Leif Egil Loe

List of Publications by Year
in descending order

89 papers	4,426 citations	101543 36 h-index	110387 64 g-index
91 all docs	91 docs citations	91 times ranked	4286 citing authors

#	Article	IF	Citations
1	Home range and habitat selection of female mountain nyalas (Tragelaphus buxtoni) in the human-dominated landscape of the Ethiopian Highlands. Mammalian Biology, 2022, 102, 155-162.	1.5	0
2	Harvesting can stabilise population fluctuations and buffer the impacts of extreme climatic events. Ecology Letters, 2022, 25, 863-875.	6.4	3
3	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
4	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
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	Context dependent fitness costs of reproduction despite stable body mass costs in an Arctic herbivore. Journal of Animal Ecology, 2021, , .	2.8	4
8	Sea ice loss increases genetic isolation in a high Arctic ungulate metapopulation. Global Change Biology, 2020, 26, 2028-2041.	9.5	20
9	Silver spoon effects are constrained under extreme adult environmental conditions. Ecology, 2019, 100, e02886.	3.2	26
10	Keeping cool in the warming Arctic: thermoregulatory behaviour by Svalbard reindeer (<i>Rangifer) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	5
11	Future suitability of habitat in a migratory ungulate under climate change. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190442.	2.6	18
12	More frequent extreme climate events stabilize reindeer population dynamics. Nature Communications, 2019, 10, 1616.	12.8	65
13	Antler growth as a cost of reproduction in female reindeer. Oecologia, 2019, 189, 601-609.	2.0	6
14	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
15	Little impact of over€winter parasitism on a free€ranging ungulate in the high Arctic. Functional Ecology, 2018, 32, 1046-1056.	3.6	5
16	Spatial mismatch between management units and movement ecology of a partially migratory ungulate. Journal of Applied Ecology, 2018, 55, 745-753.	4.0	27
17	Comparing seed removal rates in actively and passively restored tropical moist forests. Restoration Ecology, 2018, 26, 720-728.	2.9	4
18	Circadian rhythmicity persists through the Polar night and midnight sun in Svalbard reindeer. Scientific Reports, 2018, 8, 14466.	3.3	53

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19	Biased estimation of trends in cohort effects: the problems with age–period–cohort models in ecology. Ecology, 2018, 99, 2675-2680.	3.2	1
20	Maternal winter body mass and not spring phenology determine annual calf production in an Arctic herbivore. Oikos, 2017, 126, 980-987.	2.7	30
21	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.	9.5	111
22	Temporal variation in habitat selection breaks the catch–22 of spatially contrasting predation risk from multiple predators. Oikos, 2017, 126, 624-632.	2.7	32
23	Leave before it's too late: anthropogenic and environmental triggers of autumn migration in a hunted ungulate population. Ecology, 2016, 97, 1058-1068.	3.2	45
24	Effects of mammalian herbivores and termites on the performance of native and exotic plantation tree seedlings. Journal of Applied Ecology, 2016, 53, 323-331.	4.0	6
25	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
26	Synergies and trade-offs between ecosystem services in an alpine ecosystem grazed by sheep – An experimental approach. Basic and Applied Ecology, 2016, 17, 596-608.	2.7	24
27	The influence of red deer space use on the distribution of Ixodes ricinus ticks in the landscape. Parasites and Vectors, 2016, 9, 545.	2.5	15
28	Behavioral buffering of extreme weather events in a high–Arctic herbivore. Ecosphere, 2016, 7, e01374.	2.2	46
29	Timing of the hunting season as a tool to redistribute harvest of migratory deer across the landscape. European Journal of Wildlife Research, 2016, 62, 315-323.	1.4	10
30	Demographic buffering of life histories? Implications of the choice of measurement scale. Ecology, 2016, 97, 40-47.	3.2	27
31	Leave before it's too late: Anthropogenic and environmental triggers of autumn migration in a hunted ungulate population. Ecology, 2016, , .	3.2	4
32	Leave before it's too late: anthropogenic and environmental triggers of autumn migration in a hunted ungulate population. Ecology, 2016, 97, 1058-68.	3.2	15
33	An integrated population model for a long–lived ungulate: more efficient data use with Bayesian methods. Oikos, 2015, 124, 806-816.	2.7	43
34	An adaptive behavioural response to hunting: surviving male red deer shift habitat at the onset of the hunting season. Animal Behaviour, 2015, 102, 127-138.	1.9	106
35	Landscape of risk to roe deer imposed by lynx and different human hunting tactics. European Journal of Wildlife Research, 2015, 61, 831-840.	1.4	31
36	Searching for the fundamental niche using individual–based habitat selection modelling across populations. Ecography, 2015, 38, 659-669.	4.5	37

