Audun Stien

List of Publications by Year
in descending order

62 papers	2,408 citations	172457 29 h-index	214800 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. Oecologia, 2022, , 1.	2.0	0
2	The neglected season: Warmer autumns counteract harsher winters and promote population growth in Arctic reindeer. Global Change Biology, 2021, 27, 993-1002.	9.5	33
3	Don't go chasing the ghosts of the past: habitat selection and site fidelity during calving in an Arctic ungulate. Wildlife Biology, 2021, 2021, .	1.4	3
4	Effect of scavenging on predation in a food web. Ecology and Evolution, 2021, 11, 6742-6765.	1.9	5
5	Fat storage influences fasting endurance more than body size in an ungulate. Functional Ecology, 2021, 35, 1470-1480.	3.6	4
6	Determinants of heart rate in Svalbard reindeer reveal mechanisms of seasonal energy management. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200215.	4.0	15
7	Climate variability and density-dependent population dynamics: Lessons from a simple High Arctic ecosystem. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
8	Context dependent fitness costs of reproduction despite stable body mass costs in an Arctic herbivore. Journal of Animal Ecology, 2021, , .	2.8	4
9	Unfounded claims about productivity beyond density for reindeer pastoralism systems. Pastoralism, 2021, 11, .	1.0	3
10	Endâ€user involvement to improve predictions and management of populations with complex dynamics and multiple drivers. Ecological Applications, 2020, 30, e02120.	3.8	16
11	When does weather synchronize lifeâ€history traits? Spatiotemporal patterns in juvenile body mass of two ungulates. Journal of Animal Ecology, 2020, 89, 1419-1432.	2.8	8
12	Effects of human-induced disturbances and weather on herbivore movement. Journal of Mammalogy, 2019, 100, 1490-1500.	1.3	7
13	A century of conservation: The ongoing recovery of Svalbard reindeer. Journal of Wildlife Management, 2019, 83, 1676-1686.	1.8	41
14	Silver spoon effects are constrained under extreme adult environmental conditions. Ecology, 2019, 100, e02886.	3.2	26
15	Keeping cool in the warming Arctic: thermoregulatory behaviour by Svalbard reindeer (<i>Rangifer) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	5
16	Assessing the effect of predator control on an endangered goose population subjected to predatorâ€mediated food web dynamics. Journal of Applied Ecology, 2019, 56, 1245-1255.	4.0	17
17	More frequent extreme climate events stabilize reindeer population dynamics. Nature Communications, 2019, 10, 1616.	12.8	65
18	Antler growth as a cost of reproduction in female reindeer. Oecologia, 2019, 189, 601-609.	2.0	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.	5.2	64
21	High goose abundance reduces nest predation risk in a simple rodent-free high-Arctic ecosystem. Polar Biology, 2018, 41, 619-627.	1.2	3
22	Little impact of overâ€winter parasitism on a freeâ€ranging ungulate in the high Arctic. Functional Ecology, 2018, 32, 1046-1056.	3.6	5
23	Retrospective growth analysis of the dwarf shrub Cassiope tetragona allows local estimation of vascular plant productivity in high arctic Svalbard. Journal of Vegetation Science, 2018, 29, 943-951.	2.2	5
24	Biased estimation of trends in cohort effects: the problems with ageâ€periodâ€cohort models in ecology. Ecology, 2018, 99, 2675-2680.	3.2	1
25	Climate and density dependence cause changes in adult sex ratio in a large Arctic herbivore. Ecosphere, 2017, 8, e01699.	2.2	11
26	Rangifer management controls a climateâ€sensitive tundra state transition. Ecological Applications, 2017, 27, 2416-2427.	3.8	42
27	Maternal winter body mass and not spring phenology determine annual calf production in an Arctic herbivore. Oikos, 2017, 126, 980-987.	2.7	30
28	Contrasting effects of summer and winter warming on body mass explain population dynamics in a foodâ€limited Arctic herbivore. Global Change Biology, 2017, 23, 1374-1389.	9.5	111
29	The cost of migratory prey: seasonal changes in semiâ€domestic reindeer distribution influences breeding success of Eurasian lynx in northern Norway. Oikos, 2017, 126, 642-650.	2.7	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.	2.6	5
31	Mortality and lamb body mass growth in freeâ€ranging domestic sheep â€“ environmental impacts including lethal and nonâ€lethal impacts of predators. Ecography, 2016, 39, 763-773.	4.5	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.	2.6	28
33	Behavioral buffering of extreme weather events in a highâ€Arctic herbivore. Ecosphere, 2016, 7, e01374.	2.2	46
34	Demographic buffering of life histories? Implications of the choice of measurement scale. Ecology, 2016, 97, 40-47.	3.2	27
35	An integrated population model for a longâ€lived ungulate: more efficient data use with Bayesian methods. Oikos, 2015, 124, 806-816.	2.7	43
36	Sheep farming and large carnivores: What are the factors influencing claimed losses?. Ecosphere, 2015, 6, 1-17.	2.2	27

