Levels in Relation to Change of Mate in Black-Legged Kittiwakes. <i>Condor</i> , 2007, 109, 668-674.	0.7	24
71	Basal metabolic rate: heritability and genetic correlations with morphological traits in the zebra finch. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1815-1822.	0.8	99
72	Age-specific reproductive success in a long-lived bird: do older parents resist stress better?. <i>Journal of Animal Ecology</i> , 2007, 76, 1181-1191.	1.3	99

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73	22.P1. Exercise-induced VO ₂ max does not correlate with BMR in zebra finches (<i>Taeniopygia guttata</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 148, S101.	0.8	0
74	SPATIAL TRENDS AND ASSOCIATED BIOLOGICAL RESPONSES OF ORGANOCHLORINES AND BROMINATED FLAME RETARDANTS IN HATCHLINGS OF NORTH ATLANTIC KITTIWAKES (<i>RISSA TRIDACTYLA</i>). <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1648.	2.2	39
75	Does food shortage delay development of homeothermy in European shag nestlings (<i>Phalacrocorax</i>)? <i>Journal of Experimental Biology</i> , 2005, 175, 21-30.	0.7	5
76	Long-term repeatability makes basal metabolic rate a likely heritable trait in the zebra finch <i>Taeniopygia guttata</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 4663-4669.	0.8	87
77	Ducklings Exhibit Substantial Energy-Saving Mechanisms as a Response to Short-Term Food Shortage. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 90-104.	0.6	26
78	Developmental plasticity of physiology and morphology in diet-restricted European shag nestlings (<i>Phalacrocorax aristotelis</i>). <i>Journal of Experimental Biology</i> , 2004, 207, 4067-4076.	0.8	61
79	Individual variation in the basal metabolism of Zebra finches <i>Taeniopygia guttata</i> : no effect of food quality during early development. <i>International Congress Series</i> , 2004, 1275, 306-312.	0.2	13
80	The energy economy of the arctic-breeding Kittiwake (<i>Rissa tridactyla</i>): a review. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2002, 133, 765-770.	0.8	42
81	Changes in body condition in breeding kittiwakes <i>Rissa tridactyla</i> . <i>Journal of Avian Biology</i> , 2002, 33, 225-234.	0.6	73
82	Individual Variation in Field Metabolic Rate of Kittiwakes (<i>Rissa tridactyla</i>) during the Chick-Rearing Period. <i>Physiological and Biochemical Zoology</i> , 2001, 74, 343-355.	0.6	61