

Leif Egil Loe

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Migratory Northern Ungulate in the Pursuit of Spring: Jumping or Surfing the Green Wave?. <i>American Naturalist</i> , 2012, 180, 407-424.	2.1	306
2	Chapter 5 Empirical Evidence of Densityâ€Dependence in Populations of Large Herbivores. <i>Advances in Ecological Research</i> , 2009, 41, 313-357.	2.7	285
3	Temporal scales, tradeâ€offs, and functional responses in red deer habitat selection. <i>Ecology</i> , 2009, 90, 699-710.	3.2	279
4	What determines variation in home range size across spatiotemporal scales in a large browsing herbivore?. <i>Journal of Animal Ecology</i> , 2011, 80, 771-785.	2.8	186
5	Warmer and wetter winters: characteristics and implications of an extreme weather event in the High Arctic. <i>Environmental Research Letters</i> , 2014, 9, 114021.	5.2	179
6	Partial migration in expanding red deer populations at northern latitudes â€“ a role for density dependence?. <i>Oikos</i> , 2011, 120, 1817-1825.	2.7	160
7	Living and dying in a multiâ€predator landscape of fear: roe deer are squeezed by contrasting pattern of predation risk imposed by lynx and humans. <i>Oikos</i> , 2014, 123, 641-651.	2.7	154
8	Forage quantity, quality and depletion as scaleâ€dependent mechanisms driving habitat selection of a large browsing herbivore. <i>Journal of Animal Ecology</i> , 2010, 79, 910-922.	2.8	145
9	Contrasting effects of summer and winter warming on body mass explain population dynamics in a foodâ€limited Arctic herbivore. <i>Global Change Biology</i> , 2017, 23, 1374-1389.	9.5	111
10	An adaptive behavioural response to hunting: surviving male red deer shift habitat at the onset of the hunting season. <i>Animal Behaviour</i> , 2015, 102, 127-138.	1.9	106
11	Climate predictability and breeding phenology in red deer: timing and synchrony of rutting and calving in Norway and France. <i>Journal of Animal Ecology</i> , 2005, 74, 579-588.	2.8	104
12	Multiple causes of sexual segregation in European red deer: enlightenments from varying breeding phenology at high and low latitude. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 883-892.	2.6	102
13	How does local weather predict red deer home range size at different temporal scales?. <i>Journal of Animal Ecology</i> , 2010, 79, 1280-1295.	2.8	91
14	Density dependent and temporal variability in habitat selection by a large herbivore; an experimental approach. <i>Oikos</i> , 2009, 118, 209-218.	2.7	86
15	Congruent responses to weather variability in high arctic herbivores. <i>Biology Letters</i> , 2012, 8, 1002-1005.	2.3	85
16	Fitness consequences of environmental conditions at different life stages in a long-lived vertebrate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140276.	2.6	80
17	Monitoring Population Size of Red Deer <i>Cervus Elaphus</i> : An Evaluation of Two Types of Census Data from Norway. <i>Wildlife Biology</i> , 2007, 13, 285-298.	1.4	67
18	More frequent extreme climate events stabilize reindeer population dynamics. <i>Nature Communications</i> , 2019, 10, 1616.	12.8	65

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19	Icing events trigger range displacement in a high Arctic ungulate. <i>Ecology</i> , 2010, 91, 915-920.	3.2	64
20	Spatiotemporal patterns of rain-on-snow and basal ice in high Arctic Svalbard: detection of a climate-cryosphere regime shift. <i>Environmental Research Letters</i> , 2019, 14, 015002.	5.2	64
21	Testing five hypotheses of sexual segregation in an arctic ungulate. <i>Journal of Animal Ecology</i> , 2006, 75, 485-496.	2.8	63
22	Decelerating and sex-dependent tooth wear in Norwegian red deer. <i>Oecologia</i> , 2003, 135, 346-353.	2.0	62
23	Activity pattern of arctic reindeer in a predator-free environment: no need to keep a daily rhythm. <i>Oecologia</i> , 2007, 152, 617-624.	2.0	56
24	Landscape Level Variation in Tick Abundance Relative to Seasonal Migration in Red Deer. <i>PLoS ONE</i> , 2013, 8, e71299.	2.5	56
25	Social rank, feeding and winter weight loss in red deer: any evidence of interference competition?. <i>Oecologia</i> , 2004, 138, 135-142.	2.0	53
26	Red deer habitat selection and movements in relation to roads. <i>Journal of Wildlife Management</i> , 2013, 77, 181-191.	1.8	53
27	Circadian rhythmicity persists through the Polar night and midnight sun in Svalbard reindeer. <i>Scientific Reports</i> , 2018, 8, 14466.	3.3	53
28	Comparative Space Use and Habitat Selection of Moose Around Feeding Stations. <i>Journal of Wildlife Management</i> , 2010, 74, 219-227.	1.8	51
29	Negative density-dependent emigration of males in an increasing red deer population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2581-2587.	2.6	50
30	Effects of Hunting on Response Behaviors of Wild Reindeer. <i>Journal of Wildlife Management</i> , 2009, 73, 844-851.	1.8	47
31	The timing of male reproductive effort relative to female ovulation in a capital breeder. <i>Journal of Animal Ecology</i> , 2008, 77, 469-477.	2.8	46
32	Behavioral buffering of extreme weather events in a high Arctic herbivore. <i>Ecosphere</i> , 2016, 7, e01374.	2.2	46
33	Leave before it's too late: anthropogenic and environmental triggers of autumn migration in a hunted ungulate population. <i>Ecology</i> , 2016, 97, 1058-1068.	3.2	45
34	An integrated population model for a long-lived ungulate: more efficient data use with Bayesian methods. <i>Oikos</i> , 2015, 124, 806-816.	2.7	43
35	Age-specific feeding cessation in male red deer during rut. <i>Journal of Zoology</i> , 2008, 275, 407-412.	1.7	39
36	Seasonal effects of Pacific-based climate on recruitment in a predator-limited large herbivore. <i>Journal of Animal Ecology</i> , 2010, 79, 471-482.	2.8	38

