

# Markus Å-st

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,492  
citations

257450

24  
h-index

377865

34  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Winter climate affects subsequent breeding success of common eiders. <i>Global Change Biology</i> , 2006, 12, 1355-1365.	9.5	89
2	Stress responsiveness, age and body condition interactively affect flight initiation distance in breeding female eiders. <i>Animal Behaviour</i> , 2012, 84, 889-896.	1.9	75
3	Philopatric predisposition to predation-induced ecological traps: habitat-dependent mortality of breeding eiders. <i>Oecologia</i> , 2012, 170, 979-986.	2.0	63
4	Causes and consequences of fine-scale breeding dispersal in a female-philopatric species. <i>Oecologia</i> , 2011, 166, 327-336.	2.0	52
5	Age-specific nest-site preference and success in eiders. <i>Oecologia</i> , 2010, 162, 59-69.	2.0	48
6	Brood Parasitism in a Population of Common Eider ( <i>Somateria Mollissima</i> ). <i>Behaviour</i> , 2004, 141, 725-739.	0.8	47
7	Large-scale change in the sex ratio of a declining eider <i>Somateria mollissima</i> population. <i>Wildlife Biology</i> , 2008, 14, 288-301.	1.4	47
8	Social and maternal factors affecting duckling survival in eiders <i>Somateria mollissima</i> . <i>Journal of Animal Ecology</i> , 2008, 77, 315-325.	2.8	46
9	Habitat-specific clutch size and cost of incubation in eiders reconsidered. <i>Oecologia</i> , 2008, 158, 205-216.	2.0	44
10	Female characteristics and parental care mode in the cr�ching system of eiders, <i>Somateria mollissima</i> . <i>Animal Behaviour</i> , 2001, 62, 527-534.	1.9	43
11	Context dependency of baseline glucocorticoids as indicators of individual quality in a capital breeder. <i>General and Comparative Endocrinology</i> , 2013, 191, 231-238.	1.8	39
12	Condition and coalition formation by brood-rearing common eider females. <i>Behavioral Ecology</i> , 2003, 14, 311-317.	2.2	37
13	Relatedness and spatial proximity as determinants of host�parasite interactions in the brood parasitic Barrow's goldeneye ( <i>Bucephala islandica</i> ). <i>Molecular Ecology</i> , 2009, 18, 2713-2721.	3.9	37
14	Spatial relatedness and brood parasitism in a female-philopatric bird population. <i>Behavioral Ecology</i> , 2008, 19, 67-73.	2.2	35
15	Adult predation risk drives shifts in parental care strategies: a long-term study. <i>Journal of Animal Ecology</i> , 2011, 80, 49-56.	2.8	34
16	Eider females form non-kin brood-rearing coalitions. <i>Molecular Ecology</i> , 2005, 14, 3903-3908.	3.9	30
17	State-dependent capital and income breeding: a novel approach to evaluating individual strategies with stable isotopes. <i>Frontiers in Zoology</i> , 2016, 13, 24.	2.0	29
18	To breed or not to breed: drivers of intermittent breeding in a seabird under increasing predation risk and male bias. <i>Oecologia</i> , 2018, 188, 129-138.	2.0	28

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19	Do female ornaments indicate quality in eider ducks?. <i>Biology Letters</i> , 2010, 6, 225-228.	2.3	27
20	Experience attracts: the role of age in the formation of cooperative brood-rearing coalitions in eiders. <i>Animal Behaviour</i> , 2011, 81, 1289-1294.	1.9	27
21	Shared care provides time-budgeting advantages for female eiders. <i>Animal Behaviour</i> , 2002, 64, 223-231.	1.9	26
22	Spatial structure and parental aggression in eider broods. <i>Animal Behaviour</i> , 2003, 66, 1069-1075.	1.9	26
23	Aggressive females seize central positions and show increased vigilance in brood-rearing coalitions of eiders. <i>Animal Behaviour</i> , 2007, 73, 239-247.	1.9	25
24	Differential contributions of endogenous and exogenous nutrients to egg components in wild Baltic Common Eiders ( <i>Somateria mollissima</i> ): A test of alternative stable isotope approaches. <i>Auk</i> , 2015, 132, 624-633.	1.4	25
25	Body condition and the grouping behavior of brood-caring female common eiders ( <i>Somateria</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.48 24	1.4	24
26	Context-dependent stress responses and their connections to fitness in a landscape of fear. <i>Journal of Zoology</i> , 2014, 294, 147-153.	1.7	24
27	Blue mussels <i>Mytilus edulis</i> in the Baltic: good news for foraging eiders <i>Somateria mollissima</i> . <i>Wildlife Biology</i> , 1998, 4, 81-89.	1.4	24
28	Boldness and Stress Responsiveness as Drivers of Nest-Site Selection in a Ground-Nesting Bird. <i>Ethology</i> , 2014, 120, 77-89.	1.1	23
29	Blood and feather concentrations of toxic elements in a Baltic and an Arctic seabird population. <i>Marine Pollution Bulletin</i> , 2017, 114, 1152-1158.	5.0	23
30	Synchronized vigilance while feeding in common eider brood-rearing coalitions. <i>Behavioral Ecology</i> , 2011, 22, 378-384.	2.2	22
31	Small-scale spatial and temporal variation in the demographic processes underlying the large-scale decline of eiders in the Baltic Sea. <i>Population Ecology</i> , 2016, 58, 121-133.	1.2	22
32	Current and Potential Threats to Nordic Duck Populations – A Horizon Scanning Exercise. <i>Annales Zoologici Fennici</i> , 2015, 52, 193-220.	0.6	20
33	Smart and safe? Antipredator behavior and breeding success are related to head size in a wild bird. <i>Behavioral Ecology</i> , 2015, 26, 1371-1378.	2.2	20
34	Within-Season and Between-Year Variation in the Structure of Common Eider Broods. <i>Condor</i> , 1999, 101, 598-606.	1.6	19
35	Clutch Desertion in Barrow's Goldeneyes ( <i>Bucephala islandica</i> ) – Effects of Non-Natal Eggs, the Environment and Host Female Characteristics. <i>Annales Zoologici Fennici</i> , 2009, 46, 350-360.	0.6	19
36	Personality, body condition and breeding experience drive sociality in a facultatively social bird. <i>Animal Behaviour</i> , 2015, 100, 166-173.	1.9	19

