Stan A Boutin

List of Publications by Year
in descending order

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344	20,488	9264	17592
papers	citations	74 h-index	121 g-index

363	363	363	12329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	REVIEW: Wildlife camera trapping: a review and recommendations for linking surveys to ecological processes. Journal of Applied Ecology, 2015, 52, 675-685.	4.0	791
2	Food supplementation experiments with terrestrial vertebrates: patterns, problems, and the future. Canadian Journal of Zoology, 1990, 68, 203-220.	1.0	755
3	Impact of Food and Predation on the Snowshoe Hare Cycle. Science, 1995, 269, 1112-1115.	12.6	606
4	Genetic and plastic responses of a northern mammal to climate change. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 591-596.	2.6	383
5	Density Triggers Maternal Hormones That Increase Adaptive Offspring Growth in a Wild Mammal. Science, 2013, 340, 1215-1217.	12.6	336
6	Conservation of caribou (Rangifer tarandus) in Canada: an uncertain future¹This review is part of the virtual symposium â€œFlagship Speciesâ€‰â€“â€‰Flagship Problemsâ€•that deals with ecology, biodiversity and management issues, and climate impacts on species at risk and of Canadian importance, including the polar bear (Ursus maritimus), Atlantic cod (Gadus morhua), Piping Plover (Charadrius melodus), and caribou (Rangifer tarandus).. Canadian Journal of Zoology, 2011, 89, 419-434.	1.0	326
7	What Drives the 10-year Cycle of Snowshoe Hares?. BioScience, 2001, 51, 25.	4.9	308
8	Avoidance of Industrial Development by Woodland Caribou. Journal of Wildlife Management, 2001, 65, 531.	1.8	283
9	Quantitative review of riparian buffer width guidelines from Canada and the United States. Journal of Environmental Management, 2004, 70, 165-180.	7.8	276
10	Impacts of Chronic Anthropogenic Noise from Energyâ€Sector Activity on Abundance of Songbirds in the Boreal Forest. Conservation Biology, 2008, 22, 1186-1193.	4.7	253
11	The interaction between personality, offspring fitness and food abundance in North American red squirrels. Ecology Letters, 2007, 10, 1094-1104.	6.4	231
12	Chronic industrial noise affects pairing success and age structure of ovenbirds Seiurus aurocapilla. Journal of Applied Ecology, 2006, 44, 176-184.	4.0	225
13	Common Dynamic Structure of Canada Lynx Populations Within Three Climatic Regions. Science, 1999, 285, 1071-1073.	12.6	218
14	Anticipatory Reproduction and Population Growth in Seed Predators. Science, 2006, 314, 1928-1930.	12.6	214
15	Movements, Survival, and Settlement of Red Squirrel (Tamiasciurus Hudsonicus) Offspring. Ecology, 1994, 75, 214-223.	3.2	211
16	Personality, habitat use, and their consequences for survival in North American red squirrels Tamiasciurus hudsonicus. Oikos, 2008, 117, 1321-1328.	2.7	210
17	Numerical Responses of Coyotes and Lynx to the Snowshoe Hare Cycle. Oikos, 1997, 80, 150.	2.7	208
18	Keeping Pace with Fast Climate Change: Can Arctic Life Count on Evolution?. Integrative and Comparative Biology, 2004, 44, 140-151.	2.0	207

