

Marco Musiani

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

5,113
citations

101496

36
h-index

91828

69
g-index

75
all docs

75
docs citations

75
times ranked

5927
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide SNP and haplotype analyses reveal a rich history underlying dog domestication. <i>Nature</i> , 2010, 464, 898-902.	13.7	635
2	Molecular and Evolutionary History of Melanism in North American Gray Wolves. <i>Science</i> , 2009, 323, 1339-1343.	6.0	346
3	Effects of Humans on Behaviour of Wildlife Exceed Those of Natural Predators in a Landscape of Fear. <i>PLoS ONE</i> , 2012, 7, e50611.	1.1	305
4	A genome-wide perspective on the evolutionary history of enigmatic wolf-like canids. <i>Genome Research</i> , 2011, 21, 1294-1305.	2.4	266
5	Human Activity Helps Prey Win the Predator-Prey Space Race. <i>PLoS ONE</i> , 2011, 6, e17050.	1.1	233
6	Caribou encounters with wolves increase near roads and trails: a time-to-event approach. <i>Journal of Applied Ecology</i> , 2011, 48, 1535-1542.	1.9	194
7	Human selection of elk behavioural traits in a landscape of fear. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4407-4416.	1.2	193
8	Endangered, apparently: the role of apparent competition in endangered species conservation. <i>Animal Conservation</i> , 2010, 13, 353-362.	1.5	170
9	Differentiation of tundra/taiga and boreal coniferous forest wolves: genetics, coat colour and association with migratory caribou. <i>Molecular Ecology</i> , 2007, 16, 4149-4170.	2.0	163
10	Transcending scale dependence in identifying habitat with resource selection functions. <i>Ecological Applications</i> , 2012, 22, 1068-1083.	1.8	160
11	Genetic diversity in caribou linked to past and future climate change. <i>Nature Climate Change</i> , 2014, 4, 132-137.	8.1	154
12	PREY SELECTION AND PREDATION BY WOLVES IN BIAŁOWIEÅA PRIMEVAL FOREST, POLAND. <i>Journal of Mammalogy</i> , 2000, 81, 197-212.	0.6	138
13	Vehicle traffic shapes grizzly bear behaviour on a multiple-use landscape. <i>Journal of Applied Ecology</i> , 2012, 49, 1159-1167.	1.9	134
14	Wolf Depredation Trends and the Use of Fladry Barriers to Protect Livestock in Western North America. <i>Conservation Biology</i> , 2003, 17, 1538-1547.	2.4	130
15	Human Activity Differentially Redistributes Large Mammals in the Canadian Rockies National Parks. <i>Ecology and Society</i> , 2011, 16, .	1.0	118
16	Genetic subdivision and candidate genes under selection in North American grey wolves. <i>Molecular Ecology</i> , 2016, 25, 380-402.	2.0	100
17	Linking habitat selection and predation risk to spatial variation in survival. <i>Journal of Animal Ecology</i> , 2014, 83, 343-352.	1.3	97
18	Livestock depredation by wolves and the ranching economy in the Northwestern U.S.. <i>Ecological Economics</i> , 2009, 68, 2439-2450.	2.9	93