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37	Large scale modelling of salmon lice (Lepeophtheirus salmonis) infection pressure based on lice monitoring data from Norwegian salmonid farms. Epidemics, 2014, 9, 31-39.	3.0	63
38	Environmental variation as a driver of predatorâ€prey interactions. Ecosphere, 2014, 5, 1-13.	2.2	12
39	Highâ€arctic plants like it hot: a longâ€term investigation of betweenâ€year variability in plant biomass. Ecology, 2014, 95, 3414-3427.	3.2	74
40	The role of predation and food limitation on claims for compensation, reindeer demography and population dynamics. Journal of Applied Ecology, 2014, 51, 1264-1272.	4.0	43
41	Communityâ€wide mesocarnivore response to partial ungulate migration. Journal of Applied Ecology, 2014, 51, 1525-1533.	4.0	29
42	Climate Events Synchronize the Dynamics of a Resident Vertebrate Community in the High Arctic. Science, 2013, 339, 313-315.	12.6	199
43	Spatial patterns of goose grubbing suggest elevated grubbing in dry habitats linked to early snowmelt. Polar Research, 2013, 32, 19719.	1.6	13
44	Population Densities, Vegetation Green-Up, and Plant Productivity: Impacts on Reproductive Success and Juvenile Body Mass in Reindeer. PLoS ONE, 2013, 8, e56450.	2.5	91
45	Congruent responses to weather variability in high arctic herbivores. Biology Letters, 2012, 8, 1002-1005.	2.3	85
46	Sea lice as a density-dependent constraint to salmonid farming. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2330-2338.	2.6	152
47	Disease transmission in an extreme environment: Nematode parasites infect reindeer during the Arctic winter. International Journal for Parasitology, 2012, 42, 789-795.	3.1	20
48	Reproductive responses to spatial and temporal prey availability in a coastal Arctic fox population. Journal of Animal Ecology, 2012, 81, 640-648.	2.8	43
49	Plastic reproductive allocation as a buffer against environmental stochasticity â€“ linking life history and population dynamics to climate. Oikos, 2011, 120, 245-257.	2.7	46
50	Intestinal parasites of the Arctic fox in relation to the abundance and distribution of intermediate hosts. Parasitology, 2010, 137, 149-157.	1.5	46
51	Icing events trigger range displacement in a highâ€arctic ungulate. Ecology, 2010, 91, 915-920.	3.2	64
52	Effects of Hydrographic Variability on the Spatial, Seasonal and Diel Diving Patterns of Southern Elephant Seals in the Eastern Weddell Sea. PLoS ONE, 2010, 5, e13816.	2.5	82
53	Spatial Distribution ofEchinococcus multilocularis, Svalbard, Norway. Emerging Infectious Diseases, 2008, 14, 73-75.	4.3	29
54	Positive short-term effects of sheep grazing on the alpine avifauna. Biology Letters, 2007, 3, 110-112.	2.3	37

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55	Serosurvey for Toxoplasma gondii in arctic foxes and possible sources of infection in the high Arctic of Svalbard. Veterinary Parasitology, 2007, 150, 6-12.	1.8	83
56	Activity pattern of arctic reindeer in a predator-free environment: no need to keep a daily rhythm. Oecologia, 2007, 152, 617-624.	2.0	56
57	Testing five hypotheses of sexual segregation in an arctic ungulate. Journal of Animal Ecology, 2006, 75, 485-496.	2.8	63
58	Modelling local distribution of an Arctic dwarf shrub indicates an important role for remote sensing of snow cover. Remote Sensing of Environment, 2005, 98, 110-121.	11.0	34
59	Resistance to abomasal nematodes and individual genetic variability in reindeer. Molecular Ecology, 2005, 14, 4159-4168.	3.9	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. Reproduction, 2005, 130, 731-742.	2.6	63
61	Vertebrate herbivores and ecosystem control: cascading effects of faeces on tundra ecosystems. Ecography, 2004, 27, 242-252.	4.5	167
62	Body condition in Svalbard reindeer and the use of blood parameters as indicators of condition and fitness. Canadian Journal of Zoology, 2003, 81, 1566-1578.	1.0	55