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19	Quantifying barrier effects of roads and seismic lines on movements of female woodland caribou in northeastern Alberta. Canadian Journal of Zoology, 2002, 80, 839-845.	1.0	206
20	Faster and farther: wolf movement on linear features and implications for hunting behaviour. Journal of Applied Ecology, 2017, 54, 253-263.	4.0	203
21	Movement responses by wolves to industrial linear features and their effect on woodland caribou in northeastern Alberta. , 2011, 21, 2854-2865.		194
22	Invading whiteâ€tailed deer change wolfâ€“caribou dynamics in northeastern Alberta. Journal of Wildlife Management, 2011, 75, 204-212.	1.8	185
23	Population Changes of the Vertebrate Community during a Snowshoe Hare Cycle in Canada's Boreal Forest. Oikos, 1995, 74, 69.	2.7	177
24	Persistence and developmental transition of wide seismic lines in the western Boreal Plains of Canada. Journal of Environmental Management, 2006, 78, 240-250.	7.8	168
25	From patterns to processes: Phase and density dependencies in the Canadian lynx cycle. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15430-15435.	7.1	154
26	Dynamic wildlife habitat models: Seasonal foods and mortality risk predict occupancy-abundance and habitat selection in grizzly bears. Biological Conservation, 2010, 143, 1623-1634.	4.1	152
27	Population Biology of Snowshoe Hares. I. Demography of Food-Supplemented Populations in the Southern Yukon, 1976-84. Journal of Animal Ecology, 1986, 55, 963.	2.8	150
28	SPATIAL SEPARATION OF CARIBOU FROM MOOSE AND ITS RELATION TO PREDATION BY WOLVES. Journal of Wildlife Management, 2004, 68, 799-809.	1.8	149
29	Seasonal, spatial, and maternal effects on gut microbiome in wild red squirrels. Microbiome, 2017, 5, 163.	11.1	148
30	Can the Solar Cycle and Climate Synchronize the Snowshoe Hare Cycle in Canada? Evidence from Tree Rings and Ice Cores. American Naturalist, 1993, 141, 173-198.	2.1	145
31	Declines in Populations of Woodland Caribou. Journal of Wildlife Management, 2003, 67, 755.	1.8	142
32	Climate change and mammals: evolutionary versus plastic responses. Evolutionary Applications, 2014, 7, 29-41.	3.1	138
33	Localâ€scale synchrony and variability in mast seed production patterns ofPicea glauca. Journal of Ecology, 2007, 95, 991-1000.	4.0	134
34	BREEDING DISPERSAL IN FEMALE NORTH AMERICAN RED SQUIRRELS. Ecology, 2000, 81, 1311-1326.	3.2	130
35	Life histories of female red squirrels and their contributions to population growth and lifetime fitness. Ecoscience, 2007, 14, 362.	1.4	130
36	Woodland Caribou Relative to Landscape Patterns in Northeastern Alberta. Journal of Wildlife Management, 1997, 61, 622.	1.8	127

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37	Managing the Cumulative Impacts of Land Uses in the Western Canadian Sedimentary Basin: A Modeling Approach. Ecology and Society, 2003, 7, .	0.9	124
38	FUNCTIONAL RESPONSES OF COYOTES AND LYNX TO THE SNOWSHOE HARE CYCLE. Ecology, 1998, 79, 1193-1208.	3.2	121
39	MATERNAL EFFECTS AND THE POTENTIAL FOR EVOLUTION IN A NATURAL POPULATION OF ANIMALS. Evolution; International Journal of Organic Evolution, 2002, 56, 846-851.	2.3	121
40	Determining Sustainable Levels of Cumulative Effects for Boreal Caribou. Journal of Wildlife Management, 2008, 72, 900-905.	1.8	121
41	Ecological and genetic spatial structuring in the Canadian lynx. Nature, 2003, 425, 69-72.	27.8	115
42	Widespread declines in woodland caribou (Rangifer tarandus caribou) continue in Alberta. Canadian Journal of Zoology, 2013, 91, 872-882.	1.0	113
43	Fecal cortisol metabolite levels in free-ranging North American red squirrels: Assay validation and the effects of reproductive condition. General and Comparative Endocrinology, 2010, 167, 279-286.	1.8	110
44	Estimating snowshoe hare population density from pellet plots: a further evaluation. Canadian Journal of Zoology, 2001, 79, 1-4.	1.0	109
45	Functional Responses of Coyotes and Lynx to the Snowshoe Hare Cycle. Ecology, 1998, 79, 1193.	3.2	108
46	Empirical models of forest fire initial attack success probabilities: the effects of fuels, anthropogenic linear features, fire weather, and management. Canadian Journal of Forest Research, 2006, 36, 3155-3166.	1.7	108
47	Hunting behaviour of a sympatric felid and canid in relation to vegetative cover. Animal Behaviour, 1995, 50, 1203-1210.	1.9	107
48	The functional response of a hoarding seed predator to mast seeding. Ecology, 2010, 91, 2673-2683.	3.2	102
49	Associations between overâ€winter survival and resting metabolic rate in juvenile North American red squirrels. Functional Ecology, 2010, 24, 597-607.	3.6	102
50	Nowhere to hide: Effects of linear features on predatorâ€“prey dynamics in a large mammal system. Journal of Animal Ecology, 2018, 87, 274-284.	2.8	102
51	Cohort effects in red squirrels: the influence of density, food abundance and temperature on future survival and reproductive success. Journal of Animal Ecology, 2008, 77, 305-314.	2.8	100
52	Triage for conserving populations of threatened species: The case of woodland caribou in Alberta. Biological Conservation, 2010, 143, 1603-1611.	4.1	100
53	Expenditure freeze: the metabolic response of small mammals to cold environments. Ecology Letters, 2005, 8, 1326-1333.	6.4	99
54	Managing wolves (Canis lupus) to recover threatened woodland caribou (Rangifer tarandus caribou) in Alberta. Canadian Journal of Zoology, 2014, 92, 1029-1037.	1.0	98

