

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

117453

34
h-index

85405

71
g-index

85
all docs

85
docs citations

85
times ranked

4567
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Methodology matters when estimating deer abundance: a global systematic review and recommendations for improvements. <i>Journal of Wildlife Management</i> , 2022, 86, . | 0.7 | 25 |
| 2 | Large herbivores trigger spatiotemporal changes in forest plant diversity. <i>Ecology</i> , 2022, 103, e3739. | 1.5 | 7 |
| 3 | Effects of population density on static allometry between horn length and body mass in mountain ungulates. <i>Oikos</i> , 2021, 130, 2161. | 1.2 | 0 |
| 4 | A Review of Ungulate Impacts on the Success of Climate-Adapted Forest Management Strategies. <i>Current Forestry Reports</i> , 2021, 7, 305-320. | 3.4 | 9 |
| 5 | Caribou and reindeer migrations in the changing Arctic. <i>Animal Migration</i> , 2021, 8, 156-167. | 1.1 | 7 |
| 6 | Predation risk and mountain goat reproduction: Evidence for stress-induced breeding suppression in a wild ungulate. <i>Functional Ecology</i> , 2020, 34, 1003-1014. | 1.7 | 43 |
| 7 | 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. | 2.0 | 14 |
| 8 | 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. | 1.0 | 6 |
| 9 | Adult survival in migratory caribou is negatively associated with MHC functional diversity. <i>Heredity</i> , 2020, 125, 290-303. | 1.2 | 5 |
| 10 | Intraspecific variation in nutritional traits of neighbouring plants generates a continuum of associational effects. <i>Journal of Vegetation Science</i> , 2020, 31, 920-933. | 1.1 | 7 |
| 11 | Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31969-31978. | 3.3 | 69 |
| 12 | 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. | 0.5 | 3 |
| 13 | No evidence of inbreeding depression in fast declining herds of migratory caribou. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1368-1381. | 0.8 | 9 |
| 14 | Long-term studies of bighorn sheep and mountain goats reveal fitness costs of reproduction. <i>Journal of Animal Ecology</i> , 2019, 88, 1118-1133. | 1.3 | 45 |
| 15 | 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. | 0.8 | 28 |
| 16 | Getting ready for the winter: Timing and determinants of molt in an alpine ungulate. <i>Ecology and Evolution</i> , 2019, 9, 2920-2932. | 0.8 | 16 |
| 17 | Maternal longevity and offspring sex in wild ungulates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20181968. | 1.2 | 6 |
| 18 | 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. | 0.5 | 15 |

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|----|---|-----|-----------|
| 19 | 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. | 0.8 | 14 |
| 20 | Costs and benefits of post-weaning associations in mountain goats. <i>Behaviour</i> , 2018, 155, 295-326. | 0.4 | 3 |
| 21 | 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. | 1.9 | 3 |
| 22 | Forage diversity, type and abundance influence winter resource selection by white-tailed deer. <i>Journal of Vegetation Science</i> , 2018, 29, 619-628. | 1.1 | 10 |
| 23 | 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. | 0.5 | 8 |
| 24 | Influence of Early Reproductive Success on Longevity and Late Reproductive Success in an Alpine Ungulate. <i>American Naturalist</i> , 2017, 189, 667-683. | 1.0 | 22 |
| 25 | Experimental warming alters migratory caribou forage quality. <i>Ecological Applications</i> , 2017, 27, 2061-2073. | 1.8 | 31 |
| 26 | Coping with strong variations in winter severity: plastic habitat selection of deer at high density. <i>Behavioral Ecology</i> , 2017, 28, 1037-1046. | 1.0 | 12 |
| 27 | Detecting collective behaviour in animal relocation data, with application to migrating caribou. <i>Methods in Ecology and Evolution</i> , 2016, 7, 30-41. | 2.2 | 18 |
| 28 | Spatial extent of neighboring plants influences the strength of associational effects on mammal herbivory. <i>Ecosphere</i> , 2016, 7, e01371. | 1.0 | 32 |
| 29 | Management of forest regeneration in boreal and temperate deer forest systems: challenges, guidelines, and research gaps. <i>Ecosphere</i> , 2016, 7, e01488. | 1.0 | 68 |
| 30 | Winter severity modulates the benefits of using a habitat temporally uncoupled from browsing. <i>Ecosphere</i> , 2016, 7, e01432. | 1.0 | 16 |
| 31 | 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. | 0.6 | 20 |
| 32 | 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. | 0.6 | 16 |
| 33 | Integrating ecological and genetic structure to define management units for caribou in Eastern Canada. <i>Conservation Genetics</i> , 2016, 17, 437-453. | 0.8 | 33 |
| 34 | 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. | 1.1 | 4 |
| 35 | Structuring Effects of Deer in Boreal Forest Ecosystems. <i>Advances in Ecology</i> , 2014, 2014, 1-10. | 0.5 | 24 |
| 36 | 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. | 2.0 | 32 |

