

Mark Hebblewhite

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/182695/publications.pdf>

Version: 2024-02-01

222
papers

15,773
citations

30551

56
h-index

23173

116
g-index

229
all docs

229
docs citations

229
times ranked

12959
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Integrating developmental plasticity into eco-evolutionary population dynamics. <i>Trends in Ecology and Evolution</i> , 2022, 37, 129-137. | 4.2 | 9 |
| 2 | Can a landscape conservation vision contribute to achieving biodiversity targets?. <i>Conservation Science and Practice</i> , 2022, 4, e588. | 0.9 | 7 |
| 3 | Toward an understanding of the chemical ecology of alternative reproductive tactics in the bulb mite (<i>Rhizoglyphus robini</i>). <i>Bmc Ecology and Evolution</i> , 2022, 22, 5. | 0.7 | 0 |
| 4 | Increasing fire frequency and severity will increase habitat loss for a boreal forest indicator species. <i>Ecological Applications</i> , 2022, 32, e2549. | 1.8 | 12 |
| 5 | Large herbivores in a partially migratory population search for the ideal free home. <i>Ecology</i> , 2022, 103, e3652. | 1.5 | 8 |
| 6 | Genomic legacy of migration in endangered caribou. <i>PLoS Genetics</i> , 2022, 18, e1009974. | 1.5 | 7 |
| 7 | Selection of both habitat and genes in specialized and endangered caribou. <i>Conservation Biology</i> , 2022, 36, . | 2.4 | 1 |
| 8 | Beyond the encounter: Predicting multi-predator risk to elk (<i>Cervus canadensis</i>) in summer using predator scats. <i>Ecology and Evolution</i> , 2022, 12, e8589. | 0.8 | 3 |
| 9 | Indigenous-led conservation: Pathways to recovery for the nearly extirpated Kline's mountain caribou. <i>Ecological Applications</i> , 2022, 32, e2581. | 1.8 | 24 |
| 10 | Demographic responses of nearly extirpated endangered mountain caribou to recovery actions in Central British Columbia. <i>Ecological Applications</i> , 2022, 32, e2580. | 1.8 | 14 |
| 11 | Towns and trails drive carnivore movement behaviour, resource selection, and connectivity. <i>Movement Ecology</i> , 2022, 10, 17. | 1.3 | 22 |
| 12 | Predator control may not increase ungulate populations in the future: A formal meta-analysis. <i>Journal of Applied Ecology</i> , 2021, 58, 812-824. | 1.9 | 13 |
| 13 | Stochastic predation exposes prey to predator pits and local extinction. <i>Oikos</i> , 2021, 130, 300-309. | 1.2 | 9 |
| 14 | Habitat loss on seasonal migratory range imperils an endangered ungulate. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12039. | 0.8 | 12 |
| 15 | Patterns and processes of pathogen exposure in gray wolves across North America. <i>Scientific Reports</i> , 2021, 11, 3722. | 1.6 | 6 |
| 16 | Habitat loss accelerates for the endangered woodland caribou in western Canada. <i>Conservation Science and Practice</i> , 2021, 3, e437. | 0.9 | 35 |
| 17 | Influence of water temperature and biotic interactions on the distribution of westslope cutthroat trout (<i>Oncorhynchus clarkii lewisi</i>) in a population stronghold under climate change. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 444-456. | 0.7 | 4 |
| 18 | Disturbance type and species life history predict mammal responses to humans. <i>Global Change Biology</i> , 2021, 27, 3718-3731. | 4.2 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Mapping out a future for ungulate migrations. <i>Science</i> , 2021, 372, 566-569. | 6.0 | 61 |
| 20 | Integrating counts, telemetry, and non-invasive DNA data to improve demographic monitoring of an endangered species. <i>Ecosphere</i> , 2021, 12, e03443. | 1.0 | 6 |
| 21 | Mothers' Movements: Shifts in Calving Area Selection by Partially Migratory Elk. <i>Journal of Wildlife Management</i> , 2021, 85, 1476-1489. | 0.7 | 11 |
| 22 | Insect-mediated apparent competition between mammals in a boreal food web. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2022892118. | 3.3 | 13 |
| 23 | Predation risk increases in estuarine bivalves stressed by low salinity. <i>Marine Biology</i> , 2021, 168, 132. | 0.7 | 6 |
| 24 | Animal movements occurring during COVID-19 lockdown were predicted by connectivity models. <i>Global Ecology and Conservation</i> , 2021, 32, e01895. | 1.0 | 6 |
