

Audun Stien

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,408
citations

172386

29
h-index

214721

47
g-index

63
all docs

63
docs citations

63
times ranked

2942
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear spatial and temporal decomposition provides insight for climate change effects on sub-Arctic herbivore populations. <i>Oecologia</i> , 2022, , 1.	0.9	0
2	The neglected season: Warmer autumns counteract harsher winters and promote population growth in Arctic reindeer. <i>Global Change Biology</i> , 2021, 27, 993-1002.	4.2	33
3	Don't go chasing the ghosts of the past: habitat selection and site fidelity during calving in an Arctic ungulate. <i>Wildlife Biology</i> , 2021, 2021, .	0.6	3
4	Effect of scavenging on predation in a food web. <i>Ecology and Evolution</i> , 2021, 11, 6742-6765.	0.8	5
5	Fat storage influences fasting endurance more than body size in an ungulate. <i>Functional Ecology</i> , 2021, 35, 1470-1480.	1.7	4
6	Determinants of heart rate in Svalbard reindeer reveal mechanisms of seasonal energy management. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200215.	1.8	15
7	Climate variability and density-dependent population dynamics: Lessons from a simple High Arctic ecosystem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
8	Context dependent fitness costs of reproduction despite stable body mass costs in an Arctic herbivore. <i>Journal of Animal Ecology</i> , 2021, , .	1.3	4
9	Unfounded claims about productivity beyond density for reindeer pastoralism systems. <i>Pastoralism</i> , 2021, 11, .	0.3	3
10	End-user involvement to improve predictions and management of populations with complex dynamics and multiple drivers. <i>Ecological Applications</i> , 2020, 30, e02120.	1.8	16
11	When does weather synchronize life-history traits? Spatiotemporal patterns in juvenile body mass of two ungulates. <i>Journal of Animal Ecology</i> , 2020, 89, 1419-1432.	1.3	8
12	Effects of human-induced disturbances and weather on herbivore movement. <i>Journal of Mammalogy</i> , 2019, 100, 1490-1500.	0.6	7
13	A century of conservation: The ongoing recovery of Svalbard reindeer. <i>Journal of Wildlife Management</i> , 2019, 83, 1676-1686.	0.7	41
14	Silver spoon effects are constrained under extreme adult environmental conditions. <i>Ecology</i> , 2019, 100, e02886.	1.5	26
15	Keeping cool in the warming Arctic: thermoregulatory behaviour by Svalbard reindeer (<i>Rangifer</i>)	0.4	5
16	Assessing the effect of predator control on an endangered goose population subjected to predator-mediated food web dynamics. <i>Journal of Applied Ecology</i> , 2019, 56, 1245-1255.	1.9	17
17	More frequent extreme climate events stabilize reindeer population dynamics. <i>Nature Communications</i> , 2019, 10, 1616.	5.8	65
18	Antler growth as a cost of reproduction in female reindeer. <i>Oecologia</i> , 2019, 189, 601-609.	0.9	6

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19	Manipulating parasites in an Arctic herbivore: gastrointestinal nematodes and the population regulation of Svalbard reindeer. , 2019, , 397-426.		1
20	Spatiotemporal patterns of rain-on-snow and basal ice in high Arctic Svalbard: detection of a climate-cryosphere regime shift. Environmental Research Letters, 2019, 14, 015002.	2.2	64
21	High goose abundance reduces nest predation risk in a simple rodent-free high-Arctic ecosystem. Polar Biology, 2018, 41, 619-627.	0.5	3
22	Little impact of overwinter parasitism on a free-ranging ungulate in the high Arctic. Functional Ecology, 2018, 32, 1046-1056.	1.7	5
23	Retrospective growth analysis of the dwarf shrub <i>Cassiope tetragona</i> allows local estimation of vascular plant productivity in high arctic Svalbard. Journal of Vegetation Science, 2018, 29, 943-951.	1.1	5
24	Biased estimation of trends in cohort effects: the problems with age-period-cohort models in ecology. Ecology, 2018, 99, 2675-2680.	1.5	1
25	Climate and density dependence cause changes in adult sex ratio in a large Arctic herbivore. Ecosphere, 2017, 8, e01699.	1.0	11
26	<i>Rangifer</i> management controls a climate-sensitive tundra state transition. Ecological Applications, 2017, 27, 2416-2427.	1.8	42
27	Maternal winter body mass and not spring phenology determine annual calf production in an Arctic herbivore. Oikos, 2017, 126, 980-987.	1.2	30
28	Contrasting effects of summer and winter warming on body mass explain population dynamics in a food-limited Arctic herbivore. Global Change Biology, 2017, 23, 1374-1389.	4.2	111
29	The cost of migratory prey: seasonal changes in semi-domestic reindeer distribution influences breeding success of Eurasian lynx in northern Norway. Oikos, 2017, 126, 642-650.	1.2	12
30	Blood may buy goodwill: no evidence for a positive relationship between legal culling and poaching in Wisconsin. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170267.	1.2	5
31	Mortality and lamb body mass growth in free-ranging domestic sheep – environmental impacts including lethal and non-lethal impacts of predators. Ecography, 2016, 39, 763-773.	2.1	7
32	The influence of weather conditions during gestation on life histories in a wild Arctic ungulate. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161760.	1.2	28
33	Behavioral buffering of extreme weather events in a high-Arctic herbivore. Ecosphere, 2016, 7, e01374.	1.0	46
34	Demographic buffering of life histories? Implications of the choice of measurement scale. Ecology, 2016, 97, 40-47.	1.5	27
35	An integrated population model for a long-lived ungulate: more efficient data use with Bayesian methods. Oikos, 2015, 124, 806-816.	1.2	43
36	Sheep farming and large carnivores: What are the factors influencing claimed losses?. Ecosphere, 2015, 6, 1-17.	1.0	27

