Marco Musiani

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A comparison of canid depredation research published in journal and gray literature. Human Dimensions of Wildlife, 2023, 28, 311-319.	1.8	0
2	Genomic legacy of migration in endangered caribou. PLoS Genetics, 2022, 18, e1009974.	3.5	7
3	Selection of both habitat and genes in specialized and endangered caribou. Conservation Biology, 2022, 36, .	4.7	1
4	Seasonal movements in caribou ecotypes of Western Canada. Movement Ecology, 2022, 10, 12.	2.8	3
5	Incorporating geographic context into coyote and wolf livestock depredation research. Canadian Geographer / Geographie Canadien, 2022, 66, 450-461.	1.5	0
6	A global assessment of Echinococcus multilocularis infections in domestic dogs: proposing a framework to overcome past methodological heterogeneity. International Journal for Parasitology, 2021, 51, 379-392.	3.1	16
7	Deep amplicon sequencing highlights low intra-host genetic variability of Echinococcus multilocularis and high prevalence of the European-type haplotypes in coyotes and red foxes in Alberta, Canada. PLoS Neglected Tropical Diseases, 2021, 15, e0009428.	3.0	8
8	A review on invasions by parasites with complex life cycles: the European strain of <i>Echinococcus multilocularis</i> in North America as a model. Parasitology, 2021, 148, 1532-1544.	1.5	9
9	Integrating livestock management and telemetry data to assess disease transmission risk between wildlife and livestock. Preventive Veterinary Medicine, 2020, 174, 104846.	1.9	4
10	The density of anthropogenic features explains seasonal and behaviour-based functional responses in selection of linear features by a social predator. Scientific Reports, 2020, 10, 11437.	3.3	6
11	The biogeography of the caribou lungworm, Varestrongylus eleguneniensis (Nematoda:) Tj ETQq1 1 0.784314 rg and Wildlife, 2020, 11, 93-102.	BT /Overlo 1.5	ck 10 Tf 500
12	Functional response of wolves to human development across boreal North America. Ecology and Evolution, 2019, 9, 10801-10815.	1.9	48
13	Genomics, environment and balancing selection in behaviourally bimodal populations: The caribou case. Molecular Ecology, 2019, 28, 1946-1963.	3.9	18
14	Space–time clusters for early detection of grizzly bear predation. Ecology and Evolution, 2018, 8, 382-395.	1.9	3
15	Lines on a map: conservation units, metaâ€population dynamics, and recovery of woodland caribou in Canada. Ecosphere, 2018, 9, e02323.	2.2	12
16	Natural regeneration on seismic lines influences movement behaviour of wolves and grizzly bears. PLoS ONE, 2018, 13, e0195480.	2.5	33
17	Does climate change and plant phenology research neglect the Arctic tundra?. Ecosphere, 2018, 9, e02362.	2.2	15
18	Environmental and anthropogenic drivers of connectivity patterns: A basis for prioritizing conservation efforts for threatened populations. Evolutionary Applications, 2017, 10, 199-211.	3.1	16

