

Steeve D CÃ'tÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

5,396
citations

117625
34
h-index

85541
71
g-index

85
all docs

85
docs citations

85
times ranked

4567
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological Impacts of Deer Overabundance. Annual Review of Ecology, Evolution, and Systematics, 2004, 35, 113-147.	8.3	1,557
2	EARLY ONSET OF VEGETATION GROWTH VS. RAPID GREEN-UP: IMPACTS ON JUVENILE MOUNTAIN UNGULATES. Ecology, 2007, 88, 381-390.	3.2	248
3	Birthdate, mass and survival in mountain goat kids: effects of maternal characteristics and forage quality. Oecologia, 2001, 127, 230-238.	2.0	217
4	Individual variation in reproductive costs of reproduction: high-quality females always do better. Journal of Animal Ecology, 2009, 78, 143-151.	2.8	213
5	Spring Normalized Difference Vegetation Index (NDVI) predicts annual variation in timing of peak faecal crude protein in mountain ungulates. Journal of Applied Ecology, 2009, 46, 582-589.	4.0	175
6	Variable age structure and apparent density dependence in survival of adult ungulates. Journal of Animal Ecology, 2003, 72, 640-649.	2.8	166
7	Reproductive success in female mountain goats: the influence of age and social rank. Animal Behaviour, 2001, 62, 173-181.	1.9	161
8	DOMINANCE HIERARCHIES IN FEMALE MOUNTAIN GOATS: STABILITY, AGGRESSIVENESS AND DETERMINANTS OF RANK. Behaviour, 2000, 137, 1541-1566.	0.8	138
9	Life-History Effects of Chemical Immobilization and Radiocollars on Mountain Goats. Journal of Wildlife Management, 1998, 62, 745.	1.8	94
10	Long-term decline in white-tailed deer browse supply: can lichens and litterfall act as alternative food sources that preclude density-dependent feedbacks. Canadian Journal of Zoology, 2005, 83, 1087-1096.	1.0	93
11	Maternal characteristics and environment affect the costs of reproduction in female mountain goats. Ecology, 2010, 91, 2034-2043.	3.2	92
12	A large herbivore triggers alternative successional trajectories in the boreal forest. Ecology, 2013, 94, 2852-2860.	3.2	90
13	Trade-offs in activity budget in an alpine ungulate: contrasting lactating and nonlactating females. Animal Behaviour, 2008, 75, 217-227.	1.9	89
14	Feedback effects of chronic browsing on life-history traits of a large herbivore. Journal of Animal Ecology, 2008, 77, 678-686.	2.8	88
15	Integrative use of spatial, genetic, and demographic analyses for investigating genetic connectivity between migratory, montane, and sedentary caribou herds. Molecular Ecology, 2007, 16, 4223-4240.	3.9	84
16	Father-offspring phenotypic correlations suggest intralocus sexual conflict for a fitness-linked trait in a wild sexually dimorphic mammal. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4067-4075.	2.6	78
17	Variation in Calf Body Mass in Migratory Caribou: The Role of Habitat, Climate, and Movements. Journal of Mammalogy, 2009, 90, 442-452.	1.3	76
18	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31969-31978.	7.1	69

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19	Management of forest regeneration in boreal and temperate deerâ€“forest systems: challenges, guidelines, and research gaps. <i>Ecosphere</i> , 2016, 7, e01488.	2.2	68
20	Offspring sex ratio in relation to maternal age and social rank in mountain goats (<i>Oreamnos</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.4	67
21	Shifting targets in the tundra: Protection of migratory caribou calving grounds must account for spatial changes over time. <i>Biological Conservation</i> , 2012, 147, 163-173.	4.1	59
22	Is hunting an effective tool to control overabundant deer? A test using an experimental approach. <i>Journal of Wildlife Management</i> , 2013, 77, 254-269.	1.8	54
23	Quantification and Accuracy of Activity Data Measured with VHF and GPS Telemetry. <i>Wildlife Society Bulletin</i> , 2006, 34, 81-92.	1.6	52
24	The Effects of Decreasing Winter Diet Quality on Foraging Behavior and Life-History Traits of White-Tailed Deer Fawns. <i>Journal of Wildlife Management</i> , 2006, 70, 1445-1454.	1.8	51
25	Mating tactics and mate choice in relation to age and social rank in male mountain goats. <i>Journal of Mammalogy</i> , 2008, 89, 626-635.	1.3	51
26	Influence of Density and Climate on Population Dynamics of a Large Herbivore Under Harsh Environmental Conditions. <i>Journal of Wildlife Management</i> , 2010, 74, 1671-1685.	1.8	51
27	Horn Growth in Mountain Goats (<i>Oreamnos americanus</i>). <i>Journal of Mammalogy</i> , 1998, 79, 406-414.	1.3	50
28	Foraging decisions in a capital breeder: trade-offs between mass gain and lactation. <i>Oecologia</i> , 2009, 161, 421-432.	2.0	45
29	Body Size Variations in Caribou Ecotypes and Relationships With Demography. <i>Journal of Wildlife Management</i> , 2010, 74, 395-404.	1.8	45
30	Longâ€“term studies of bighorn sheep and mountain goats reveal fitness costs of reproduction. <i>Journal of Animal Ecology</i> , 2019, 88, 1118-1133.	2.8	45
31	Winter Forage Selection in White-Tailed Deer at High Density: Balsam Fir is the Best of a Bad Choice. <i>Journal of Wildlife Management</i> , 2007, 71, 911-914.	1.8	44
32	Body-condition dynamics in a northern ungulate gaining fat in winter. <i>Canadian Journal of Zoology</i> , 2009, 87, 367-378.	1.0	44
33	Predation risk and mountain goat reproduction: Evidence for stressâ€“induced breeding suppression in a wild ungulate. <i>Functional Ecology</i> , 2020, 34, 1003-1014.	3.6	43
34	Nitrogen allocation to offspring and milk production in a capital breeder. <i>Ecology</i> , 2013, 94, 1815-1827.	3.2	41
35	Linking habitat heterogeneity to space use by large herbivores at multiple scales: From habitat mosaics to forest canopy openings. <i>Forest Ecology and Management</i> , 2012, 285, 67-76.	3.2	38
36	Detecting changes in the annual movements of terrestrial migratory species: using the first-passage time to document the spring migration of caribou. <i>Movement Ecology</i> , 2014, 2, 19.	2.8	36