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37	Improving broad scale forage mapping and habitat selection analyses with airborne laser scanning: the case of moose. Ecosphere, 2014, 5, art144.	2.2	20
38	Living and dying in a multi€predator landscape of fear: roe deer are squeezed by contrasting pattern of predation risk imposed by lynx and humans. Oikos, 2014, 123, 641-651.	2.7	154
39	Individual Heterogeneity in Use of Human Shields by Mountain Nyala. Ethology, 2014, 120, 715-725.	1.1	27
40	Warmer and wetter winters: characteristics and implications of an extreme weather event in the High Arctic. Environmental Research Letters, 2014, 9, 114021.	5.2	179
41	The effect of agricultural land use practice on habitat selection of red deer. European Journal of Wildlife Research, 2014, 60, 69-76.	1.4	22
42	Targeting mitigation efforts: The role of speed limit and road edge clearance for deer€"vehicle collisions. Journal of Wildlife Management, 2014, 78, 679-688.	1.8	36
43	Fitness consequences of environmental conditions at different life stages in a long-lived vertebrate. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140276.	2.6	80
44	Lynx predation on semi€domestic reindeer: do age and sex matter?. Journal of Zoology, 2014, 292, 56-63.	1.7	14
45	Temporal scales of density€dependent habitat selection in a large grazing herbivore. Oikos, 2014, 123, 933-942.	2.7	18
46	Evaluation of Landscape-Level Grazing Capacity for Domestic Sheep in Alpine Rangelands. Rangeland Ecology and Management, 2014, 67, 132-144.	2.3	6
47	Interaction effects between weather and space use on harvesting effort and patterns in red deer. Ecology and Evolution, 2014, 4, 4786-4797.	1.9	24
48	The effect of sheep (*Ovis aries*) presence on the abundance of ticks (*Ixodes ricinus*). Acta Agriculturae Scandinavica - Section A: Animal Science, 2013, 63, 111-120.	0.2	6
49	Red deer habitat selection and movements in relation to roads. Journal of Wildlife Management, 2013, 77, 181-191.	1.8	53
50	Lynx prey selection for age and sex classes of roe deer varies with season. Journal of Zoology, 2013, 289, 222-228.	1.7	10
51	Population genetic structure and connectivity in the endangered Ethiopian mountain Nyala (Tragelaphus buxtoni): recommending dispersal corridors for future conservation. Conservation Genetics, 2013, 14, 427-438.	1.5	9
52	Livestock-wildlife conflicts in the Ethiopian highlands: assessing the dietary and spatial overlap between mountain nyala and cattle. African Journal of Ecology, 2013, 52, n/a-n/a.	0.9	6
53	Inferring spatial memory and spatiotemporal scaling from GPS data: comparing red deer *Cervus elaphus* movements with simulation models. Journal of Animal Ecology, 2013, 82, 572-586.	2.8	30
54	Landscape Level Variation in Tick Abundance Relative to Seasonal Migration in Red Deer. PLoS ONE, 2013, 8, e71299.	2.5	56