| 25 | A modeling exercise to show why population models should incorporate distinct life histories of dispersers. <i>Population Ecology</i> , 2021, 63, 134-144. | 0.7 | 1 |
| 26 | NINETEEN ROCKY MOUNTAIN ELK (CERVUS CANADENSIS NELSONI) KILLED IN AN AVALANCHE IN THE THREE SISTERS WILDERNESS. , 2021, 102, . | | 0 |
| 27 | Critical summer foraging tradeoffs in a subarctic ungulate. <i>Ecology and Evolution</i> , 2021, 11, 17835-17872. | 0.8 | 6 |
| 28 | Habitat predicts local prevalence of migratory behaviour in an alpine ungulate. <i>Journal of Animal Ecology</i> , 2020, 89, 1032-1044. | 1.3 | 20 |
| 29 | Phylogeography of moose in western North America. <i>Journal of Mammalogy</i> , 2020, 101, 10-23. | 0.6 | 11 |
| 30 | Integrated Carnivore-Ungulate Management: A Case Study in West-Central Montana. <i>Wildlife Monographs</i> , 2020, 206, 1-28. | 2.0 | 13 |
| 31 | 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 |
| 32 | The long road to protecting critical habitat for species at risk: The case of southern mountain woodland caribou. <i>Conservation Science and Practice</i> , 2020, 2, e219. | 0.9 | 17 |
| 33 | Competition for safe real estate, not food, drives density-dependent juvenile survival in a large herbivore. <i>Ecology and Evolution</i> , 2020, 10, 5464-5475. | 0.8 | 6 |
| 34 | Annual Pronghorn Survival of a Partially Migratory Population. <i>Journal of Wildlife Management</i> , 2020, 84, 1114-1126. | 0.7 | 10 |
| 35 | Density-Dependent Foraging Behaviors on Sympatric Winter Ranges in a Partially Migratory Elk Population. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, . | 1.1 | 10 |
| 36 | Ecological insights from three decades of animal movement tracking across a changing Arctic. <i>Science</i> , 2020, 370, 712-715. | 6.0 | 75 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Wolves without borders: Transboundary survival of wolves in Banff National Park over three decades. <i>Global Ecology and Conservation</i> , 2020, 24, e01293. | 1.0 | 13 |
| 38 | Behavioral modifications by a large-northern herbivore to mitigate warming conditions. <i>Movement Ecology</i> , 2020, 8, 39. | 1.3 | 8 |
| 39 | Accounting for imperfect detection in observational studies: modeling wolf sightability in Yellowstone National Park. <i>Ecosphere</i> , 2020, 11, e03152. | 1.0 | 4 |
| 40 | Reply to Craine: Bison redefine what it means to move to find food. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9171-9172. | 3.3 | 2 |
| 41 | When the protection of a threatened species depends on the economy of a foreign nation. <i>PLoS ONE</i> , 2020, 15, e0229555. | 1.1 | 9 |
| 42 | Wave-like Patterns of Plant Phenology Determine Ungulate Movement Tactics. <i>Current Biology</i> , 2020, 30, 3444-3449.e4. | 1.8 | 52 |
| 43 | Living with liver flukes: Does migration matter?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 12, 76-84. | 0.6 | 5 |
| 44 | Evaluating Responses by Sympatric Ungulates to Fence Modifications Across the Northern Great Plains. <i>Wildlife Society Bulletin</i> , 2020, 44, 130-141. | 1.6 | 17 |
| 45 | Behavioral responses to spring snow conditions contribute to long-term shift in migration phenology in American robins. <i>Environmental Research Letters</i> , 2020, 15, 045003. | 2.2 | 12 |
| 46 | Lichen cover mapping for caribou ranges in interior Alaska and Yukon. <i>Environmental Research Letters</i> , 2020, 15, 055001. | 2.2 | 26 |
| 47 | Denning phenology and reproductive success of wolves in response to climate signals. <i>Environmental Research Letters</i> , 2020, 15, 125001. | 2.2 | 6 |
| 48 | Multi-scale habitat assessment of pronghorn migration routes. <i>PLoS ONE</i> , 2020, 15, e0241042. | 1.1 | 15 |
| 49 | An eco-evolutionary feedback loop between population dynamics and fighter expression affects the evolution of alternative reproductive tactics. <i>Journal of Animal Ecology</i> , 2019, 88, 11-23. | 1.3 | 11 |
| 50 | Fences reduce habitat for a partially migratory ungulate in the Northern Sagebrush Steppe. <i>Ecosphere</i> , 2019, 10, e02782. | 1.0 | 27 |
| 51 | Functional response of wolves to human development across boreal North America. <i>Ecology and Evolution</i> , 2019, 9, 10801-10815. | 0.8 | 48 |
| 52 | Winter recreation and Canada lynx: reducing conflict through niche partitioning. <i>Ecosphere</i> , 2019, 10, e02876. | 1.0 | 9 |