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55	Forbidden fruit: human settlement and abundant fruit create an ecological trap for an apex omnivore. Journal of Animal Ecology, 2017, 86, 55-65.	2.8	98
56	The influence of snow on lynx and coyote movements: does morphology affect behavior?. Oecologia, 1991, 88, 463-469.	2.0	97
57	Indices for monitoring biodiversity change: Are some more effective than others?. Ecological Indicators, 2009, 9, 432-444.	6.3	97
58	Behavioural Responses of Coyotes and Lynx to the Snowshoe Hare Cycle. Oikos, 1998, 82, 169.	2.7	96
59	Saving endangered species using adaptive management. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6181-6186.	7.1	95
60	Testing hypotheses of trophic level interactions: a boreal forest ecosystem. Oikos, 2000, 89, 313-328.	2.7	94
61	THE DETERMINANTS OF OPTIMAL LITTER SIZE IN FREE-RANGING RED SQUIRRELS. Ecology, 2000, 81, 2867-2877.	3.2	94
62	Relating predation mortality to broad-scale habitat selection. Journal of Animal Ecology, 2005, 74, 701-707.	2.8	94
63	The influence of clear-cut logging and residual leave material on small mammal populations in aspen-dominated boreal mixedwoods. Canadian Journal of Forest Research, 2001, 31, 483-495.	1.7	93
64	LIFETIME SELECTION ON HERITABLE LIFE-HISTORY TRAITS IN A NATURAL POPULATION OF RED SQUIRRELS. Evolution; International Journal of Organic Evolution, 2003, 57, 2416-2423.	2.3	93
65	Ageâ€specific variation in survival, reproductive success and offspring quality in red squirrels: evidence of senescence. Oikos, 2008, 117, 1406-1416.	2.7	91
66	Estimation of snowshoe hare population density from turd transects. Canadian Journal of Zoology, 1987, 65, 565-567.	1.0	90
67	Population Biology of Snowshoe Hares. III. Nutrition, Plant Secondary Compounds and Food Limitation. Journal of Animal Ecology, 1988, 57, 787.	2.8	88
68	Abundance and species composition of amphibians, small mammals, and songbirds in riparian forest buffer strips of varying widths in the boreal mixedwood of Alberta. Canadian Journal of Forest Research, 2002, 32, 1784-1800.	1.7	88
69	Climate change is the primary driver of whiteâ€tailed deer (Odocoileus virginianus) range expansion at the northern extent of its range; land use is secondary. Ecology and Evolution, 2016, 6, 6435-6451.	1.9	87
70	Wolves, whiteâ€tailed deer, and beaver: implications of seasonal prey switching for woodland caribou declines. Ecography, 2013, 36, 1276-1290.	4.5	86
71	VARIATION IN VIABILITY SELECTION AMONG COHORTS OF JUVENILE RED SQUIRRELS (TAMIASCIURUS) Tj ETQq1 1 0.784314 rgBT /O	2.3	84
72	Low heritabilities, but genetic and maternal correlations between red squirrel behaviours. Journal of Evolutionary Biology, 2012, 25, 614-624.	1.7	83

