

Rudy Boonstra

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145
papers

7,359
citations

48
h-index

83
g-index

149
ext. papers

8,345
ext. citations

4.2
avg, IF

6.3
L-index

#	Paper	IF	Citations
145	Measuring stress in wildlife: techniques for quantifying glucocorticoids. <i>Oecologia</i> , 2011 , 166, 869-87	2.9	524
144	THE IMPACT OF PREDATOR-INDUCED STRESS ON THE SNOWSHOE HARE CYCLE. <i>Ecological Monographs</i> , 1998 , 68, 371-394	9	380
143	The sensitive hare: sublethal effects of predator stress on reproduction in snowshoe hares. <i>Journal of Animal Ecology</i> , 2009 , 78, 1249-58	4.7	311
142	Reality as the leading cause of stress: rethinking the impact of chronic stress in nature. <i>Functional Ecology</i> , 2013 , 27, 11-23	5.6	299
141	Density triggers maternal hormones that increase adaptive offspring growth in a wild mammal. <i>Science</i> , 2013 , 340, 1215-7	33.3	256
140	Measures of physiological stress: a transparent or opaque window into the status, management and conservation of species? 2014 , 2, cou023		249
139	What Drives the 10-year Cycle of Snowshoe Hares?. <i>BioScience</i> , 2001 , 51, 25	5.7	241
138	Balancing food and predator pressure induces chronic stress in songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271, 2473-9	4.4	231
137	Common dynamic structure of canada lynx populations within three climatic regions. <i>Science</i> , 1999 , 285, 1071-3	33.3	191
136	Evaluating stress in natural populations of vertebrates: total CORT is not good enough. <i>Functional Ecology</i> , 2013 , 27, 24-36	5.6	176
135	The ghosts of predators past: population cycles and the role of maternal programming under fluctuating predation risk. <i>Ecology</i> , 2010 , 91, 2983-94	4.6	175
134	POPULATION CYCLES IN SMALL MAMMALS: THE PROBLEM OF EXPLAINING THE LOW PHASE. <i>Ecology</i> , 1998 , 79, 1479-1488	4.6	144
133	Mating system of the meadow vole, <i>Microtus pennsylvanicus</i> . <i>Behavioral Ecology</i> , 1993 , 4, 83-89	2.3	135
132	EQUIPPED FOR LIFE: THE ADAPTIVE ROLE OF THE STRESS AXIS IN MALE MAMMALS. <i>Journal of Mammalogy</i> , 2005 , 86, 236-247	1.8	131
131	From process to pattern: how fluctuating predation risk impacts the stress axis of snowshoe hares during the 10-year cycle. <i>Oecologia</i> , 2011 , 166, 593-605	2.9	115
130	Assessing stress in animal populations: Do fecal and plasma glucocorticoids tell the same story?. <i>General and Comparative Endocrinology</i> , 2010 , 166, 614-9	3	111
129	Trappability estimates for mark-recapture data. <i>Canadian Journal of Zoology</i> , 1984 , 62, 2440-2444	1.5	110