| 53 | Longest terrestrial migrations and movements around the world. <i>Scientific Reports</i> , 2019, 9, 15333. | 1.6 | 91 |
| 54 | Cross-level considerations for explaining selection pressures and the maintenance of genetic variation in condition-dependent male morphs. <i>Current Opinion in Insect Science</i> , 2019, 36, 66-73. | 2.2 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Prevalence and Mechanisms of Partial Migration in Ungulates. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, . | 1.1 | 56 |
| 56 | The spatial distribution and population density of tigers in mountainous terrain of Bhutan. <i>Biological Conservation</i> , 2019, 238, 108192. | 1.9 | 24 |
| 57 | Species-specific differences in detection and occupancy probabilities help drive ability to detect trends in occupancy. <i>Ecosphere</i> , 2019, 10, e02639. | 1.0 | 14 |
| 58 | A century of changing fire management alters ungulate forage in a wildfire-dominated landscape. <i>Forestry</i> , 2019, 92, 523-537. | 1.2 | 16 |
| 59 | Wolverines in winter: indirect habitat loss and functional responses to backcountry recreation. <i>Ecosphere</i> , 2019, 10, e02611. | 1.0 | 47 |
| 60 | Beyond protected areas: Private lands and public policy anchor intact pathways for multi-species wildlife migration. <i>Biological Conservation</i> , 2019, 234, 18-27. | 1.9 | 31 |
| 61 | Web-based application for threatened woodland caribou population modeling. <i>Wildlife Society Bulletin</i> , 2019, 43, 167-177. | 1.6 | 4 |
| 62 | Saving endangered species using adaptive management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6181-6186. | 3.3 | 95 |
| 63 | Tactical departures and strategic arrivals: Divergent effects of climate and weather on caribou spring migrations. <i>Ecosphere</i> , 2019, 10, e02971. | 1.0 | 50 |
| 64 | Migrating bison engineer the green wave. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25707-25713. | 3.3 | 74 |
| 65 | Integrating snow science and wildlife ecology in Arctic-boreal North America. <i>Environmental Research Letters</i> , 2019, 14, 010401. | 2.2 | 55 |
| 66 | Costs of weaponry: Unarmed males sire more offspring than armed males in a male-dimorphic mite. <i>Journal of Evolutionary Biology</i> , 2019, 32, 153-162. | 0.8 | 12 |
| 67 | Functional responses in habitat selection: clarifying hypotheses and interpretations. <i>Ecological Applications</i> , 2019, 29, e01852. | 1.8 | 61 |
| 68 | Large herbivore migration plasticity along environmental gradients in Europe: life-history traits modulate forage effects. <i>Oikos</i> , 2019, 128, 416-429. | 1.2 | 44 |
| 69 | Genomics, environment and balancing selection in behaviourally bimodal populations: The caribou case. <i>Molecular Ecology</i> , 2019, 28, 1946-1963. | 2.0 | 18 |
| 70 | Forest structure provides the income for reproductive success in a southern population of Canada lynx. <i>Ecological Applications</i> , 2018, 28, 1032-1043. | 1.8 | 16 |
| 71 | Density-independent predation affects migrants and residents equally in a declining partially migratory elk population. <i>Oikos</i> , 2018, 127, 1304-1318. | 1.2 | 17 |
| 72 | Factors influencing elk recruitment across ecotypes in the Western United States. <i>Journal of Wildlife Management</i> , 2018, 82, 698-710. | 0.7 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | General conclusion to the special issue Moving forward on individual heterogeneity. <i>Oikos</i> , 2018, 127, 750-756. | 1.2 | 8 |
| 74 | Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. <i>Science</i> , 2018, 359, 466-469. | 6.0 | 783 |
| 75 | Evaluating responses by pronghorn to fence modifications across the Northern Great Plains. <i>Wildlife Society Bulletin</i> , 2018, 42, 225-236. | 1.6 | 24 |
| 76 | Population consequences of individual heterogeneity in life histories: overcompensation in response to harvesting of alternative reproductive tactics. <i>Oikos</i> , 2018, 127, 738-749. | 1.2 | 17 |
| 77 | Generalized spatial mark-resight models with an application to grizzly bears. <i>Journal of Applied Ecology</i> , 2018, 55, 157-168. | 1.9 | 51 |
| 78 | Sampling scales define occupancy and underlying occupancy-abundance relationships in animals. <i>Ecology</i> , 2018, 99, 172-183. | 1.5 | 93 |