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73	Inferring parturition and neonate survival from movement patterns of female ungulates: a case study using woodland caribou. Ecology and Evolution, 2013, 3, 4149-4160.	1.9	82
74	Energetic costs of male reproduction in a scramble competition mating system. Journal of Animal Ecology, 2010, 79, 27-34.	2.8	81
75	Animal movement affects interpretation of occupancy models from cameraâ€trap surveys of unmarked animals. Ecosphere, 2018, 9, e02092.	2.2	81
76	Effects of habitat quality and access management on the density of a recovering grizzly bear population. Journal of Applied Ecology, 2018, 55, 1406-1417.	4.0	81
77	Best squirrels trade a long life for an early reproduction. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2369-2374.	2.6	79
78	OXIDATIVE DAMAGE INCREASES WITH REPRODUCTIVE ENERGY EXPENDITURE AND IS REDUCED BY FOOD-SUPPLEMENTATION. Evolution; International Journal of Organic Evolution, 2012, 67, no-no.	2.3	78
79	The effects of NPK fertilization for nine years on boreal forest vegetation in northwestern Canada. Journal of Vegetation Science, 1998, 9, 333-346.	2.2	76
80	Territorial bequeathal by red squirrel mothers. Behavioral Ecology, 1993, 4, 144-150.	2.2	75
81	Ecological insights from three decades of animal movement tracking across a changing Arctic. Science, 2020, 370, 712-715.	12.6	75
82	Survival costs of reproduction vary with age in North American red squirrels. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1129-1135.	2.6	74
83	Predation and Moose Population Dynamics: A Critique. Journal of Wildlife Management, 1992, 56, 116.	1.8	72
84	Winter habitat selection by lynx and coyotes in relation to snowshoe hare abundance. Canadian Journal of Zoology, 1994, 72, 1444-1451.	1.0	72
85	Effect of late winter food addition on numbers and movements of snowshoe hares. Oecologia, 1984, 62, 393-400.	2.0	71
86	Snow conditions may create an invisible barrier for lynx. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10632-10634.	7.1	71
87	Effects of Petroleum Exploration on Woodland Caribou in Northeastern Alberta. Journal of Wildlife Management, 1997, 61, 1127.	1.8	70
88	Why Do the Boreal Forest Ecosystems of Northwestern Europe Differ from Those of Western North America?. BioScience, 2016, 66, 722-734.	4.9	70
89	Predatorâ€mediated Allee effects in multiâ€prey systems. Ecology, 2010, 91, 286-292.	3.2	69
90	Using experimentation to understand the 10â€year snowshoe hare cycle in the boreal forest of North America. Journal of Animal Ecology, 2018, 87, 87-100.	2.8	69

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91	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. Science, 2022, 376, 1012-1016.	12.6	69
92	Does Food Availability affect Growth and Survival of Males and Females Differently in a Promiscuous Small Mammal, Tamiasciurus hudsonicus?. Journal of Animal Ecology, 1993, 62, 364.	2.8	68
93	Effects of food abundance on genetic and maternal variation in the growth rate of juvenile red squirrels. Journal of Evolutionary Biology, 2003, 16, 1249-1256.	1.7	67
94	Developing a population target for an overabundant ungulate for ecosystem restoration. Journal of Applied Ecology, 2011, 48, 935-942.	4.0	67
95	Sexually selected behaviour: red squirrel males search for reproductive success. Journal of Animal Ecology, 2009, 78, 296-304.	2.8	65
96	Behavioral responses of territorial red squirrels to natural and experimental variation in population density. Behavioral Ecology and Sociobiology, 2012, 66, 865-878.	1.4	65
97	Proximate causes of losses in a snowshoe hare population. Canadian Journal of Zoology, 1986, 64, 606-610.	1.0	62
98	Plasma DHEA levels in wild, territorial red squirrels: Seasonal variation and effect of ACTH. General and Comparative Endocrinology, 2008, 158, 61-67.	1.8	62
99	How does diet affect fecal steroid hormone metabolite concentrations? An experimental examination in red squirrels. General and Comparative Endocrinology, 2011, 174, 124-131.	1.8	62
100	Does competition regulate ungulate populations? Further evidence from Serengeti, Tanzania. Oecologia, 1990, 82, 283-288.	2.0	60
101	Persistent maternal effects on juvenile survival in North American red squirrels. Biology Letters, 2007, 3, 289-291.	2.3	60
102	Influence of climate and human land use on the distribution of white-tailed deer (Odocoileus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	60
103	DOES DENSITY REFLECT HABITAT QUALITY FOR NORTH AMERICAN RED SQUIRRELS DURING A SPRUCE-CONE FAILURE?. Journal of Mammalogy, 2002, 83, 716-727.	1.3	59
104	Using Predator-Prey Theory to Predict Outcomes of Broadscale Experiments to Reduce Apparent Competition. American Naturalist, 2015, 185, 665-679.	2.1	59
105	Winter peatland habitat selection by woodland caribou in northeastern Alberta. Canadian Journal of Zoology, 1995, 73, 1567-1574.	1.0	58
106	Female red squirrels fit Williamsâ€™ hypothesis of increasing reproductive effort with increasing age. Journal of Animal Ecology, 2007, 76, 1192-1201.	2.8	58
107	Modeling and field-testing of Ovenbird (Seiurus aurocapillus) responses to boreal forest dissection by energy sector development at multiple spatial scales. Landscape Ecology, 2005, 20, 203-216.	4.2	56
108	Female multiple mating and paternity in free-ranging North American red squirrels. Animal Behaviour, 2008, 75, 1927-1937.	1.9	56