128	Indirect predator effects on clutch size and the cost of egg production. <i>Ecology Letters</i> , 2010 , 13, 980-8	10	100
127	REPRODUCTION AT ALL COSTS: THE ADAPTIVE STRESS RESPONSE OF MALE ARCTIC GROUND SQUIRRELS. <i>Ecology</i> , 2001 , 82, 1930-1946	4.6	99
126	Coping with changing northern environments: the role of the stress axis in birds and mammals. <i>Integrative and Comparative Biology</i> , 2004 , 44, 95-108	2.8	98
125	Fecal cortisol metabolite levels in free-ranging North American red squirrels: Assay validation and the effects of reproductive condition. <i>General and Comparative Endocrinology</i> , 2010 , 167, 279-86	3	97
124	Estimating snowshoe hare population density from pellet plots: a further evaluation. <i>Canadian Journal of Zoology</i> , 2001 , 79, 1-4	1.5	94
123	Natal nest location and small mammal tracking with a spool and line technique. <i>Canadian Journal of Zoology</i> , 1986 , 64, 1034-1036	1.5	90
122	Seasonal changes in glucocorticoid and testosterone concentrations in free-living arctic ground squirrels from the boreal forest of the Yukon. <i>Canadian Journal of Zoology</i> , 2001 , 79, 49-58	1.5	89
121	The interactive effects of food and predators on reproduction and overwinter survival of arctic ground squirrels. <i>Journal of Animal Ecology</i> , 2000 , 69, 235-247	4.7	80
120	DHEA effects on brain and behavior: insights from comparative studies of aggression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 145, 261-72	5.1	78
119	Population dynamics of red-backed voles (<i>Myodes</i>) in North America. <i>Oecologia</i> , 2012 , 168, 601-20	2.9	64
118	The dilemma of foraging herbivores: dealing with food and fear. <i>Oecologia</i> , 2014 , 176, 677-89	2.9	63
117	Why are Arctic ground squirrels more stressed in the boreal forest than in alpine meadows?. <i>Ecoscience</i> , 2001 , 8, 275-288	1.1	61
116	A fencing experiment on a high-density population of <i>Microtus townsendii</i> . <i>Canadian Journal of Zoology</i> , 1977 , 55, 1166-1175	1.5	59
115	Impact of live trapping on stress profiles of Richardson's ground squirrel (<i>Spermophilus richardsonii</i>). <i>General and Comparative Endocrinology</i> , 2009 , 160, 176-82	3	57
114	Integrating Ecological and Evolutionary Context in the Study of Maternal Stress. <i>Integrative and Comparative Biology</i> , 2017 , 57, 437-449	2.8	56
113	Population limitation of the northern red-backed vole in the boreal forests of northern Canada. <i>Journal of Animal Ecology</i> , 2006 , 75, 1269-84	4.7	56
112	Concurrent density dependence and independence in populations of arctic ground squirrels. <i>Nature</i> , 2000 , 408, 460-3	50.4	56
111	Contrasting stress response of male Arctic ground squirrels and red squirrels 2000 , 286, 390-404		55

110	Regulation of Breeding Density in <i>Microtus pennsylvanicus</i> . <i>Journal of Animal Ecology</i> , 1983 , 52, 757	4.7	55
109	Stress and the microbiome: linking glucocorticoids to bacterial community dynamics in wild red squirrels. <i>Biology Letters</i> , 2016 , 12, 20150875	3.6	54
108	Assessment of the stress response in Columbian ground squirrels: laboratory and field validation of an enzyme immunoassay for fecal cortisol metabolites. <i>Physiological and Biochemical Zoology</i> , 2009 , 82, 291-301	2	53
107	Population Limitation in Arctic Ground Squirrels: Effects of Food and Predation. <i>Journal of Animal Ecology</i> , 1997 , 66, 527	4.7	53
106	Plasma DHEA levels in wild, territorial red squirrels: seasonal variation and effect of ACTH. <i>General and Comparative Endocrinology</i> , 2008 , 158, 61-7	3	53
105	Multiple measures elucidate glucocorticoid responses to environmental variation in predation threat. <i>Oecologia</i> , 2011 , 166, 607-14	2.9	52
104	Maternal effects and additive genetic inheritance in the collared lemming <i>Dicrostonyx groenlandicus</i> . <i>Evolutionary Ecology</i> , 1997 , 11, 169-182	1.8	51
103	Where's my dinner? Adult neurogenesis in free-living food-storing rodents. <i>Genes, Brain and Behavior</i> , 2005 , 4, 89-98	3.6	51
102	From pattern to purpose: how comparative studies contribute to understanding the function of adult neurogenesis. <i>European Journal of Neuroscience</i> , 2011 , 34, 963-77	3.5	50
101	How does diet affect fecal steroid hormone metabolite concentrations? An experimental examination in red squirrels. <i>General and Comparative Endocrinology</i> , 2011 , 174, 124-31	3	50
100	A non-invasive technique for analyzing fecal cortisol metabolites in snowshoe hares (<i>Lepus americanus</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009 , 179, 305-13	2.2	50
99	Viability of Large- and Small-Sized Adults in Fluctuating Vole Populations. <i>Ecology</i> , 1979 , 60, 567-573	4.6	50
98	Impact of botfly parasitism on <i>Microtus townsendii</i> populations. <i>Canadian Journal of Zoology</i> , 1980 , 58, 1683-1692	1.5	49
97	Using experimentation to understand the 10-year snowshoe hare cycle in the boreal forest of North America. <i>Journal of Animal Ecology</i> , 2018 , 87, 87-100	4.7	45
96	Overwinter mass loss of snowshoe hares in the Yukon: starvation, stress, adaptation or artefact?. <i>Journal of Animal Ecology</i> , 2006 , 75, 1-13	4.7	44
95	Glucocorticoids and CBG during pregnancy in mammals: diversity, pattern, and function. <i>General and Comparative Endocrinology</i> , 2018 , 259, 122-130	3	42
94	Comprehensive endocrine response to acute stress in the bottlenose dolphin from serum, blubber, and feces. <i>General and Comparative Endocrinology</i> , 2018 , 266, 178-193	3	42
93	A TEST OF THE CHITTY HYPOTHESIS: INHERITANCE OF LIFE-HISTORY TRAITS IN MEADOW VOLES <i>MICROTUS PENNSYLVANICUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1987 , 41, 929-947	3.8	41