| 79 | Linking Phenological Indices from Digital Cameras in Idaho and Montana to MODIS NDVI. <i>Remote Sensing</i> , 2018, 10, 1612. | 1.8 | 17 |
| 80 | Relationships between humans and ungulate prey shape Amur tiger occurrence in a core protected area along the Sino-Russian border. <i>Ecology and Evolution</i> , 2018, 8, 11677-11693. | 0.8 | 21 |
| 81 | 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 |
| 82 | Life-history consequences of bidirectional selection for male morph in a male-dimorphic bulb mite. <i>Experimental and Applied Acarology</i> , 2018, 76, 435-452. | 0.7 | 4 |
| 83 | Natural regeneration on seismic lines influences movement behaviour of wolves and grizzly bears. <i>PLoS ONE</i> , 2018, 13, e0195480. | 1.1 | 33 |
| 84 | Sharing the same slope: Behavioral responses of a threatened mesocarnivore to motorized and nonmotorized winter recreation. <i>Ecology and Evolution</i> , 2018, 8, 8555-8572. | 0.8 | 11 |
| 85 | Predation shapes the evolutionary traits of cervid weapons. <i>Nature Ecology and Evolution</i> , 2018, 2, 1619-1625. | 3.4 | 18 |
| 86 | Evidence for a third male type in a male-dimorphic model species. <i>Ecology</i> , 2018, 99, 1685-1687. | 1.5 | 12 |
| 87 | Classifying the migration behaviors of pronghorn on their northern range. <i>Journal of Wildlife Management</i> , 2018, 82, 1229-1242. | 0.7 | 40 |
| 88 | Trait-based predictions and responses from laboratory mite populations to harvesting in stochastic environments. <i>Journal of Animal Ecology</i> , 2018, 87, 893-905. | 1.3 | 12 |
| 89 | How plastic is migratory behavior? Quantifying elevational movement in a partially migratory alpine ungulate, the Sierra Nevada bighorn sheep (<i>Ovis canadensis sierrae</i>). <i>Canadian Journal of Zoology</i> , 2018, 96, 1385-1394. | 0.4 | 26 |
| 90 | To jump or not to jump: Mule deer and white-tailed deer fence crossing decisions. <i>Wildlife Society Bulletin</i> , 2018, 42, 420-429. | 1.6 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Navigating snowscapes: scale-dependent responses of mountain sheep to snowpack properties. <i>Ecological Applications</i> , 2018, 28, 1715-1729. | 1.8 | 30 |
| 92 | Free satellite data key to conservation. <i>Science</i> , 2018, 361, 139-140. | 6.0 | 7 |
| 93 | Migration in geographic and ecological space by a large herbivore. <i>Ecological Monographs</i> , 2017, 87, 297-320. | 2.4 | 46 |
| 94 | Billion dollar boreal woodland caribou and the biodiversity impacts of the global oil and gas industry. <i>Biological Conservation</i> , 2017, 206, 102-111. | 1.9 | 117 |
| 95 | 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 |
| 96 | Regional-scale models for predicting overwinter survival of juvenile ungulates. <i>Journal of Wildlife Management</i> , 2017, 81, 364-378. | 0.7 | 22 |
| 97 | Assessing the importance of demographic parameters for population dynamics using Bayesian integrated population modeling. <i>Ecological Applications</i> , 2017, 27, 1280-1293. | 1.8 | 36 |
| 98 | â€MigrateRâ€™: extending model-driven methods for classifying and quantifying animal movement behavior. <i>Ecography</i> , 2017, 40, 788-799. | 2.1 | 67 |
| 99 | Density and population structure of the jaguar (<i>Panthera onca</i>) in a protected area of Los Llanos, Venezuela, from 1 year of camera trap monitoring. <i>Mammal Research</i> , 2017, 62, 9-19. | 0.6 | 38 |
| 100 | Plastic response by a small cervid to supplemental feeding in winter across a wide environmental gradient. <i>Ecosphere</i> , 2017, 8, e01629. | 1.0 | 31 |
| 101 | Scaling-up camera traps: monitoring the planet's biodiversity with networks of remote sensors. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 26-34. | 1.9 | 287 |
| 102 | Modeling large-scale winter recreation terrain selection with implications for recreation management and wildlife. <i>Applied Geography</i> , 2017, 86, 66-91. | 1.7 | 23 |
| 103 | Canada fails to protect its caribou. <i>Science</i> , 2017, 358, 730-731. | 6.0 | 18 |
| 104 | Mechanistic description of population dynamics using dynamic energy budget theory incorporated into integral projection models. <i>Methods in Ecology and Evolution</i> , 2017, 8, 146-154. | 2.2 | 52 |