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109	Mushroom crops in relation to weather in the southwestern Yukon. Botany, 2008, 86, 1497-1502.	1.0	55
110	The role of dispersal in the population dynamics of snowshoe hares. Canadian Journal of Zoology, 1985, 63, 106-115.	1.0	54
111	Quantitative methods for defining mastâ€seeding years across species and studies. Journal of Vegetation Science, 2009, 20, 745-753.	2.2	54
112	A framework for adaptive monitoring of the cumulative effects of human footprint on biodiversity. Environmental Monitoring and Assessment, 2014, 186, 3605-3617.	2.7	54
113	Testing predator - prey theory by studying fluctuating populations of small mammals.. Wildlife Research, 1995, 22, 89.	1.4	53
114	Regional boreal biodiversity peaks at intermediate human disturbance. Nature Communications, 2012, 3, 1142.	12.8	53
115	Territory size and ownership in red squirrels: response to removals. Canadian Journal of Zoology, 1986, 64, 1144-1147.	1.0	52
116	Maternal effects and the response to selection in red squirrels. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 75-79.	2.6	52
117	Experimental moose reduction lowers wolf density and stops decline of endangered caribou. PeerJ, 2017, 5, e3736.	2.0	52
118	Reproductive timing and reliance on hoarded capital resources by lactating red squirrels. Oecologia, 2013, 173, 1203-1215.	2.0	51
119	Black bear use of seismic lines in Northern Canada. Journal of Wildlife Management, 2014, 78, 282-292.	1.8	51
120	Demography of barren-ground grizzly bears. Canadian Journal of Zoology, 2003, 81, 294-301.	1.0	50
121	From The Cover: The effect of climatic forcing on population synchrony and genetic structuring of the Canadian lynx. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6056-6061.	7.1	50
122	Potential effects of climate change on ecosystem distribution in Alberta. Canadian Journal of Forest Research, 2009, 39, 1001-1010.	1.7	49
123	Economic and Ecological Outcomes of Flexible Biodiversity Offset Systems. Conservation Biology, 2013, 27, 1313-1323.	4.7	49
124	Power Analysis of Wolf-Moose Functional Responses. Journal of Wildlife Management, 1999, 63, 396.	1.8	47
125	A new method to estimate species and biodiversity intactness using empirically derived reference conditions. Biological Conservation, 2007, 137, 403-414.	4.1	47
126	Energetic implications of disturbance caused by petroleum exploration to woodland caribou. Canadian Journal of Zoology, 1998, 76, 1319-1324.	1.0	46