92	Demography of <i>Microtus pennsylvanicus</i> in Southern Ontario: enumeration versus Jolly-Seber estimation compared. <i>Canadian Journal of Zoology</i> , 1985 , 63, 1174-1180	1.5	41
91	Why Do the Boreal Forest Ecosystems of Northwestern Europe Differ from Those of Western North America?. <i>BioScience</i> , 2016 , 66, 722-734	5.7	41
90	Experimental manipulation of predation and food supply of arctic ground squirrels in the boreal forest. <i>Canadian Journal of Zoology</i> , 2000 , 78, 1309-1319	1.5	39
89	Do changes in berry crops drive population fluctuations in small rodents in the southwestern Yukon?. <i>Journal of Mammalogy</i> , 2010 , 91, 500-509	1.8	38
88	Density estimation for small mammals from livetrapping grids: rodents in northern Canada. <i>Journal of Mammalogy</i> , 2011 , 92, 974-981	1.8	38
87	Breeding performance in captivity of meadow voles (<i>Microtus pennsylvanicus</i>) from decline- and increase-phase populations. <i>Canadian Journal of Zoology</i> , 1992 , 70, 1561-1566	1.5	36
86	Friends and strangers: a test of the Charnov-Finerty Hypothesis. <i>Oecologia</i> , 1988 , 77, 95-100	2.9	35
85	Can camera trapping provide accurate estimates of small mammal (<i>Myodes rutilus</i> and <i>Peromyscus maniculatus</i>) density in the boreal forest?. <i>Journal of Mammalogy</i> , 2016 , 97, 32-40	1.8	33
84	Life History Variation in Maturation in Fluctuating Meadow Vole Populations (<i>Microtus Pennsylvanicus</i>). <i>Oikos</i> , 1989 , 54, 265	4	33
83	Effect of Adult Townsend Voles (<i>Microtus Townsendii</i>) on Survival of Young. <i>Ecology</i> , 1978 , 59, 242-248	4.6	33
82	Surviving winter: Food, but not habitat structure, prevents crashes in cyclic vole populations. <i>Ecology and Evolution</i> , 2017 , 7, 115-124	2.8	32
81	Being high is better: effects of elevation and habitat on arctic ground squirrel demography. <i>Oikos</i> , 2005 , 108, 231-240	4	30
80	Fear and lethality in snowshoe hares: the deadly effects of non-consumptive predation risk. <i>Oikos</i> , 2018 , 127, 375-380	4	30
79	Mediating free glucocorticoid levels in the blood of vertebrates: are corticosteroid-binding proteins always necessary?. <i>Functional Ecology</i> , 2013 , 27, 107-119	5.6	29
78	Coping with intense reproductive aggression in male arctic ground squirrels: the stress axis and its signature tell divergent stories. <i>Physiological and Biochemical Zoology</i> , 2011 , 84, 417-28	2	29
77	Population dynamics of the collared lemming and the tundra vole at Pearce Point, Northwest Territories, Canada. <i>Oecologia</i> , 1995 , 103, 481-489	2.9	29
76	Northern Hawk-Owls in the Nearctic Boreal Forest: Prey Selection and Population Consequences of Multiple Prey Cycles. <i>Condor</i> , 1995 , 97, 208-220	2.1	29
75	Demography of the Spring Decline in Populations of the Vole, <i>Microtus townsendii</i> . <i>Journal of Animal Ecology</i> , 1978 , 47, 1007	4.7	29

