

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 | 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 |
| 2 | Genomic legacy of migration in endangered caribou. <i>PLoS Genetics</i> , 2022, 18, e1009974. | 1.5 | 7 |
| 3 | Selection of both habitat and genes in specialized and endangered caribou. <i>Conservation Biology</i> , 2022, 36, . | 2.4 | 1 |
| 4 | Seasonal movements in caribou ecotypes of Western Canada. <i>Movement Ecology</i> , 2022, 10, 12. | 1.3 | 3 |
| 5 | Incorporating geographic context into coyote and wolf livestock depredation research. <i>Canadian Geographer / Géographie Canadien</i> , 2022, 66, 450-461. | 1.0 | 0 |
| 6 | 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 |
| 7 | 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. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009428. | 1.3 | 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. <i>Parasitology</i> , 2021, 148, 1532-1544. | 0.7 | 9 |
| 9 | Integrating livestock management and telemetry data to assess disease transmission risk between wildlife and livestock. <i>Preventive Veterinary Medicine</i> , 2020, 174, 104846. | 0.7 | 4 |
| 10 | The density of anthropogenic features explains seasonal and behaviour-based functional responses in selection of linear features by a social predator. <i>Scientific Reports</i> , 2020, 10, 11437. | 1.6 | 6 |
| 11 | The biogeography of the caribou lungworm, <i>Varestrongylus eleguneniensis</i> (Nematoda: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 503 and Wildlife, 2020, 11, 93-102. | 0.6 | 7 |
| 12 | Functional response of wolves to human development across boreal North America. <i>Ecology and Evolution</i> , 2019, 9, 10801-10815. | 0.8 | 48 |
| 13 | Genomics, environment and balancing selection in behaviourally bimodal populations: The caribou case. <i>Molecular Ecology</i> , 2019, 28, 1946-1963. | 2.0 | 18 |
| 14 | Space–time clusters for early detection of grizzly bear predation. <i>Ecology and Evolution</i> , 2018, 8, 382-395. | 0.8 | 3 |
| 15 | 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 |
| 16 | Natural regeneration on seismic lines influences movement behaviour of wolves and grizzly bears. <i>PLoS ONE</i> , 2018, 13, e0195480. | 1.1 | 33 |
| 17 | Does climate change and plant phenology research neglect the Arctic tundra?. <i>Ecosphere</i> , 2018, 9, e02362. | 1.0 | 15 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Genetic subdivision and candidate genes under selection in North American grey wolves. <i>Molecular Ecology</i> , 2016, 25, 380-402. | 2.0 | 100 |
| 22 | 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 |
| 23 | Dispersal Ecology Informs Design of Large-Scale Wildlife Corridors. <i>PLoS ONE</i> , 2016, 11, e0162989. | 1.1 | 24 |
| 24 | 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 |
| 25 | Linking habitat selection and predation risk to spatial variation in survival. <i>Journal of Animal Ecology</i> , 2014, 83, 343-352. | 1.3 | 97 |
| 26 | Pathogens at the livestock-wildlife interface in Western Alberta: does transmission route matter?. <i>Veterinary Research</i> , 2014, 45, 18. | 1.1 | 21 |
| 27 | Genetic diversity in caribou linked to past and future climate change. <i>Nature Climate Change</i> , 2014, 4, 132-137. | 8.1 | 154 |
| 28 | What attracts elk onto cattle pasture? Implications for inter-species disease transmission. <i>Preventive Veterinary Medicine</i> , 2014, 117, 326-339. | 0.7 | 14 |
| 29 | 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 |
| 30 | Identifying non-independent anthropogenic risks using a behavioral individual-based model. <i>Ecological Complexity</i> , 2014, 17, 67-78. | 1.4 | 10 |
| 31 | 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 |
| 32 | Heterogeneity among Rural Resident Attitudes Toward Wolves. <i>Human Dimensions of Wildlife</i> , 2013, 18, 239-248. | 1.0 | 42 |
| 33 | Resource separation analysis with moose indicates threats to caribou in human altered landscapes. <i>Ecography</i> , 2013, 36, 487-498. | 2.1 | 48 |
| 34 | 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 |
| 35 | Humans Strengthen Bottom-Up Effects and Weaken Trophic Cascades in a Terrestrial Food Web. <i>PLoS ONE</i> , 2013, 8, e64311. | 1.1 | 67 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | Transcending scale dependence in identifying habitat with resource selection functions. <i>Ecological Applications</i> , 2012, 22, 1068-1083. | 1.8 | 160 |