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37	Maternal effects on post-weaning physical and social development in juvenile mountain goats (<i>Oreamnos americanus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 237-246.	1.4	33
38	Integrating ecological and genetic structure to define management units for caribou in Eastern Canada. <i>Conservation Genetics</i> , 2016, 17, 437-453.	1.5	33
39	Influences of habitat composition, plant phenology, and population density on autumn indices of body condition in a northern white-tailed deer population. <i>Wildlife Monographs</i> , 2014, 187, 1-28.	3.0	32
40	Spatial extent of neighboring plants influences the strength of associational effects on mammal herbivory. <i>Ecosphere</i> , 2016, 7, e01371.	2.2	32
41	Experimental warming alters migratory caribou forage quality. <i>Ecological Applications</i> , 2017, 27, 2061-2073.	3.8	31
42	IMMOBILIZATION OF MOUNTAIN GOATS WITH XYLAZINE AND REVERSAL WITH IDAZOXAN. <i>Journal of Wildlife Diseases</i> , 1998, 34, 342-347.	0.8	30
43	Variation in body condition of migratory caribou at calving and weaning: Which measures should we use?. <i>Ecoscience</i> , 2011, 18, 295-303.	1.4	30
44	Aerial Surveys Vs Hunting Statistics To Monitor Deer Density: The Example Of Anticosti Island, QuÃbec, Canada. <i>Wildlife Biology</i> , 2007, 13, 321-327.	1.4	29
45	Linking conception and weaning success with environmental variation and female body condition in a northern ungulate. <i>Journal of Mammalogy</i> , 2014, 95, 311-327.	1.3	29
46	Negative densityâdependent dispersal in the American black bear (<i>Ursus americanus</i>) revealed by noninvasive sampling and genotyping. <i>Ecology and Evolution</i> , 2012, 2, 525-537.	1.9	28
47	Faecal metabolites and hair cortisol as biological markers of HPA-axis activity in the Rocky mountain goat. <i>General and Comparative Endocrinology</i> , 2019, 280, 147-157.	1.8	28
48	Methodology matters when estimating deer abundance: a global systematic review and recommendations for improvements. <i>Journal of Wildlife Management</i> , 2022, 86, .	1.8	25
49	Do mountain goats habituate to helicopter disturbance?. <i>Journal of Wildlife Management</i> , 2013, 77, 1244-1244.	1.8	24
50	Structuring Effects of Deer in Boreal Forest Ecosystems. <i>Advances in Ecology</i> , 2014, 2014, 1-10.	0.5	24
51	Mating Group Size and Stability in Reindeer <i>Rangifer tarandus</i> : The Effects of Male Characteristics, Sex Ratio and Male Age Structure. <i>Ethology</i> , 2012, 118, 783-792.	1.1	23
52	Are faecal hormone levels linked to winter progression, diet quality and social rank in young ungulates ? An experiment with white-tailed deer (<i>Odocoileus virginianus</i>) fawns. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1591-1600.	1.4	22
53	Influence of Early Reproductive Success on Longevity and Late Reproductive Success in an Alpine Ungulate. <i>American Naturalist</i> , 2017, 189, 667-683.	2.1	22
54	Contributions of digestive plasticity to the ability of white-tailed deer to cope with a low-quality diet. <i>Journal of Mammalogy</i> , 2016, 97, 1406-1413.	1.3	20