74	The effect of odour on trap response in <i>Microtus townsendii</i> . <i>Journal of Zoology</i> , 2009 , 180, 467-476	2	28
73	Quantifying fear effects on prey demography in nature. <i>Ecology</i> , 2018 , 99, 1716-1723	4.6	26
72	Hormetic effects of gamma radiation on the stress axis of natural populations of meadow voles (<i>Microtus pennsylvanicus</i>). <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 334-43	3.8	26
71	Trophic Dynamics of the Boreal Forests of the Kluane Region. <i>Arctic</i> , 2014 , 67, 71	2.1	25
70	The stress of being alone: Removal from the colony, but not social subordination, increases fecal cortisol metabolite levels in eusocial naked mole-rats. <i>Hormones and Behavior</i> , 2020 , 121, 104720	3.7	24
69	Predation on <i>Microtus townsendii</i> populations: impact and vulnerability. <i>Canadian Journal of Zoology</i> , 1977 , 55, 1631-1643	1.5	24
68	Assessing the impact of live-capture, confinement, and translocation on stress and fate in eastern gray squirrels. <i>Journal of Mammalogy</i> , 2013 , 94, 1401-1411	1.8	23
67	Hippocampal neurogenesis in food-storing red squirrels: the impact of age and spatial behavior. <i>Genes, Brain and Behavior</i> , 2010 , 9, 583-91	3.6	23
66	Noninvasive monitoring of fecal cortisol metabolites in the eastern chipmunk (<i>Tamias striatus</i>): validation and comparison of two enzyme immunoassays. <i>Physiological and Biochemical Zoology</i> , 2012 , 85, 183-93	2	23
65	Maternal androgens and behaviour in free-ranging North American red squirrels. <i>Animal Behaviour</i> , 2011 , 81, 469-479	2.8	21
64	Aggressive behavior of adult meadow voles (<i>Microtus pennsylvanicus</i>) towards young. <i>Oecologia</i> , 1984 , 62, 126-131	2.9	21
63	Efficiency of pitfalls versus live traps in enumeration of populations of <i>Microtus pennsylvanicus</i> . <i>Canadian Journal of Zoology</i> , 1984 , 62, 758-765	1.5	21
62	Climate change increases predation risk for a keystone species of the boreal forest. <i>Nature Climate Change</i> , 2020 , 10, 1149-1153	21.4	21
61	Preparing for hibernation in ground squirrels: adrenal androgen production in summer linked to environmental severity in winter. <i>Functional Ecology</i> , 2011 , 25, 1348-1359	5.6	20
60	Measurement of free glucocorticoids: quantifying corticosteroid-binding globulin binding affinity and its variation within and among mammalian species 2015 , 3, cov020		18
59	What factors determine cyclic amplitude in the snowshoe hare (<i>Lepus americanus</i>) cycle?. <i>Canadian Journal of Zoology</i> , 2014 , 92, 1039-1048	1.5	17
58	Impact of high predation risk on genome-wide hippocampal gene expression in snowshoe hares. <i>Oecologia</i> , 2014 , 176, 613-24	2.9	17
57	Assessing Stress in Arctic Lemmings: Fecal Metabolite Levels Reflect Plasma Free Corticosterone Levels. <i>Physiological and Biochemical Zoology</i> , 2017 , 90, 370-382	2	15