| 105 | Unsuccessful dispersal affects life history characteristics of natal populations: The role of dispersal related variation in vital rates. <i>Ecological Modelling</i> , 2017, 366, 37-47. | 1.2 | 4 |
| 106 | Energy Sprawl and Wildlife Conservation. , 2017, , 38-50. | | 1 |
| 107 | Behavioural flexibility in migratory behaviour in a long-lived large herbivore. <i>Journal of Animal Ecology</i> , 2016, 85, 785-797. | 1.3 | 100 |
| 108 | How many routes lead to migration? Comparison of methods to assess and characterize migratory movements. <i>Journal of Animal Ecology</i> , 2016, 85, 54-68. | 1.3 | 89 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Variation in stability of elk and red deer populations with abiotic and biotic factors at the speciesâ€distribution scale. <i>Ecology</i> , 2016, 97, 3184-3194. | 1.5 | 7 |
| 110 | Evaluating sources of censoring and truncation in telemetryâ€based survival data. <i>Journal of Wildlife Management</i> , 2016, 80, 138-148. | 0.7 | 24 |
| 111 | Annual elk calf survival in a multiple carnivore system. <i>Journal of Wildlife Management</i> , 2016, 80, 1345-1359. | 0.7 | 34 |
| 112 | Summer habitat selection by Dallâ€™s sheep in Wrangell-St. Elias National Park and Preserve, Alaska. <i>Journal of Mammalogy</i> , 2016, , gyw135. | 0.6 | 3 |
| 113 | Camera-based occupancy monitoring at large scales: Power to detect trends in grizzly bears across the Canadian Rockies. <i>Biological Conservation</i> , 2016, 201, 192-200. | 1.9 | 65 |
| 114 | Gravel-bed river floodplains are the ecological nexus of glaciated mountain landscapes. <i>Science Advances</i> , 2016, 2, e1600026. | 4.7 | 146 |
| 115 | Linking landscapeâ€scale differences in forage to ungulate nutritional ecology. <i>Ecological Applications</i> , 2016, 26, 2156-2174. | 1.8 | 57 |
| 116 | Estimating abundance and density of Amur tigers along the Sinoâ€Russian border. <i>Integrative Zoology</i> , 2016, 11, 322-332. | 1.3 | 19 |
| 117 | Assessing Potential Habitat and Carrying Capacity for Reintroduction of Plains Bison (<i>Bison bison</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 48 | 1.1 | 48 |
| 118 | Effects of yearling, juvenile and adult survival on reef manta ray (<i>Manta alfredi</i>) demography. <i>PeerJ</i> , 2016, 4, e2370. | 0.9 | 4 |
| 119 | New hope for the survival of the Amur leopard in China. <i>Scientific Reports</i> , 2015, 5, 15475. | 1.6 | 34 |
| 120 | Examining Temporal Sample Scale and Model Choice with Spatial Capture-Recapture Models in the Common Leopard <i>Panthera pardus</i> . <i>PLoS ONE</i> , 2015, 10, e0140757. | 1.1 | 31 |
| 121 | Legacies of Past Exploitation and Climate affect Mammalian Sexes Differently on the Roof of the World - The Case of Wild Yaks. <i>Scientific Reports</i> , 2015, 5, 8676. | 1.6 | 12 |
| 122 | Linking resource selection and mortality modeling for population estimation of mountain lions in Montana. <i>Ecological Modelling</i> , 2015, 312, 11-25. | 1.2 | 23 |
| 123 | Snow sinking depth and forest canopy drive winter resource selection more than supplemental feeding in an alpine population of roe deer. <i>European Journal of Wildlife Research</i> , 2015, 61, 111-124. | 0.7 | 26 |
| 124 | Modeling multi-scale resource selection for bear rubs in northwestern Montana. <i>Ursus</i> , 2015, 26, 28-39. | 0.3 | 5 |
| 125 | Reply to the comment by Harron on â€Widespread declines in woodland caribou (<i>Rangifer tarandus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 0.4 2 | 0.4 | 2 |
| 126 | Addendum to â€Managing wolves (<i>Canis lupus</i>) to recover threatened woodland caribou (<i>Rangifer</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.4 15 | 0.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Good for the group? Explaining apparent group-level adaptation. <i>Trends in Ecology and Evolution</i> , 2015, 30, 379-381. | 4.2 | 10 |
| 128 | Resource selection and connectivity reveal conservation challenges for reintroduced brown bears in the Italian Alps. <i>Biological Conservation</i> , 2015, 186, 123-133. | 1.9 | 67 |
| 129 | Integrating resource selection into spatial capture-recapture models for large carnivores. <i>Ecosphere</i> , 2015, 6, 1-15. | 1.0 | 49 |