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|----|---|-----|-----------|
| 37 | 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. | 1.3 | 36 |
| 38 | 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. | 0.6 | 29 |
| 39 | Forage-mediated density and climate effects on body mass in a temperate herbivore: a mechanistic approach. <i>Ecology</i> , 2014, 95, 1332-1340. | 1.5 | 13 |
| 40 | Do mountain goats habituate to helicopter disturbance?. <i>Journal of Wildlife Management</i> , 2013, 77, 1244-1244. | 0.7 | 24 |
| 41 | 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. | 0.7 | 54 |
| 42 | A large herbivore triggers alternative successional trajectories in the boreal forest. <i>Ecology</i> , 2013, 94, 2852-2860. | 1.5 | 90 |
| 43 | Nitrogen allocation to offspring and milk production in a capital breeder. <i>Ecology</i> , 2013, 94, 1815-1827. | 1.5 | 41 |
| 44 | 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. | 1.4 | 38 |
| 45 | 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. | 1.9 | 59 |
| 46 | Tolerance of an Expanding Subarctic Shrub, <i>Betula glandulosa</i> , to Simulated Caribou Browsing. <i>PLoS ONE</i> , 2012, 7, e51940. | 1.1 | 9 |
| 47 | Linking alternative food sources to winter habitat selection of herbivores in overbrowsed landscapes. <i>Journal of Wildlife Management</i> , 2012, 76, 544-556. | 0.7 | 17 |
| 48 | Negative density-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. | 0.8 | 28 |
| 49 | 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. | 0.5 | 23 |
| 50 | Variation in body condition of migratory caribou at calving and weaning: Which measures should we use?. <i>Ecoscience</i> , 2011, 18, 295-303. | 0.6 | 30 |
| 51 | Tradeoff between offspring mass and subsequent reproduction in a highly iteroparous mammal. <i>Oikos</i> , 2011, 120, 690-695. | 1.2 | 19 |
| 52 | Body Size Variations in Caribou Ecotypes and Relationships With Demography. <i>Journal of Wildlife Management</i> , 2010, 74, 395-404. | 0.7 | 45 |
| 53 | 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. | 0.7 | 51 |
| 54 | Maternal characteristics and environment affect the costs of reproduction in female mountain goats. <i>Ecology</i> , 2010, 91, 2034-2043. | 1.5 | 92 |