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37	Large scale modelling of salmon lice (<i>Lepeophtheirus salmonis</i>) infection pressure based on lice monitoring data from Norwegian salmonid farms. <i>Epidemics</i> , 2014, 9, 31-39.	1.5	63
38	Environmental variation as a driver of predator-prey interactions. <i>Ecosphere</i> , 2014, 5, 1-13.	1.0	12
39	High-Arctic plants like it hot: a long-term investigation of between-year variability in plant biomass. <i>Ecology</i> , 2014, 95, 3414-3427.	1.5	74
40	The role of predation and food limitation on claims for compensation, reindeer demography and population dynamics. <i>Journal of Applied Ecology</i> , 2014, 51, 1264-1272.	1.9	43
41	Community-wide mesocarnivore response to partial ungulate migration. <i>Journal of Applied Ecology</i> , 2014, 51, 1525-1533.	1.9	29
42	Climate Events Synchronize the Dynamics of a Resident Vertebrate Community in the High Arctic. <i>Science</i> , 2013, 339, 313-315.	6.0	199
43	Spatial patterns of goose grubbing suggest elevated grubbing in dry habitats linked to early snowmelt. <i>Polar Research</i> , 2013, 32, 197-199.	1.6	13
44	Population Densities, Vegetation Green-Up, and Plant Productivity: Impacts on Reproductive Success and Juvenile Body Mass in Reindeer. <i>PLoS ONE</i> , 2013, 8, e56450.	1.1	91
45	Congruent responses to weather variability in high arctic herbivores. <i>Biology Letters</i> , 2012, 8, 1002-1005.	1.0	85
46	Sea lice as a density-dependent constraint to salmonid farming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2330-2338.	1.2	152
47	Disease transmission in an extreme environment: Nematode parasites infect reindeer during the Arctic winter. <i>International Journal for Parasitology</i> , 2012, 42, 789-795.	1.3	20
48	Reproductive responses to spatial and temporal prey availability in a coastal Arctic fox population. <i>Journal of Animal Ecology</i> , 2012, 81, 640-648.	1.3	43
49	Plastic reproductive allocation as a buffer against environmental stochasticity - linking life history and population dynamics to climate. <i>Oikos</i> , 2011, 120, 245-257.	1.2	46
50	Intestinal parasites of the Arctic fox in relation to the abundance and distribution of intermediate hosts. <i>Parasitology</i> , 2010, 137, 149-157.	0.7	46
51	Icing events trigger range displacement in a high-Arctic ungulate. <i>Ecology</i> , 2010, 91, 915-920.	1.5	64
52	Effects of Hydrographic Variability on the Spatial, Seasonal and Diel Diving Patterns of Southern Elephant Seals in the Eastern Weddell Sea. <i>PLoS ONE</i> , 2010, 5, e13816.	1.1	82
53	Spatial Distribution of <i>Echinococcus multilocularis</i> , Svalbard, Norway. <i>Emerging Infectious Diseases</i> , 2008, 14, 73-75.	2.0	29
54	Positive short-term effects of sheep grazing on the alpine avifauna. <i>Biology Letters</i> , 2007, 3, 110-112.	1.0	37

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55	Serosurvey for <i>Toxoplasma gondii</i> in arctic foxes and possible sources of infection in the high Arctic of Svalbard. <i>Veterinary Parasitology</i> , 2007, 150, 6-12.	0.7	83
56	Activity pattern of arctic reindeer in a predator-free environment: no need to keep a daily rhythm. <i>Oecologia</i> , 2007, 152, 617-624.	0.9	56
57	Testing five hypotheses of sexual segregation in an arctic ungulate. <i>Journal of Animal Ecology</i> , 2006, 75, 485-496.	1.3	63
58	Modelling local distribution of an Arctic dwarf shrub indicates an important role for remote sensing of snow cover. <i>Remote Sensing of Environment</i> , 2005, 98, 110-121.	4.6	34
59	Resistance to abomasal nematodes and individual genetic variability in reindeer. <i>Molecular Ecology</i> , 2005, 14, 4159-4168.	2.0	21
60	Effects of long-term maternal exposure to low doses of PCB126 and PCB153 on the reproductive system and related hormones of young male goats. <i>Reproduction</i> , 2005, 130, 731-742.	1.1	63
61	Vertebrate herbivores and ecosystem control: cascading effects of faeces on tundra ecosystems. <i>Ecography</i> , 2004, 27, 242-252.	2.1	167
62	Body condition in Svalbard reindeer and the use of blood parameters as indicators of condition and fitness. <i>Canadian Journal of Zoology</i> , 2003, 81, 1566-1578.	0.4	55