| 130 | Evaluating multispecies landscape connectivity in a threatened tropical mammal community. <i>Conservation Biology</i> , 2015, 29, 122-132. | 2.4 | 155 |
| 131 | Estimating occupancy using spatially and temporally replicated snow surveys. <i>Animal Conservation</i> , 2015, 18, 92-101. | 1.5 | 26 |
| 132 | Life History Consequences of the Facultative Expression of a Dispersal Life Stage in the Phoretic Bulb Mite (<i>Rhizoglyphus robini</i>). <i>PLoS ONE</i> , 2015, 10, e0136872. | 1.1 | 14 |
| 133 | Consequences of a Refuge for the Predator-Prey Dynamics of a Wolf-Elk System in Banff National Park, Alberta, Canada. <i>PLoS ONE</i> , 2014, 9, e91417. | 1.1 | 17 |
| 134 | Functional analysis of Normalized Difference Vegetation Index curves reveals overwinter mule deer survival is driven by both spring and autumn phenology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130196. | 1.8 | 97 |
| 135 | Managing wolves (<i>Canis lupus</i>) to recover threatened woodland caribou (<i>Rangifer tarandus caribou</i>) in Alberta. <i>Canadian Journal of Zoology</i> , 2014, 92, 1029-1037. | 0.4 | 98 |
| 136 | Contrasting aerial moose population estimation methods and evaluating sightability in west-central Alberta, Canada. <i>Wildlife Society Bulletin</i> , 2014, 38, 639-649. | 1.6 | 18 |
| 137 | Linking habitat selection and predation risk to spatial variation in survival. <i>Journal of Animal Ecology</i> , 2014, 83, 343-352. | 1.3 | 97 |
| 138 | Amur tiger (<i>Panthera tigris altaica</i>) energetic requirements: Implications for conserving wild tigers. <i>Biological Conservation</i> , 2014, 170, 120-129. | 1.9 | 39 |
| 139 | Comparing traditional ecological knowledge and western science woodland caribou habitat models. <i>Journal of Wildlife Management</i> , 2014, 78, 112-121. | 0.7 | 53 |
| 140 | Status and Ecological Effects of the World's Largest Carnivores. <i>Science</i> , 2014, 343, 1241-1244. | 6.0 | 2,390 |
| 141 | A test of the compensatory mortality hypothesis in mountain lions: A management experiment in West-Central Montana. <i>Journal of Wildlife Management</i> , 2014, 78, 791-807. | 0.7 | 40 |
| 142 | Correlative Changes in Life-History Variables in Response to Environmental Change in a Model Organism. <i>American Naturalist</i> , 2014, 183, 784-797. | 1.0 | 19 |
| 143 | Including biotic interactions with ungulate prey and humans improves habitat conservation modeling for endangered Amur tigers in the Russian Far East. <i>Biological Conservation</i> , 2014, 178, 50-64. | 1.9 | 54 |
| 144 | Life-History Differences Favor Evolution of Male Dimorphism in Competitive Games. <i>American Naturalist</i> , 2014, 183, 188-198. | 1.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Crying Wolf? A Spatial Analysis of Wolf Location and Depredations on Calf Weight. <i>American Journal of Agricultural Economics</i> , 2014, 96, 631-656. | 2.4 | 36 |
| 146 | Identifying non-independent anthropogenic risks using a behavioral individual-based model. <i>Ecological Complexity</i> , 2014, 17, 67-78. | 1.4 | 10 |
| 147 | Estimating Amur tiger (<i>Panthera tigris altaica</i>) kill rates and potential consumption rates using global positioning system collars. <i>Journal of Mammalogy</i> , 2013, 94, 845-855. | 0.6 | 47 |
| 148 | Consequences of ratio-dependent predation by wolves for elk population dynamics. <i>Population Ecology</i> , 2013, 55, 511-522. | 0.7 | 23 |
| 149 | Widespread declines in woodland caribou (<i>Rangifer tarandus caribou</i>) continue in Alberta. <i>Canadian Journal of Zoology</i> , 2013, 91, 872-882. | 0.4 | 113 |
| 150 | Ecological Consequences of Sea-Ice Decline. <i>Science</i> , 2013, 341, 519-524. | 6.0 | 461 |
| 151 | Evaluating apparent competition in limiting the recovery of an endangered ungulate. <i>Oecologia</i> , 2013, 171, 295-307. | 0.9 | 49 |
| 152 | Combining resource selection and movement behavior to predict corridors for Canada lynx at their southern range periphery. <i>Biological Conservation</i> , 2013, 157, 187-195. | 1.9 | 104 |
| 153 | Relative influence of human harvest, carnivores, and weather on adult female elk survival across western North America. <i>Journal of Applied Ecology</i> , 2013, 50, 295-305. | 1.9 | 77 |