56	Impact of climate change on the small mammal community of the Yukon boreal forest. <i>Integrative Zoology</i> , 2019 , 14, 528-541	1.9	14
55	Coping with differences in snow cover: the impact on the condition, physiology and fitness of an arctic hibernator 2017 , 5, cox065		12
54	Effect of Conspecifics on Survival During Population Declines in <i>Microtus townsendii</i> . <i>Journal of Animal Ecology</i> , 1977 , 46, 835	4.7	12
53	The impact of reproduction on the stress axis of free-living male northern red backed voles (<i>Myodes rutilus</i>). <i>General and Comparative Endocrinology</i> , 2015 , 224, 136-47	3	11
52	Stress activity is not predictive of coping style in North American red squirrels. <i>Behavioral Ecology and Sociobiology</i> , 2019 , 73, 1	2.5	11
51	The benefits of baseline glucocorticoid measurements: maximal cortisol production under baseline conditions revealed in male Richardson's ground squirrels (<i>Urocitellus richardsonii</i>). <i>General and Comparative Endocrinology</i> , 2012 , 178, 470-6	3	11
50	Prey availability and ambient temperature influence carrion persistence in the boreal forest. <i>Journal of Animal Ecology</i> , 2020 , 89, 2156-2167	4.7	11
49	Impact of rewilding, species introductions and climate change on the structure and function of the Yukon boreal forest ecosystem. <i>Integrative Zoology</i> , 2018 , 13, 123-138	1.9	11
48	Use of Acceleration and Acoustics to Classify Behavior, Generate Time Budgets, and Evaluate Responses to Moonlight in Free-Ranging Snowshoe Hares. <i>Frontiers in Ecology and Evolution</i> , 2019 , 7,	3.7	10
47	THE IMPACT OF PREDATOR-INDUCED STRESS ON THE SNOWSHOE HARE CYCLE 1998 , 68, 371		10
46	Assessing space use in meadow voles: the relationship to reproduction and the stress axis. <i>Journal of Mammalogy</i> , 2019 , 100, 4-12	1.8	10
45	Effects of food and predators on the home-range sizes of Arctic ground squirrel (<i>Spermophilus parryii</i>). <i>Canadian Journal of Zoology</i> , 1998 , 76, 592-596	1.5	9
44	REPRODUCTION AT ALL COSTS: THE ADAPTIVE STRESS RESPONSE OF MALE ARCTIC GROUND SQUIRRELS 2001 , 82, 1930		9
43	Scavenging By Snowshoe Hares (<i>Lepus americanus</i>) In Yukon, Canada. <i>Northwestern Naturalist</i> , 2018 , 99, 232-235		9
42	Demography of short-tailed shrew populations living on polychlorinated biphenyl-contaminated sites. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 1394-1403	3.8	8
41	Demography of snowshoe hare population cycles. <i>Ecology</i> , 2020 , 101, e02969	4.6	8
40	The stress of Arctic warming on polar bears. <i>Global Change Biology</i> , 2020 , 26, 4197-4214	11.4	7
39	Stable Isotopes and Radiocarbon Assess Variable Importance of Plants and Fungi in Diets of Arctic Ground Squirrels. <i>Arctic, Antarctic, and Alpine Research</i> , 2017 , 49, 487-500	1.8	7

38	Managing anabolic steroids in pre-hibernating Arctic ground squirrels: obtaining their benefits and avoiding their costs. <i>Biology Letters</i> , 2014 , 10, 20140734	3.6	7
37	Hares and Small Rodent Cycles: a 45-year Perspective on Predator-prey Dynamics in the Yukon Boreal Forest. <i>Australian Zoologist</i> , 2018 , 39, 724-732	0.7	7
36	Hair cortisol as a reliable indicator of stress physiology in the snowshoe hare: Influence of body region, sex, season, and predator-prey population dynamics. <i>General and Comparative Endocrinology</i> , 2020 , 294, 113471	3	6
35	When the ball is in the female's court: How the scramble-competition mating system of the North American red squirrel has shaped male physiology and testosterone dynamics. <i>General and Comparative Endocrinology</i> , 2017 , 252, 162-172	3	6
34	Coping with pregnancy after 9 months in the dark: Post-hibernation buffering of high maternal stress in arctic ground squirrels. <i>General and Comparative Endocrinology</i> , 2016 , 232, 1-6	3	6
33	Responses of New World flying squirrels to the acute stress of capture and handling. <i>Journal of Mammalogy</i> , 2016 , 97, 80-88	1.8	6
32	A mechanism for population self-regulation: Social density suppresses GnRH expression and reduces reproductivity in voles. <i>Journal of Animal Ecology</i> , 2021 , 90, 784-795	4.7	6
31	Assessment of the Stress Response in North American Deermice: Laboratory and Field Validation of Two Enzyme Immunoassays for Fecal Corticosterone Metabolites. <i>Animals</i> , 2020 , 10,	3.1	5
30	The role of the lynx-hare cycle in boreal forest community dynamics 2003 , 487-509		5
29	You can hide but you can't run: apparent competition, predator responses and the decline of Arctic ground squirrels in boreal forests of the southwest Yukon. <i>PeerJ</i> , 2016 , 4, e2303	3.1	5
28	Seasonal programming, not competition or testosterone, drives stress-axis changes in a partially-semelparous mammal. <i>Hormones and Behavior</i> , 2016 , 85, 96-101	3.7	5
27	Maternal effects in mammals: Broadening our understanding of offspring programming. <i>Frontiers in Neuroendocrinology</i> , 2021 , 62, 100924	8.9	5
26	Demography of short-tailed shrew populations living on polychlorinated biphenyl-contaminated sites. <i>Environmental Toxicology and Chemistry</i> , 2003 , 22, 1394-403	3.8	5
25	Experimental increase in predation risk causes a cascading stress response in free-ranging snowshoe hares. <i>Oecologia</i> , 2019 , 191, 311-323	2.9	4
24	High Arctic lemmings remain reproductively active under predator-induced elevated stress. <i>Oecologia</i> , 2018 , 187, 657-666	2.9	4
23	HETEROZYGOSITY, AGGRESSION, AND POPULATION FLUCTUATIONS IN MEADOW VOLES (MICROTUS PENNSYLVANICUS). <i>Evolution; International Journal of Organic Evolution</i> , 1994 , 48, 1350-1363	3.8	4
22	The impact of variable predation risk on stress in snowshoe hares over the cycle in North America's boreal forest: adjusting to change. <i>Oecologia</i> , 2021 , 197, 71-88	2.9	4
21	Error in trapper-reported sex of lynx (<i>Lynx canadensis</i>) and wolverine (<i>Gulo gulo</i>): implications for analyses of harvest records. <i>European Journal of Wildlife Research</i> , 2020 , 66, 1	2	3