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19	Survival in the Rockies of an endangered hybrid swarm from diverged caribou (<i>Rangifer</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T15	2.0	89
20	The Practices of Wolf Persecution, Protection, and Restoration in Canada and the United States. <i>BioScience</i> , 2004, 54, 50.	2.2	84
21	Effects of Wolves on Elk and Cattle Behaviors: Implications for Livestock Production and Wolf Conservation. <i>PLoS ONE</i> , 2010, 5, e11954.	1.1	72
22	Characterisation of surface oxidation of nickel-titanium alloy by ion-beam and electrochemical techniques. <i>Electrochimica Acta</i> , 2004, 50, 11-18.	2.6	69
23	Mitochondrial DNA from Prehistoric Canids Highlights Relationships Between Dogs and South-East European Wolves. <i>Molecular Biology and Evolution</i> , 2005, 22, 2541-2551.	3.5	68
24	Humans Strengthen Bottom-Up Effects and Weaken Trophic Cascades in a Terrestrial Food Web. <i>PLoS ONE</i> , 2013, 8, e64311.	1.1	67
25	Heavily hunted wolves have higher stress and reproductive steroids than wolves with lower hunting pressure. <i>Functional Ecology</i> , 2015, 29, 347-356.	1.7	64
26	Revisiting Extinction in National Parks: Mountain Caribou in Banff. <i>Conservation Biology</i> , 2010, 24, 341-344.	2.4	60
27	Reconstruction of caribou evolutionary history in Western North America and its implications for conservation. <i>Molecular Ecology</i> , 2012, 21, 3610-3624.	2.0	54
28	Preferred habitat and effective population size drive landscape genetic patterns in an endangered species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131756.	1.2	54
29	Resource separation analysis with moose indicates threats to caribou in human altered landscapes. <i>Ecography</i> , 2013, 36, 487-498.	2.1	48
30	Functional response of wolves to human development across boreal North America. <i>Ecology and Evolution</i> , 2019, 9, 10801-10815.	0.8	48
31	Speed and actual distances travelled by radiocollared wolves in BiaÅ,owieÅ¼a Primeval Forest (Poland). <i>Acta Theriologica</i> , 1998, 43, 409-416.	1.1	48
32	Targeted capture and resequencing of 1040 genes reveal environmentally driven functional variation in grey wolves. <i>Molecular Ecology</i> , 2016, 25, 357-379.	2.0	47
33	Habitat selection during ungulate dispersal and exploratory movement at broad and fine scale with implications for conservation management. <i>Movement Ecology</i> , 2014, 2, 15.	1.3	44
34	Seasonality and reoccurrence of depredation and wolf control in western North America. <i>Wildlife Society Bulletin</i> , 2005, 33, 876-887.	1.6	43
35	Salient values, social trust, and attitudes toward wolf management in south-western Alberta, Canada. <i>Environmental Conservation</i> , 2014, 41, 303-310.	0.7	43
36	Heterogeneity among Rural Resident Attitudes Toward Wolves. <i>Human Dimensions of Wildlife</i> , 2013, 18, 239-248.	1.0	42

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37	Differential risk effects of wolves on wild versus domestic prey have consequences for conservation. <i>Oikos</i> , 2010, 119, 1243-1254.	1.2	33
38	Natural regeneration on seismic lines influences movement behaviour of wolves and grizzly bears. <i>PLoS ONE</i> , 2018, 13, e0195480.	1.1	33
39	The Role of Translocation in Recovery of Woodland Caribou Populations. <i>Conservation Biology</i> , 2010, 25, no-no.	2.4	26
40	Dispersal Ecology Informs Design of Large-Scale Wildlife Corridors. <i>PLoS ONE</i> , 2016, 11, e0162989.	1.1	24
41	How humans shape wolf behavior in Banff and Kootenay National Parks, Canada. <i>Ecological Modelling</i> , 2010, 221, 2374-2387.	1.2	23
42	Incorporating behavioral ecological strategies in pattern-oriented modeling of caribou habitat use in a highly industrialized landscape. <i>Ecological Modelling</i> , 2012, 243, 18-32.	1.2	22
43	Pathogens at the livestock-wildlife interface in Western Alberta: does transmission route matter?. <i>Veterinary Research</i> , 2014, 45, 18.	1.1	21
44	High prevalence of prion protein genotype associated with resistance to chronic wasting disease in one Alberta woodland caribou population. <i>Prion</i> , 2017, 11, 136-142.	0.9	18
45	Prey Selection and Predation by Wolves in BiaÅowieza Primeval Forest, Poland. <i>Journal of Mammalogy</i> , 2000, 81, 197-212.	0.6	18
46	Genomics, environment and balancing selection in behaviourally bimodal populations: The caribou case. <i>Molecular Ecology</i> , 2019, 28, 1946-1963.	2.0	18
47	Dispersal in a plain landscape: short-distance genetic differentiation in southwestern Manitoba wolves, Canada. <i>Conservation Genetics</i> , 2012, 13, 359-371.	0.8	16
48	Environmental and anthropogenic drivers of connectivity patterns: A basis for prioritizing conservation efforts for threatened populations. <i>Evolutionary Applications</i> , 2017, 10, 199-211.	1.5	16
49	A global assessment of <i>Echinococcus multilocularis</i> infections in domestic dogs: proposing a framework to overcome past methodological heterogeneity. <i>International Journal for Parasitology</i> , 2021, 51, 379-392.	1.3	16
50	Does climate change and plant phenology research neglect the Arctic tundra?. <i>Ecosphere</i> , 2018, 9, e02362.	1.0	15
51	Better Alone or in Ill Company? The Effect of Migration and Inter-Species Comingling on <i>Fascioloides magna</i> Infection in Elk. <i>PLoS ONE</i> , 2016, 11, e0159319.	1.1	15
52	What attracts elk onto cattle pasture? Implications for inter-species disease transmission. <i>Preventive Veterinary Medicine</i> , 2014, 117, 326-339.	0.7	14
53	Lines on a map: conservation units, meta-population dynamics, and recovery of woodland caribou in Canada. <i>Ecosphere</i> , 2018, 9, e02323.	1.0	12
54	Identifying non-independent anthropogenic risks using a behavioral individual-based model. <i>Ecological Complexity</i> , 2014, 17, 67-78.	1.4	10