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37	Increased male bias in eider ducks can be explained by sex-specific survival of prime-age breeders. <i>PLoS ONE</i> , 2018, 13, e0195415.	2.5	19
38	Parental Effort and Reproductive Skew in Coalitions of Brood Rearing Female Common Eiders. <i>American Naturalist</i> , 2007, 169, 73-86.	2.1	17
39	DOES SEX-SPECIFIC DUCKLING MORTALITY CONTRIBUTE TO MALE BIAS IN ADULT COMMON EIDERS?. <i>Condor</i> , 2008, 110, 574-578.	1.6	17
40	Reproductive investment is connected to innate immunity in a long-lived animal. <i>Oecologia</i> , 2016, 182, 347-356.	2.0	16
41	Kin association during brood care in a facultatively social bird: active discrimination or by-product of partner choice and demography?. <i>Molecular Ecology</i> , 2012, 21, 3341-3351.	3.9	15
42	Annual variation in predation risk is related to the direction of selection for brain size in the wild. <i>Scientific Reports</i> , 2019, 9, 11847.	3.3	15
43	Allocation of body reserves during winter in eider <i>Somateria mollissima</i> as preparation for spring migration and reproduction. <i>Journal of Sea Research</i> , 2019, 144, 49-56.	1.6	15
44	Antioxidant Responses in Relation to Persistent Organic Pollutants and Metals in a Low- and a High-Exposure Population of Seabirds. <i>Environmental Science &amp; Technology</i> , 2016, 50, 4817-4825.	10.0	14
45	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.	4.3	13
46	Brain size-related breeding strategies in a seabird. <i>Oecologia</i> , 2016, 180, 67-76.	2.0	13
47	Differential responses to related hosts by nesting and non-nesting parasites in a brood-parasitic duck. <i>Molecular Ecology</i> , 2011, 20, 5328-5336.	3.9	12
48	Brood Size Matching: A Novel Perspective on Predator Dilution. <i>American Naturalist</i> , 2013, 181, 171-181.	2.1	12
49	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.	7.5	12
50	Body condition of Eiders at Danish wintering grounds and at pre-breeding grounds in Åland. <i>Journal of Ornithology</i> , 2019, 160, 239-248.	1.1	11
51	Balancing algal toxicity and turbidity with predation risk in the three-spined stickleback. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 377, 54-59.	1.5	10
52	Drivers of Spatiotemporal Variation in Survival in a Flyway Population: A Multi-Colony Study. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	7
53	Mitigating impacts of invasive alien predators on an endangered sea duck amidst high native predation pressure. <i>Oecologia</i> , 2022, 198, 543-552.	2.0	7
54	Nest cover and faecal glucocorticoid metabolites are linked to hatching success and telomere length in breeding Common Eiders ( <i>Somateria mollissima</i> ). <i>Canadian Journal of Zoology</i> , 2017, 95, 695-703.	1.0	6

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55	Sex-specific effects of the in ovo environment on early-life phenotypes in eiders. <i>Oecologia</i> , 2020, 192, 43-54.	2.0	6
56	Top-down effects override climate forcing on reproductive success in a declining sea duck. <i>Oikos</i> , 2022, 2022, .	2.7	6
57	Parental Investment Under Predation Threat in Incubating Common Eiders ( <i>Somateria mollissima</i> ): A Hormonal Perspective. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	5
58	Relative Importance of Social Status and Physiological Need in Determining Leadership in a Social Forager. <i>PLoS ONE</i> , 2013, 8, e64778.	2.5	3
59	Glucocorticoids, state-dependent reproductive investment and success in the face of danger in a long-lived bird. <i>Journal of Ornithology</i> , 2021, 162, 497-509.	1.1	2
60	Facultative Sex Allocation and Sex-specific Offspring Survival in <i>B</i> 's Goldeneyes. <i>Ethology</i> , 2013, 119, 146-155.	1.1	1