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127	Genetic relatedness of mates does not predict patterns of parentage in North American red squirrels. Animal Behaviour, 2007, 74, 611-619.	1.9	46
128	Post-breeding dispersal by female red squirrels (Tamiasciurus hudsonicus): the effect of local vacancies. Behavioral Ecology, 1993, 4, 151-155.	2.2	45
129	Does Reproductive Synchrony Affect Juvenile Survival Rates of Northern Mammals?. Oikos, 1995, 74, 115.	2.7	45
130	Reproductive Demands and Mass Gains: A Paradox in Female Red Squirrels (Tamiasciurus hudsonicus). Journal of Animal Ecology, 1996, 65, 332.	2.8	45
131	Population size and major valleys explain microsatellite variation better than taxonomic units for caribou in western Canada. Molecular Ecology, 2012, 21, 2588-2601.	3.9	45
132	Surviving winter: Food, but not habitat structure, prevents crashes in cyclic vole populations. Ecology and Evolution, 2017, 7, 115-124.	1.9	45
133	Exploring territory quality in the North American red squirrel through removal experiments. Canadian Journal of Zoology, 1995, 73, 1115-1122.	1.0	44
134	Why are caribou declining in the oil sands?. Frontiers in Ecology and the Environment, 2012, 10, 65-67.	4.0	44
135	A visual index for estimating cone production for individual white spruce trees. Canadian Journal of Forest Research, 2005, 35, 3020-3026.	1.7	43
136	Very low levels of direct additive genetic variance in fitness and fitness components in a red squirrel population. Ecology and Evolution, 2014, 4, 1729-1738.	1.9	43
137	Light loggers reveal weather-driven changes in the daily activity patterns of arboreal and semifossorial rodents. Journal of Mammalogy, 2014, 95, 1230-1239.	1.3	43
138	Densityâ€dependent space use affects interpretation of camera trap detection rates. Ecology and Evolution, 2019, 9, 14031-14041.	1.9	43
139	Intensity of territorial defense in red squirrels: an experimental test of the asymmetric war of attrition. Behavioral Ecology and Sociobiology, 1990, 27, 217.	1.4	42
140	Effect of Moonlight on Winter Activity of Showshoe Hares. Arctic and Alpine Research, 1991, 23, 61.	1.3	42
141	A new approach to forest biodiversity monitoring in Canada. Forest Ecology and Management, 2009, 258, S168-S175.	3.2	42
142	Climate change increases predation risk for a keystone species of the boreal forest. Nature Climate Change, 2020, 10, 1149-1153.	18.8	42
143	Finding Mammals Using Far-Infrared Thermal Imaging. Journal of Mammalogy, 1994, 75, 1063-1068.	1.3	41
144	Road network density correlated with increased lightning fire incidence in the Canadian western boreal forest. International Journal of Wildland Fire, 2009, 18, 970.	2.4	41

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145	Climatic determinants of white spruce cone crops in the boreal forest of southwestern Yukon. Botany, 2012, 90, 113-119.	1.0	41
146	Reproductive phenology of a food-hoarding mast-seed consumer: resource- and density-dependent benefits of early breeding in red squirrels. Oecologia, 2014, 174, 777-788.	2.0	41
147	Mesocarnivores respond to fine-grain habitat structure in a mosaic landscape comprised by commercial forest plantations in southern Chile. Forest Ecology and Management, 2016, 369, 135-143.	3.2	41
148	Evaluating functional recovery of habitat for threatened woodland caribou. Ecosphere, 2017, 8, e01936.	2.2	41
149	Quantifying fear effects on prey demography in nature. Ecology, 2018, 99, 1716-1723.	3.2	41
150	Adopting kin enhances inclusive fitness in asocial red squirrels. Nature Communications, 2010, 1, 22.	12.8	40
151	Seasonal stage differences overwhelm environmental and individual factors as determinants of energy expenditure in free-ranging red squirrels. Functional Ecology, 2012, 26, 677-687.	3.6	40
152	Linking intraspecific variation in territory size, cone supply, and survival of North American red squirrels. Journal of Mammalogy, 2013, 94, 1048-1058.	1.3	40
153	Multilevel and sexâ€specific selection on competitive traits in North American red squirrels. Evolution; International Journal of Organic Evolution, 2017, 71, 1841-1854.	2.3	39
154	Isolation of 18 polymorphic microsatellite loci from the North American red squirrel, Tamiasciurus hudsonicus (Sciuridae, Rodentia), and their cross-utility in other species. Molecular Ecology Notes, 2005, 5, 650-653.	1.7	38
155	Lichen abundance in the peatlands of northern Alberta: Implications for boreal caribou. Ecoscience, 2006, 13, 469-474.	1.4	38
156	What Is Wrong with Error Polygons?. Journal of Wildlife Management, 1991, 55, 172.	1.8	37
157	Responses to simulated grazing and browsing of vegetation available to caribou in the Arctic. Canadian Journal of Zoology, 1994, 72, 1426-1435.	1.0	37
158	Lynx Recruitment during a Snowshoe Hare Population Peak and Decline in Southwest Yukon. Journal of Wildlife Management, 1996, 60, 441.	1.8	37
159	Genetic diversity and relatedness of boreal caribou populations in western Canada. Biological Conservation, 2004, 118, 593-598.	4.1	37
160	Intraspecific cache pilferage by larder-hoarding red squirrels (Tamiasciurus hudsonicus). Journal of Mammalogy, 2011, 92, 1013-1020.	1.3	37
161	Diurnal Human Activity and Introduced Species Affect Occurrence of Carnivores in a Human-Dominated Landscape. PLoS ONE, 2015, 10, e0137854.	2.5	37
162	A comparison of body condition and reproduction of caribou on two predator-free arctic islands. Canadian Journal of Zoology, 1997, 75, 11-17.	1.0	36