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55	Tradeoff between offspring mass and subsequent reproduction in a highly iteroparous mammal. <i>Oikos</i> , 2011, 120, 690-695.	2.7	19
56	Detecting collective behaviour in animal relocation data, with application to migrating caribou. <i>Methods in Ecology and Evolution</i> , 2016, 7, 30-41.	5.2	18
57	Linking alternative food sources to winter habitat selection of herbivores in overbrowsed landscapes. <i>Journal of Wildlife Management</i> , 2012, 76, 544-556.	1.8	17
58	Winter severity modulates the benefits of using a habitat temporally uncoupled from browsing. <i>Ecosphere</i> , 2016, 7, e01432.	2.2	16
59	Offspring sex in mountain goat varies with adult sex ratio but only for mothers in good condition. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 123-132.	1.4	16
60	Getting ready for the winter: Timing and determinants of molt in an alpine ungulate. <i>Ecology and Evolution</i> , 2019, 9, 2920-2932.	1.9	16
61	Long-term changes in the primary productivity of migratory caribou (<i>Rangifer tarandus</i>) calving grounds and summer pasture on the Quebec-Labrador Peninsula (Northeastern Canada): the mixed influences of climate change and caribou herbivory. <i>Polar Biology</i> , 2019, 42, 1005-1023.	1.2	15
62	Spatial correlations between browsing on balsam fir by white-tailed deer and the nutritional value of neighboring winter forage. <i>Ecology and Evolution</i> , 2018, 8, 2812-2823.	1.9	14
63	Absence of founder effect and evidence for adaptive divergence in a recently introduced insular population of white-tailed deer (<i>Odocoileus virginianus</i>). <i>Molecular Ecology</i> , 2020, 29, 86-104.	3.9	14
64	Forage-mediated density and climate effects on body mass in a temperate herbivore: a mechanistic approach. <i>Ecology</i> , 2014, 95, 1332-1340.	3.2	13
65	Coping with strong variations in winter severity: plastic habitat selection of deer at high density. <i>Behavioral Ecology</i> , 2017, 28, 1037-1046.	2.2	12
66	Experimental influence of population density and vegetation biomass on the movements and activity budget of a large herbivore. <i>Behaviour</i> , 2008, 145, 1167-1194.	0.8	10
67	Forage diversity, type and abundance influence winter resource selection by white-tailed deer. <i>Journal of Vegetation Science</i> , 2018, 29, 619-628.	2.2	10
68	Tolerance of an Expanding Subarctic Shrub, <i>Betula glandulosa</i> , to Simulated Caribou Browsing. <i>PLoS ONE</i> , 2012, 7, e51940.	2.5	9
69	No evidence of inbreeding depression in fast declining herds of migratory caribou. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1368-1381.	1.7	9
70	A Review of Ungulate Impacts on the Success of Climate-Adapted Forest Management Strategies. <i>Current Forestry Reports</i> , 2021, 7, 305-320.	7.4	9
71	Revisiting the role of migratory caribou in the control of shrub expansion in northern Nunavik (Quebec, Canada). <i>Polar Biology</i> , 2018, 41, 1845-1853.	1.2	8
72	Intraspecific variation in nutritional traits of neighbouring plants generates a continuum of associational effects. <i>Journal of Vegetation Science</i> , 2020, 31, 920-933.	2.2	7

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73	Caribou and reindeer migrations in the changing Arctic. <i>Animal Migration</i> , 2021, 8, 156-167.	1.0	7
74	Large herbivores trigger spatiotemporal changes in forest plant diversity. <i>Ecology</i> , 2022, 103, e3739.	3.2	7
75	Maternal longevity and offspring sex in wild ungulates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20181968.	2.6	6
76	Heritability Estimates of Antler and Body Traits in White-Tailed Deer (<i>Odocoileus virginianus</i>) From Genomic-Relatedness Matrices. <i>Journal of Heredity</i> , 2020, 111, 429-435.	2.4	6
77	Adult survival in migratory caribou is negatively associated with MHC functional diversity. <i>Heredity</i> , 2020, 125, 290-303.	2.6	5
78	Isotopic Differences between Forage Consumed by a Large Herbivore in Open, Closed, and Coastal Habitats: New Evidence from a Boreal Study System. <i>PLoS ONE</i> , 2015, 10, e0142781.	2.5	4
79	Costs and benefits of post-weaning associations in mountain goats. <i>Behaviour</i> , 2018, 155, 295-326.	0.8	3
80	Simulated caribou browsing limits the effect of nutrient addition on the growth of <i>Betula glandulosa</i>, an expanding shrub species in Eastern Canada. <i>Journal of Ecology</i> , 2018, 106, 1256-1265.	4.0	3
81	Combined effects of simulated browsing, warming and nutrient addition on forage availability for migratory caribou in Nunavik, Canada. <i>Polar Biology</i> , 2019, 42, 1561-1570.	1.2	3
82	Effects of population density on static allometry between horn length and body mass in mountain ungulates. <i>Oikos</i> , 2021, 130, 2161.	2.7	0