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19	High prevalence of prion protein genotype associated with resistance to chronic wasting disease in one Alberta woodland caribou population. Prion, 2017, 11, 136-142.	1.8	18
20	Targeted capture and resequencing of 1040 genes reveal environmentally driven functional variation in grey wolves. Molecular Ecology, 2016, 25, 357-379.	3.9	47
21	Genetic subdivision and candidate genes under selection in North American grey wolves. Molecular Ecology, 2016, 25, 380-402.	3.9	100
22	Better Alone or in Ill Company? The Effect of Migration and Inter-Species Comingling on Fascioloides magna Infection in Elk. PLoS ONE, 2016, 11, e0159319.	2.5	15
23	Dispersal Ecology Informs Design of Large-Scale Wildlife Corridors. PLoS ONE, 2016, 11, e0162989.	2.5	24
24	Heavily hunted wolves have higher stress and reproductive steroids than wolves with lower hunting pressure. Functional Ecology, 2015, 29, 347-356.	3.6	64
25	Linking habitat selection and predation risk to spatial variation in survival. Journal of Animal Ecology, 2014, 83, 343-352.	2.8	97
26	Pathogens at the livestock-wildlife interface in Western Alberta: does transmission route matter?. Veterinary Research, 2014, 45, 18.	3.0	21
27	Genetic diversity in caribou linked to past and future climate change. Nature Climate Change, 2014, 4, 132-137.	18.8	154
28	What attracts elk onto cattle pasture? Implications for inter-species disease transmission. Preventive Veterinary Medicine, 2014, 117, 326-339.	1.9	14
29	Habitat selection during ungulate dispersal and exploratory movement at broad and fine scale with implications for conservation management. Movement Ecology, 2014, 2, 15.	2.8	44
30	Identifying non-independent anthropogenic risks using a behavioral individual-based model. Ecological Complexity, 2014, 17, 67-78.	2.9	10
31	Salient values, social trust, and attitudes toward wolf management in south-western Alberta, Canada. Environmental Conservation, 2014, 41, 303-310.	1.3	43
32	Heterogeneity among Rural Resident Attitudes Toward Wolves. Human Dimensions of Wildlife, 2013, 18, 239-248.	1.8	42
33	Resource separation analysis with moose indicates threats to caribou in human altered landscapes. Ecography, 2013, 36, 487-498.	4.5	48
34	Preferred habitat and effective population size drive landscape genetic patterns in an endangered species. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131756.	2.6	54
35	Humans Strengthen Bottom-Up Effects and Weaken Trophic Cascades in a Terrestrial Food Web. PLoS ONE, 2013, 8, e64311.	2.5	67
36	Human selection of elk behavioural traits in a landscape of fear. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4407-4416.	2.6	193

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37	Transcending scale dependence in identifying habitat with resource selection functions. Ecological Applications, 2012, 22, 1068-1083.	3.8	160
38	Dispersal in a plain landscape: short-distance genetic differentiation in southwestern Manitoba wolves, Canada. Conservation Genetics, 2012, 13, 359-371.	1.5	16
39	Incorporating behavioral–ecological strategies in pattern-oriented modeling of caribou habitat use in a highly industrialized landscape. Ecological Modelling, 2012, 243, 18-32.	2.5	22
40	Vehicle traffic shapes grizzly bear behaviour on a multipleâ€use landscape. Journal of Applied Ecology, 2012, 49, 1159-1167.	4.0	134
41	Evaluating risk effects of industrial features on woodland caribou habitat selection in west central Alberta using agent-based modelling. Procedia Environmental Sciences, 2012, 13, 698-714.	1.4	4
42	Reconstruction of caribou evolutionary history in Western North America and its implications for conservation. Molecular Ecology, 2012, 21, 3610-3624.	3.9	54
43	Effects of Humans on Behaviour of Wildlife Exceed Those of Natural Predators in a Landscape of Fear. PLoS ONE, 2012, 7, e50611.	2.5	305
44	A genome-wide perspective on the evolutionary history of enigmatic wolf-like canids. Genome Research, 2011, 21, 1294-1305.	5.5	266
45	Human Activity Differentially Redistributes Large Mammals in the Canadian Rockies National Parks. Ecology and Society, 2011, 16, .	2.3	118
46	Caribou encounters with wolves increase near roads and trails: a timeâ€ŧoâ€event approach. Journal of Applied Ecology, 2011, 48, 1535-1542.	4.0	194
47	Human Activity Helps Prey Win the Predator-Prey Space Race. PLoS ONE, 2011, 6, e17050.	2.5	233
48	Endangered, apparently: the role of apparent competition in endangered species conservation. Animal Conservation, 2010, 13, 353-362.	2.9	170
49	How humans shape wolf behavior in Banff and Kootenay National Parks, Canada. Ecological Modelling, 2010, 221, 2374-2387.	2.5	23
50	Revisiting Extinction in National Parks: Mountain Caribou in Banff. Conservation Biology, 2010, 24, 341-344.	4.7	60
51	The Role of Translocation in Recovery of Woodland Caribou Populations. Conservation Biology, 2010, 25, no-no.	4.7	26
52	Differential risk effects of wolves on wild versus domestic prey have consequences for conservation. Oikos, 2010, 119, 1243-1254.	2.7	33
53	Restoration of genetic connectivity among Northern Rockies wolf populations. Molecular Ecology, 2010, 19, 4383-4385.	3.9	3
54	Genome-wide SNP and haplotype analyses reveal a rich history underlying dog domestication. Nature, 2010, 464, 898-902.	27.8	635