| 154 | Resource separation analysis with moose indicates threats to caribou in human altered landscapes. <i>Ecography</i> , 2013, 36, 487-498. | 2.1 | 48 |
| 155 | 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 |
| 156 | Royal Manas National Park, Bhutan: a hot spot for wild felids. <i>Oryx</i> , 2013, 47, 207-210. | 0.5 | 18 |
| 157 | Wolves, white-tailed deer, and beaver: implications of seasonal prey switching for woodland caribou declines. <i>Ecography</i> , 2013, 36, 1276-1290. | 2.1 | 86 |
| 158 | The importance of observation versus process error in analyses of global ungulate populations. <i>Scientific Reports</i> , 2013, 3, 3125. | 1.6 | 41 |
| 159 | Humans Strengthen Bottom-Up Effects and Weaken Trophic Cascades in a Terrestrial Food Web. <i>PLoS ONE</i> , 2013, 8, e64311. | 1.1 | 67 |
| 160 | PREVALENCE OF ANTIBODIES TO CANINE PARVOVIRUS AND DISTEMPER VIRUS IN WOLVES IN THE CANADIAN ROCKY MOUNTAINS. <i>Journal of Wildlife Diseases</i> , 2012, 48, 68-76. | 0.3 | 14 |
| 161 | Forage Value of Invasive Species to the Diet of Rocky Mountain Elk. <i>Rangelands</i> , 2012, 34, 24-28. | 0.9 | 7 |
| 162 | Missing lynx and trophic cascades in food webs: A reply to Ripple et al.. <i>Wildlife Society Bulletin</i> , 2012, 36, 567-571. | 1.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Is there a future for <i>Amur tigers</i> in a restored tiger conservation landscape in northeast China?. <i>Animal Conservation</i> , 2012, 15, 579-592. | 1.5 | 41 |
| 164 | Why are caribou declining in the oil sands?. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 65-67. | 1.9 | 44 |
| 165 | Transcending scale dependence in identifying habitat with resource selection functions. <i>Ecological Applications</i> , 2012, 22, 1068-1083. | 1.8 | 160 |
| 166 | Short-term vegetation response to wildfire in the eastern Sierra Nevada: Implications for recovering an endangered ungulate. <i>Journal of Arid Environments</i> , 2012, 87, 118-128. | 1.2 | 24 |
| 167 | Linking Elk movement and resource selection to hunting pressure in a heterogeneous landscape. <i>Wildlife Society Bulletin</i> , 2012, 36, 658-668. | 1.6 | 45 |
| 168 | Estimating ungulate recruitment and growth rates using age ratios. <i>Journal of Wildlife Management</i> , 2012, 76, 144-153. | 0.7 | 60 |
| 169 | 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 |
| 170 | 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 |
| 171 | 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 |
| 172 | Carnivore habitat ecology: integrating theory and application. , 2012, , 218-255. | | 16 |
| 173 | Generalized functional responses for species distributions. <i>Ecology</i> , 2011, 92, 583-589. | 1.5 | 114 |
| 174 | Predicting potential habitat and population size for reintroduction of the Far Eastern leopards in the Russian Far East. <i>Biological Conservation</i> , 2011, 144, 2403-2413. | 1.9 | 79 |
| 175 | Identifying indirect habitat loss and avoidance of human infrastructure by northern mountain woodland caribou. <i>Biological Conservation</i> , 2011, 144, 2637-2646. | 1.9 | 120 |
| 176 | Human Activity Differentially Redistributes Large Mammals in the Canadian Rockies National Parks. <i>Ecology and Society</i> , 2011, 16, . | 1.0 | 118 |
| 177 | Predicting prey population dynamics from kill rate, predation rate and predator-prey ratios in three wolf-ungulate systems. <i>Journal of Animal Ecology</i> , 2011, 80, 1236-1245. | 1.3 | 105 |
| 178 | Neonatal mortality of elk driven by climate, predator phenology and predator community composition. <i>Journal of Animal Ecology</i> , 2011, 80, 1246-1257. | 1.3 | 161 |
| 179 | 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 |
| 180 | Demographic balancing of migrant and resident elk in a partially migratory population through forage-predation tradeoffs. <i>Oikos</i> , 2011, 120, 1860-1870. | 1.2 | 108 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Unreliable knowledge about economic impacts of large carnivores on bovine calves. <i>Journal of Wildlife Management</i> , 2011, 75, 1724-1730. | 0.7 | 11 |
| 182 | Demographic response of mule deer to experimental reduction of coyotes and mountain lions in southeastern Idaho. <i>Wildlife Monographs</i> , 2011, 178, 1-33. | 2.0 | 101 |
| 183 | Effects of Energy Development on Ungulates. , 2011, , 71-94. | | 21 |