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55	Congruent responses to weather variability in high arctic herbivores. Biology Letters, 2012, 8, 1002-1005.	2.3	85
56	Contrasting migration tendencies of sympatric red deer and roe deer suggest multiple causes of migration in ungulates. Ecosphere, 2012, 3, 1-6.	2.2	18
57	A Migratory Northern Ungulate in the Pursuit of Spring: Jumping or Surfing the Green Wave?. American Naturalist, 2012, 180, 407-424.	2.1	306
58	Experimental evidence of density dependent activity pattern of a large herbivore in an alpine ecosystem. Oikos, 2012, 121, 1364-1369.	2.7	14
59	Effects of spatial scale and sample size in GPS-based species distribution models: are the best models trivial for red deer management?. European Journal of Wildlife Research, 2012, 58, 195-203.	1.4	31
60	What determines variation in home range size across spatiotemporal scales in a large browsing herbivore?. Journal of Animal Ecology, 2011, 80, 771-785.	2.8	186
61	Estimating population size and habitat suitability for mountain nyala in areas with different protection status. Animal Conservation, 2011, 14, 409-418.	2.9	22
62	Partial migration in expanding red deer populations at northern latitudes â€" a role for density dependence?. Oikos, 2011, 120, 1817-1825.	2.7	160
63	Comparative Space Use and Habitat Selection of Moose Around Feeding Stations. Journal of Wildlife Management, 2010, 74, 219-227.	1.8	51
64	No evidence of juvenile body mass affecting dispersal in male red deer. Journal of Zoology, 2010, 280, 84-91.	1.7	9
65	Seasonal effects of Pacificâ€based climate on recruitment in a predatorâ€limited large herbivore. Journal of Animal Ecology, 2010, 79, 471-482.	2.8	38
66	Forage quantity, quality and depletion as scaleâ€dependent mechanisms driving habitat selection of a large browsing herbivore. Journal of Animal Ecology, 2010, 79, 910-922.	2.8	145
67	How does local weather predict red deer home range size at different temporal scales?. Journal of Animal Ecology, 2010, 79, 1280-1295.	2.8	91
68	Icing events trigger range displacement in a highâ€arctic ungulate. Ecology, 2010, 91, 915-920.	3.2	64
69	Spatial patterns of accumulated browsing and its relevance for management of red deer Cervus elaphus. Wildlife Biology, 2010, 16, 162-172.	1.4	19
70	Chapter 5 Empirical Evidence of Densityâ€Dependence in Populations of Large Herbivores. Advances in Ecological Research, 2009, 41, 313-357.	2.7	285
71	Negative density-dependent emigration of males in an increasing red deer population. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2581-2587.	2.6	50
72	Effects of Hunting on Response Behaviors of Wild Reindeer. Journal of Wildlife Management, 2009, 73, 844-851.	1.8	47

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73	Density dependent and temporal variability in habitat selection by a large herbivore; an experimental approach. Oikos, 2009, 118, 209-218.	2.7	86
74	Temporal scales, trade€offs, and functional responses in red deer habitat selection. Ecology, 2009, 90, 699-710.	3.2	279
75	Age€specific feeding cessation in male red deer during rut. Journal of Zoology, 2008, 275, 407-412.	1.7	39
76	The timing of male reproductive effort relative to female ovulation in a capital breeder. Journal of Animal Ecology, 2008, 77, 469-477.	2.8	46
77	Monitoring Population Size of Red Deer Cervus Elaphus: An Evaluation of Two Types of Census Data from Norway. Wildlife Biology, 2007, 13, 285-298.	1.4	67
78	Positive short-term effects of sheep grazing on the alpine avifauna. Biology Letters, 2007, 3, 110-112.	2.3	37
79	The ecology and evolution of tooth wear in red deer and moose. Oikos, 2007, 116, 1805-1818.	2.7	26
80	Evidence for a trade-off between early growth and tooth wear in Svalbard reindeer. Journal of Animal Ecology, 2007, 76, 1139-1148.	2.8	23
81	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
82	The ecology and evolution of tooth wear in red deer and moose. Oikos, 2007, 116, 1805-1818.	2.7	4
83	Testing five hypotheses of sexual segregation in an arctic ungulate. Journal of Animal Ecology, 2006, 75, 485-496.	2.8	63
84	Increased effect of harsh climate in red deer with a poor set of teeth. Oecologia, 2006, 147, 24-30.	2.0	17
85	Climate predictability and breeding phenology in red deer: timing and synchrony of rutting and calving in Norway and France. Journal of Animal Ecology, 2005, 74, 579-588.	2.8	104
86	Multiple causes of sexual segregation in European red deer: enlightenments from varying breeding phenology at high and low latitude. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 883-892.	2.6	102
87	Social rank, feeding and winter weight loss in red deer: any evidence of interference competition?. Oecologia, 2004, 138, 135-142.	2.0	53
88	Phenotypic and environmental correlates of tooth eruption in red deer (Cervus elaphus). Journal of Zoology, 2004, 262, 83-89.	1.7	20
89	Decelerating and sex-dependent tooth wear in Norwegian red deer. Oecologia, 2003, 135, 346-353.	2.0	62