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55	Effects of Wolves on Elk and Cattle Behaviors: Implications for Livestock Production and Wolf Conservation. PLoS ONE, 2010, 5, e11954.	2.5	72
56	Wolf body mass, skull morphology, and mitochondrial DNA haplotypes in the Riding Mountain National Park region of Manitoba, Canada. Canadian Journal of Zoology, 2010, 88, 496-507.	1.0	9
57	Response—How the Gray Wolf Got Its Color. Science, 2009, 325, 34-34.	12.6	3
58	Livestock depredation by wolves and the ranching economy in the Northwestern U.S Ecological Economics, 2009, 68, 2439-2450.	5.7	93
59	Survival in the Rockies of an endangered hybrid swarm from diverged caribou (<i>Rangifer) Tj ETQq1 1 0.784314</i>	rgBT /Ov	erlggk 10 Tf 5
60	Molecular and Evolutionary History of Melanism in North American Gray Wolves. Science, 2009, 323, 1339-1343.	12.6	346
61	Differentiation of tundra/taiga and boreal coniferous forest wolves: genetics, coat colour and association with migratory caribou. Molecular Ecology, 2007, 16, 4149-4170.	3.9	163
62	Seasonality and reoccurrence of depredation and wolf control in western North America. Wildlife Society Bulletin, 2005, 33, 876-887.	1.6	43
63	Enhanced anodic Si dissolution in water–ethanol acid fluoride media. Electrochemistry Communications, 2005, 7, 762-766.	4.7	3
64	Mitochondrial DNA from Prehistoric Canids Highlights Relationships Between Dogs and South-East European Wolves. Molecular Biology and Evolution, 2005, 22, 2541-2551.	8.9	68
65	The Practices of Wolf Persecution, Protection, and Restoration in Canada and the United States. BioScience, 2004, 54, 50.	4.9	84
66	Characterisation of surface oxidation of nickel–titanium alloy by ion-beam and electrochemical techniques. Electrochimica Acta, 2004, 50, 11-18.	5.2	69
67	Wolf Depredation Trends and the Use of Fladry Barriers to Protect Livestock in Western North America. Conservation Biology, 2003, 17, 1538-1547.	4.7	130
68	PREY SELECTION AND PREDATION BY WOLVES IN BIAÅOWIEÅ»A PRIMEVAL FOREST, POLAND. Journal of Mammalogy, 2000, 81, 197-212.	1.3	138
69	Prey Selection and Predation by Wolves in BiaÂowieza Primeval Forest, Poland. Journal of Mammalogy, 2000, 81, 197-212.	1.3	18
70	Lymphocyte proliferative response in brown bears: Cytokine role and glucocorticoid effect. , 1998, 280, 421-428.		3
71	Speed and actual distances travelled by radiocollared wolves in BiaÅ,owieża Primeval Forest (Poland). Acta Theriologica, 1998, 43, 409-416.	1.1	48
72	White Cells in the Blood of Apennine Brown Bears: An Ultrastructural Study. Journal of Mammalogy, 1996, 77, 761.	1.3	3

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#	Article	IF	CITATIONS
73	Livestock Husbandry Practices Reduce Wolf Depredation Risk in Alberta, Canada. , 0, , 261-286.		4
74	The effect of fire on spatial separation between wolves and caribou. Rangifer, 0, , 277-294.	0.6	10