20	Anogenital distance as a measure of male competitive ability in Rwenzori Angolan colobus. <i>American Journal of Primatology</i> , 2020 , 82, e23111	2.5	3
19	Of mammals and milk: how maternal stress affects nursing offspring. <i>Mammal Review</i> ,	5	3
18	The role of herbivory in the macroevolution of vertebrate hormone dynamics. <i>Ecology Letters</i> , 2020 , 23, 1340-1348	10	2
17	Social stress in female Columbian ground squirrels: density-independent effects of kin contribute to variation in fecal glucocorticoid metabolites. <i>Behavioral Ecology and Sociobiology</i> , 2020 , 74, 1	2.5	2
16	DHEA and territoriality during the nonbreeding season in male American martens (<i>Martes americana</i>). <i>Journal of Mammalogy</i> , 2018 , 99, 826-835	1.8	2
15	Mechanisms of population limitation in the southern red-backed vole in conifer forests of western North America: insights from a long-term study. <i>Journal of Mammalogy</i> , 2017 ,	1.8	2
14	Balancing food acquisition and predation risk drives demographic changes in snowshoe hare population cycles.. <i>Ecology Letters</i> , 2022 ,	10	2
13	THE IMPACT OF PREDATOR-INDUCED STRESS ON THE SNOWSHOE HARE CYCLE 1998 , 68, 371		2
12	TRAPPING DEERMICE: EFFECTS OF TRAP TYPE ON CAPTURE AND RECAPTURE SUCCESS IN SAGEBRUSH HABITAT 2020 , 101,		2
11	Trapping-induced changes in expression of the N-methyl-D-aspartate receptor in the hippocampus of snowshoe hares. <i>Neuroscience Letters</i> , 2002 , 324, 173-6	3.3	1
10	Sex-specific maternal programming of corticosteroid-binding globulin by predator odour. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211908	4.4	1
9	Stress activity is not predictive of coping style in North American red squirrels		1
8	Measurement of free glucocorticoids: quantifying corticosteroid binding capacity and its variation within and among mammal and bird species 2020 , 8, coaa057		1
7	Contribution of late-litter juveniles to the population dynamics of snowshoe hares. <i>Oecologia</i> , 2021 , 195, 949-957	2.9	1
6	Population changes and limitation in the montane vole (<i>Microtus montanus</i>) in perennial old-field grasslands: insights from a long-term study. <i>Journal of Mammalogy</i> , 2021 , 102, 404-415	1.8	1
5	Vertebrate scavenging dynamics differ between carnivore and herbivore carcasses in the northern boreal forest. <i>Ecosphere</i> , 2021 , 12, e03691	3.1	1
4	Evaluation of Gum-line Recession for Aging Lynx (<i>Lynx canadensis</i>). <i>Wildlife Society Bulletin</i> , 2021 , 45, 706-710	0.6	1
3	Territorial scent-marking effects on vigilance behavior, space use, and stress in female Columbian ground squirrels.. <i>Hormones and Behavior</i> , 2022 , 139, 105111	3.7	0

- 2 Glucocorticoids coordinate changes in gut microbiome composition in wild North American red squirrels.. *Scientific Reports*, **2022**, 12, 2605 4.9 ○
- 1 From Habitat to Hormones: Year-around territorial behavior in rock-dwelling but not in forest and grassland lagomorphs and the role of DHEA.. *Hormones and Behavior*, **2022**, 142, 105179 3.7 ○