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37	Positive short-term effects of sheep grazing on the alpine avifauna. <i>Biology Letters</i> , 2007, 3, 110-112.	2.3	37
38	Searching for the fundamental niche using individual-based habitat selection modelling across populations. <i>Ecography</i> , 2015, 38, 659-669.	4.5	37
39	Targeting mitigation efforts: The role of speed limit and road edge clearance for deer-vehicle collisions. <i>Journal of Wildlife Management</i> , 2014, 78, 679-688.	1.8	36
40	The neglected season: Warmer autumns counteract harsher winters and promote population growth in Arctic reindeer. <i>Global Change Biology</i> , 2021, 27, 993-1002.	9.5	33
41	Temporal variation in habitat selection breaks the catch-22 of spatially contrasting predation risk from multiple predators. <i>Oikos</i> , 2017, 126, 624-632.	2.7	32
42	Effects of spatial scale and sample size in GPS-based species distribution models: are the best models trivial for red deer management?. <i>European Journal of Wildlife Research</i> , 2012, 58, 195-203.	1.4	31
43	Landscape of risk to roe deer imposed by lynx and different human hunting tactics. <i>European Journal of Wildlife Research</i> , 2015, 61, 831-840.	1.4	31
44	Inferring spatial memory and spatiotemporal scaling from GPS data: comparing red deer <i>Cervus elaphus</i> movements with simulation models. <i>Journal of Animal Ecology</i> , 2013, 82, 572-586.	2.8	30
45	Maternal winter body mass and not spring phenology determine annual calf production in an Arctic herbivore. <i>Oikos</i> , 2017, 126, 980-987.	2.7	30
46	The influence of weather conditions during gestation on life histories in a wild Arctic ungulate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161760.	2.6	28
47	Individual Heterogeneity in Use of Human Shields by Mountain Nyala. <i>Ethology</i> , 2014, 120, 715-725.	1.1	27
48	Demographic buffering of life histories? Implications of the choice of measurement scale. <i>Ecology</i> , 2016, 97, 40-47.	3.2	27
49	Spatial mismatch between management units and movement ecology of a partially migratory ungulate. <i>Journal of Applied Ecology</i> , 2018, 55, 745-753.	4.0	27
50	The ecology and evolution of tooth wear in red deer and moose. <i>Oikos</i> , 2007, 116, 1805-1818.	2.7	26
51	Silver spoon effects are constrained under extreme adult environmental conditions. <i>Ecology</i> , 2019, 100, e02886.	3.2	26
52	Interaction effects between weather and space use on harvesting effort and patterns in red deer. <i>Ecology and Evolution</i> , 2014, 4, 4786-4797.	1.9	24
53	Synergies and trade-offs between ecosystem services in an alpine ecosystem grazed by sheep - An experimental approach. <i>Basic and Applied Ecology</i> , 2016, 17, 596-608.	2.7	24
54	Evidence for a trade-off between early growth and tooth wear in Svalbard reindeer. <i>Journal of Animal Ecology</i> , 2007, 76, 1139-1148.	2.8	23