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|----|--|-----|-----------|
| 55 | Body-condition dynamics in a northern ungulate gaining fat in winter. <i>Canadian Journal of Zoology</i> , 2009, 87, 367-378. | 0.4 | 44 |
| 56 | Father's offspring phenotypic correlations suggest intralocus sexual conflict for a fitness-linked trait in a wild sexually dimorphic mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4067-4075. | 1.2 | 78 |
| 57 | Foraging decisions in a capital breeder: trade-offs between mass gain and lactation. <i>Oecologia</i> , 2009, 161, 421-432. | 0.9 | 45 |
| 58 | Individual variation in reproductive costs of reproduction: high-quality females always do better. <i>Journal of Animal Ecology</i> , 2009, 78, 143-151. | 1.3 | 213 |
| 59 | Spring Normalized Difference Vegetation Index (NDVI) predicts annual variation in timing of peak faecal crude protein in mountain ungulates. <i>Journal of Applied Ecology</i> , 2009, 46, 582-589. | 1.9 | 175 |
| 60 | Variation in Calf Body Mass in Migratory Caribou: The Role of Habitat, Climate, and Movements. <i>Journal of Mammalogy</i> , 2009, 90, 442-452. | 0.6 | 76 |
| 61 | 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. | 0.6 | 22 |
| 62 | Feedback effects of chronic browsing on life-history traits of a large herbivore. <i>Journal of Animal Ecology</i> , 2008, 77, 678-686. | 1.3 | 88 |
| 63 | Trade-offs in activity budget in an alpine ungulate: contrasting lactating and nonlactating females. <i>Animal Behaviour</i> , 2008, 75, 217-227. | 0.8 | 89 |
| 64 | 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. | 0.6 | 51 |
| 65 | 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. | 0.4 | 10 |
| 66 | EARLY ONSET OF VEGETATION GROWTH VS. RAPID GREEN-UP: IMPACTS ON JUVENILE MOUNTAIN UNGULATES. <i>Ecology</i> , 2007, 88, 381-390. | 1.5 | 248 |
| 67 | Aerial Surveys Vs Hunting Statistics To Monitor Deer Density: The Example Of Anticosti Island, Québec, Canada. <i>Wildlife Biology</i> , 2007, 13, 321-327. | 0.6 | 29 |
| 68 | Integrative use of spatial, genetic, and demographic analyses for investigating genetic connectivity between migratory, montane, and sedentary caribou herds. <i>Molecular Ecology</i> , 2007, 16, 4223-4240. | 2.0 | 84 |
| 69 | 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. | 0.7 | 44 |
| 70 | Quantification and Accuracy of Activity Data Measured with VHF and GPS Telemetry. <i>Wildlife Society Bulletin</i> , 2006, 34, 81-92. | 1.6 | 52 |
| 71 | 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. | 0.7 | 51 |
| 72 | 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. | 0.6 | 33 |

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|----|---|-----|-----------|
| 73 | Long-term decline in white-tailed deer browse supply: can lichens and litterfall act as alternative food sources that preclude density-dependent feedbacks. <i>Canadian Journal of Zoology</i> , 2005, 83, 1087-1096. | 0.4 | 93 |
| 74 | Ecological Impacts of Deer Overabundance. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2004, 35, 113-147. | 3.8 | 1,557 |
| 75 | Variable age structure and apparent density dependence in survival of adult ungulates. <i>Journal of Animal Ecology</i> , 2003, 72, 640-649. | 1.3 | 166 |
| 76 | Offspring sex ratio in relation to maternal age and social rank in mountain goats (<i>Oreamnos</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622</i> | 0.6 | 67 |
| 77 | Birthdate, mass and survival in mountain goat kids: effects of maternal characteristics and forage quality. <i>Oecologia</i> , 2001, 127, 230-238. | 0.9 | 217 |
| 78 | Reproductive success in female mountain goats: the influence of age and social rank. <i>Animal Behaviour</i> , 2001, 62, 173-181. | 0.8 | 161 |
| 79 | DOMINANCE HIERARCHIES IN FEMALE MOUNTAIN GOATS: STABILITY, AGGRESSIVENESS AND DETERMINANTS OF RANK. <i>Behaviour</i> , 2000, 137, 1541-1566. | 0.4 | 138 |
| 80 | Horn Growth in Mountain Goats (<i>Oreamnos americanus</i>). <i>Journal of Mammalogy</i> , 1998, 79, 406-414. | 0.6 | 50 |
| 81 | Life-History Effects of Chemical Immobilization and Radiocollars on Mountain Goats. <i>Journal of Wildlife Management</i> , 1998, 62, 745. | 0.7 | 94 |
| 82 | IMMOBILIZATION OF MOUNTAIN GOATS WITH XYLAZINE AND REVERSAL WITH IDAZOXAN. <i>Journal of Wildlife Diseases</i> , 1998, 34, 342-347. | 0.3 | 30 |