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163	Wildfire effects on home range size and fidelity of boreal caribou in Alberta, Canada. Canadian Journal of Zoology, 2007, 85, 26-32.	1.0	36
164	Communal nesting in an â€˜asocialâ€™ mammal: social thermoregulation among spatially dispersed kin. Behavioral Ecology and Sociobiology, 2013, 67, 757-763.	1.4	35
165	Personality is correlated with natal dispersal in North American red squirrels (Tamiasciurus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.8	35
166	Habitat loss accelerates for the endangered woodland caribou in western Canada. Conservation Science and Practice, 2021, 3, e437.	2.0	35
167	Genetic tagging in the Anthropocene: scaling ecology from alleles to ecosystems. Ecological Applications, 2019, 29, e01876.	3.8	34
168	Attentive red squirrel mothers have faster growing pups and higher lifetime reproductive success. Behavioral Ecology and Sociobiology, 2020, 74, 1.	1.4	34
169	What Drives the Snowshoe Hare Cycle in Canadaâ€™s Yukon?. , 1992, , 886-896.		34
170	Constraints on First Reproduction in North American Red Squirrels. Oikos, 1998, 81, 81.	2.7	33
171	Using GIS to relate small mammal abundance and landscape structure at multiple spatial extents: the northern flying squirrel in Alberta, Canada. Journal of Applied Ecology, 2005, 42, 577-586.	4.0	33
172	Planning forwards: biodiversity research and monitoring systems for better management. Trends in Ecology and Evolution, 2010, 25, 199-200.	8.7	33
173	Impact of climate change on the small mammal community of the Yukon boreal forest. Integrative Zoology, 2019, 14, 528-541.	2.6	33
174	Familiar Neighbors, but Not Relatives, Enhance Fitness in a Territorial Mammal. Current Biology, 2021, 31, 438-445.e3.	3.9	33
175	The Relationship Between Juvenile Survival and Litter Size in Wild Muskrats (Ondatra zibethicus). Journal of Animal Ecology, 1988, 57, 455.	2.8	32
176	Manipulation of intruder pressure in red squirrels (Tamiasciurus hudsonicus): effects on territory size and acquisition. Canadian Journal of Zoology, 1988, 66, 2270-2274.	1.0	32
177	Anticipatory parental care: acquiring resources for offspring prior to conception. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 2081-2085.	2.6	32
178	Should riparian buffers be part of forest management based on emulation of natural disturbance?. Forest Ecology and Management, 2004, 187, 185-196.	3.2	32
179	Ecological factors influencing the spatial pattern of Canada lynx relative to its southern range edge in Alberta, Canada. Canadian Journal of Zoology, 2008, 86, 1189-1197.	1.0	32
180	Synchrony in the snowshoe hare (Lepus americanus) cycle in northwestern North America, 1970â€“2012. Canadian Journal of Zoology, 2013, 91, 562-572.	1.0	32

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