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55	Estimating population size and habitat suitability for mountain nyala in areas with different protection status. <i>Animal Conservation</i> , 2011, 14, 409-418.	2.9	22
56	The effect of agricultural land use practice on habitat selection of red deer. <i>European Journal of Wildlife Research</i> , 2014, 60, 69-76.	1.4	22
57	Phenotypic and environmental correlates of tooth eruption in red deer (<i>Cervus elaphus</i>). <i>Journal of Zoology</i> , 2004, 262, 83-89.	1.7	20
58	Improving broad scale forage mapping and habitat selection analyses with airborne laser scanning: the case of moose. <i>Ecosphere</i> , 2014, 5, art144.	2.2	20
59	Sea ice loss increases genetic isolation in a high Arctic ungulate metapopulation. <i>Global Change Biology</i> , 2020, 26, 2028-2041.	9.5	20
60	Spatial patterns of accumulated browsing and its relevance for management of red deer <i>Cervus elaphus</i> . <i>Wildlife Biology</i> , 2010, 16, 162-172.	1.4	19
61	Contrasting migration tendencies of sympatric red deer and roe deer suggest multiple causes of migration in ungulates. <i>Ecosphere</i> , 2012, 3, 1-6.	2.2	18
62	Temporal scales of density-dependent habitat selection in a large grazing herbivore. <i>Oikos</i> , 2014, 123, 933-942.	2.7	18
63	Future suitability of habitat in a migratory ungulate under climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190442.	2.6	18
64	Increased effect of harsh climate in red deer with a poor set of teeth. <i>Oecologia</i> , 2006, 147, 24-30.	2.0	17
65	The influence of red deer space use on the distribution of <i>Ixodes ricinus</i> ticks in the landscape. <i>Parasites and Vectors</i> , 2016, 9, 545.	2.5	15
66	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.	4.0	15
67	Leave before it's too late: anthropogenic and environmental triggers of autumn migration in a hunted ungulate population. <i>Ecology</i> , 2016, 97, 1058-68.	3.2	15
68	Experimental evidence of density dependent activity pattern of a large herbivore in an alpine ecosystem. <i>Oikos</i> , 2012, 121, 1364-1369.	2.7	14
69	Lynx predation on semi-domestic reindeer: do age and sex matter?. <i>Journal of Zoology</i> , 2014, 292, 56-63.	1.7	14
70	Lynx prey selection for age and sex classes of roe deer varies with season. <i>Journal of Zoology</i> , 2013, 289, 222-228.	1.7	10
71	Timing of the hunting season as a tool to redistribute harvest of migratory deer across the landscape. <i>European Journal of Wildlife Research</i> , 2016, 62, 315-323.	1.4	10
72	No evidence of juvenile body mass affecting dispersal in male red deer. <i>Journal of Zoology</i> , 2010, 280, 84-91.	1.7	9

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73	Population genetic structure and connectivity in the endangered Ethiopian mountain Nyala (<i>Tragelaphus buxtoni</i>): recommending dispersal corridors for future conservation. <i>Conservation Genetics</i> , 2013, 14, 427-438.	1.5	9
74	The effect of sheep (<i>Ovis aries</i>) presence on the abundance of ticks (<i>Ixodes ricinus</i>). <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2013, 63, 111-120.	0.2	6
75	Livestock-wildlife conflicts in the Ethiopian highlands: assessing the dietary and spatial overlap between mountain nyala and cattle. <i>African Journal of Ecology</i> , 2013, 52, n/a-n/a.	0.9	6
76	Evaluation of Landscape-Level Grazing Capacity for Domestic Sheep in Alpine Rangelands. <i>Rangeland Ecology and Management</i> , 2014, 67, 132-144.	2.3	6
77	Effects of mammalian herbivores and termites on the performance of native and exotic plantation tree seedlings. <i>Journal of Applied Ecology</i> , 2016, 53, 323-331.	4.0	6
78	Antler growth as a cost of reproduction in female reindeer. <i>Oecologia</i> , 2019, 189, 601-609.	2.0	6
79	Little impact of overwinter parasitism on a free-ranging ungulate in the high Arctic. <i>Functional Ecology</i> , 2018, 32, 1046-1056.	3.6	5
80	Keeping cool in the warming Arctic: thermoregulatory behaviour by Svalbard reindeer (<i>Rangifer</i>). <i>Journal of Animal Ecology</i> , 2019, 88, 100-109.	1.0	5
81	Comparing seed removal rates in actively and passively restored tropical moist forests. <i>Restoration Ecology</i> , 2018, 26, 720-728.	2.9	4
82	Fat storage influences fasting endurance more than body size in an ungulate. <i>Functional Ecology</i> , 2021, 35, 1470-1480.	3.6	4
83	Context dependent fitness costs of reproduction despite stable body mass costs in an Arctic herbivore. <i>Journal of Animal Ecology</i> , 2021, , .	2.8	4
84	The ecology and evolution of tooth wear in red deer and moose. <i>Oikos</i> , 2007, 116, 1805-1818.	2.7	4
85	Leave before it's too late: Anthropogenic and environmental triggers of autumn migration in a hunted ungulate population. <i>Ecology</i> , 2016, , .	3.2	4
86	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, .	1.4	3
87	Harvesting can stabilise population fluctuations and buffer the impacts of extreme climatic events. <i>Ecology Letters</i> , 2022, 25, 863-875.	6.4	3
88	Biased estimation of trends in cohort effects: the problems with age-period-cohort models in ecology. <i>Ecology</i> , 2018, 99, 2675-2680.	3.2	1
89	Home range and habitat selection of female mountain nyalas (<i>Tragelaphus buxtoni</i>) in the human-dominated landscape of the Ethiopian Highlands. <i>Mammalian Biology</i> , 2022, 102, 155-162.	1.5	0