| 38 | 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 |
| 39 | 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 |
| 40 | Vehicle traffic shapes grizzly bear behaviour on a multiple-use landscape. <i>Journal of Applied Ecology</i> , 2012, 49, 1159-1167. | 1.9 | 134 |
| 41 | Evaluating risk effects of industrial features on woodland caribou habitat selection in west central Alberta using agent-based modelling. <i>Procedia Environmental Sciences</i> , 2012, 13, 698-714. | 1.3 | 4 |
| 42 | 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 |
| 43 | 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 |
| 44 | A genome-wide perspective on the evolutionary history of enigmatic wolf-like canids. <i>Genome Research</i> , 2011, 21, 1294-1305. | 2.4 | 266 |
| 45 | Human Activity Differentially Redistributes Large Mammals in the Canadian Rockies National Parks. <i>Ecology and Society</i> , 2011, 16, . | 1.0 | 118 |
| 46 | 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 |
| 47 | Human Activity Helps Prey Win the Predator-Prey Space Race. <i>PLoS ONE</i> , 2011, 6, e17050. | 1.1 | 233 |
| 48 | Endangered, apparently: the role of apparent competition in endangered species conservation. <i>Animal Conservation</i> , 2010, 13, 353-362. | 1.5 | 170 |
| 49 | How humans shape wolf behavior in Banff and Kootenay National Parks, Canada. <i>Ecological Modelling</i> , 2010, 221, 2374-2387. | 1.2 | 23 |
| 50 | Revisiting Extinction in National Parks: Mountain Caribou in Banff. <i>Conservation Biology</i> , 2010, 24, 341-344. | 2.4 | 60 |
| 51 | The Role of Translocation in Recovery of Woodland Caribou Populations. <i>Conservation Biology</i> , 2010, 25, no-no. | 2.4 | 26 |
| 52 | Differential risk effects of wolves on wild versus domestic prey have consequences for conservation. <i>Oikos</i> , 2010, 119, 1243-1254. | 1.2 | 33 |
| 53 | Restoration of genetic connectivity among Northern Rockies wolf populations. <i>Molecular Ecology</i> , 2010, 19, 4383-4385. | 2.0 | 3 |
| 54 | Genome-wide SNP and haplotype analyses reveal a rich history underlying dog domestication. <i>Nature</i> , 2010, 464, 898-902. | 13.7 | 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. | 1.1 | 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. | 0.4 | 9 |
| 57 | Response—How the Gray Wolf Got Its Color. Science, 2009, 325, 34-34. | 6.0 | 3 |
| 58 | Livestock depredation by wolves and the ranching economy in the Northwestern U.S.. Ecological Economics, 2009, 68, 2439-2450. | 2.9 | 93 |
| 59 | Survival in the Rockies of an endangered hybrid swarm from diverged caribou (<i>Rangifer</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T65 | 2.0 | 89 |
| 60 | Molecular and Evolutionary History of Melanism in North American Gray Wolves. Science, 2009, 323, 1339-1343. | 6.0 | 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. | 2.0 | 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. | 2.3 | 3 |
| 64 | Mitochondrial DNA from Prehistoric Canids Highlights Relationships Between Dogs and South-East European Wolves. Molecular Biology and Evolution, 2005, 22, 2541-2551. | 3.5 | 68 |
| 65 | The Practices of Wolf Persecution, Protection, and Restoration in Canada and the United States. BioScience, 2004, 54, 50. | 2.2 | 84 |
| 66 | Characterisation of surface oxidation of nickel—titanium alloy by ion-beam and electrochemical techniques. Electrochimica Acta, 2004, 50, 11-18. | 2.6 | 69 |
| 67 | Wolf Depredation Trends and the Use of Fladry Barriers to Protect Livestock in Western North America. Conservation Biology, 2003, 17, 1538-1547. | 2.4 | 130 |
| 68 | PREY SELECTION AND PREDATION BY WOLVES IN BIAŃOWIEŃA PRIMEVAL FOREST, POLAND. Journal of Mammalogy, 2000, 81, 197-212. | 0.6 | 138 |
| 69 | Prey Selection and Predation by Wolves in BiaŃowieza Primeval Forest, Poland. Journal of Mammalogy, 2000, 81, 197-212. | 0.6 | 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 BiaŃowieŃa 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. | 0.6 | 3 |

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|----|--|-----|-----------|
| 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 |