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55	The effect of fire on spatial separation between wolves and caribou. Rangifer, 0, , 277-294.	0.6	10
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.	0.4	9
57	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.	0.7	9
58	Deep amplicon sequencing highlights low intra-host genetic variability of <i>Echinococcus multilocularis</i> and high prevalence of the European-type haplotypes in coyotes and red foxes in Alberta, Canada. PLoS Neglected Tropical Diseases, 2021, 15, e0009428.	1.3	8
59	The biogeography of the caribou lungworm, <i>Varestrongylus eleguneniensis</i> (Nematoda: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) and Wildlife, 2020, 11, 93-102.	0.6	7
60	Genomic legacy of migration in endangered caribou. PLoS Genetics, 2022, 18, e1009974.	1.5	7
61	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.	1.6	6
62	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.	1.3	4
63	Integrating livestock management and telemetry data to assess disease transmission risk between wildlife and livestock. Preventive Veterinary Medicine, 2020, 174, 104846.	0.7	4
64	Livestock Husbandry Practices Reduce Wolf Depredation Risk in Alberta, Canada. , 0, , 261-286.		4
65	White Cells in the Blood of Apennine Brown Bears: An Ultrastructural Study. Journal of Mammalogy, 1996, 77, 761.	0.6	3
66	Lymphocyte proliferative response in brown bears: Cytokine role and glucocorticoid effect. , 1998, 280, 421-428.		3
67	Enhanced anodic Si dissolution in water-ethanol acid fluoride media. Electrochemistry Communications, 2005, 7, 762-766.	2.3	3
68	Response-How the Gray Wolf Got Its Color. Science, 2009, 325, 34-34.	6.0	3
69	Restoration of genetic connectivity among Northern Rockies wolf populations. Molecular Ecology, 2010, 19, 4383-4385.	2.0	3
70	Space-time clusters for early detection of grizzly bear predation. Ecology and Evolution, 2018, 8, 382-395.	0.8	3
71	Seasonal movements in caribou ecotypes of Western Canada. Movement Ecology, 2022, 10, 12.	1.3	3
72	Selection of both habitat and genes in specialized and endangered caribou. Conservation Biology, 2022, 36, .	2.4	1

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73	A comparison of canid depredation research published in journal and gray literature. <i>Human Dimensions of Wildlife</i> , 2023, 28, 311-319.	1.0	0
74	Incorporating geographic context into coyote and wolf livestock depredation research. <i>Canadian Geographer / Géographie Canadien</i> , 2022, 66, 450-461.	1.0	0