| 184 | Endangered, apparently: the role of apparent competition in endangered species conservation. <i>Animal Conservation</i> , 2010, 13, 353-362. | 1.5 | 170 |
| 185 | Are migrant and resident elk (<i>Cervus elaphus</i>) exposed to similar forage and predation risk on their sympatric winter range?. <i>Oecologia</i> , 2010, 164, 265-275. | 0.9 | 31 |
| 186 | How humans shape wolf behavior in Banff and Kootenay National Parks, Canada. <i>Ecological Modelling</i> , 2010, 221, 2374-2387. | 1.2 | 23 |
| 187 | Review of research methodologies for tigers: Telemetry. <i>Integrative Zoology</i> , 2010, 5, 378-389. | 1.3 | 19 |
| 188 | Revisiting Extinction in National Parks: Mountain Caribou in Banff. <i>Conservation Biology</i> , 2010, 24, 341-344. | 2.4 | 60 |
| 189 | The Role of Translocation in Recovery of Woodland Caribou Populations. <i>Conservation Biology</i> , 2010, 25, no-no. | 2.4 | 26 |
| 190 | Differential risk effects of wolves on wild versus domestic prey have consequences for conservation. <i>Oikos</i> , 2010, 119, 1243-1254. | 1.2 | 33 |
| 191 | Restoration of genetic connectivity among Northern Rockies wolf populations. <i>Molecular Ecology</i> , 2010, 19, 4383-4385. | 2.0 | 3 |
| 192 | Correlation and studies of habitat selection: problem, red herring or opportunity?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2233-2244. | 1.8 | 228 |
| 193 | Building a mechanistic understanding of predation with GPS-based movement data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2279-2288. | 1.8 | 89 |
| 194 | Resolving issues of imprecise and habitat-biased locations in ecological analyses using GPS telemetry data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2187-2200. | 1.8 | 300 |
| 195 | Habitatâ€“performance relationships: finding the right metric at a given spatial scale. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2255-2265. | 1.8 | 250 |
| 196 | The interpretation of habitat preference metrics under useâ€“availability designs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2245-2254. | 1.8 | 297 |
| 197 | Distinguishing technology from biology: a critical review of the use of GPS telemetry data in ecology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2303-2312. | 1.8 | 470 |
| 198 | The distribution of unequal predators across food patches is not necessarily (semi)truncated. <i>Behavioral Ecology</i> , 2009, 20, 525-534. | 1.0 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | Survival in the Rockies of an endangered hybrid swarm from diverged caribou (<i>Rangifer</i>) Tj ETQq1 1 0.784314 rgBT /Overlogk 10 T 5 | 2.0 | 89 |
| 200 | Trophic consequences of postfire logging in a wolf-ungulate system. <i>Forest Ecology and Management</i> , 2009, 257, 1053-1062. | 1.4 | 47 |
| 201 | Global Population Dynamics and Hot Spots of Response to Climate Change. <i>BioScience</i> , 2009, 59, 489-497. | 2.2 | 62 |
| 202 | Tradeoffs between predation risk and forage differ between migrant strategies in a migratory ungulate. <i>Ecology</i> , 2009, 90, 3445-3454. | 1.5 | 272 |
| 203 | Fluctuating Asymmetry in elk <i>Cervus elaphus</i> Antlers is Unrelated to Environmental Conditions in the Greater Yellowstone Ecosystem. <i>Wildlife Biology</i> , 2009, 15, 299-309. | 0.6 | 4 |
| 204 | Modelling wildlife-human relationships for social species with mixed-effects resource selection models. <i>Journal of Applied Ecology</i> , 2008, 45, 834-844. | 1.9 | 292 |
| 205 | Statistical Methods for Identifying Wolf Kill Sites Using Global Positioning System Locations. <i>Journal of Wildlife Management</i> , 2008, 72, 798-807. | 0.7 | 118 |
| 206 | A MULTI-SCALE TEST OF THE FORAGE MATURATION HYPOTHESIS IN A PARTIALLY MIGRATORY UNGULATE POPULATION. <i>Ecological Monographs</i> , 2008, 78, 141-166. | 2.4 | 384 |
| 207 | Are All Global Positioning System Collars Created Equal? Correcting Habitat-Induced Bias Using Three Brands in the Central Canadian Rockies. <i>Journal of Wildlife Management</i> , 2007, 71, 2026-2033. | 0.7 | 104 |
| 208 | Multiscale wolf predation risk for elk: does migration reduce risk?. <i>Oecologia</i> , 2007, 152, 377-387. | 0.9 | 182 |
| 209 | Conditions for caribou persistence in the wolf-elk-caribou systems of the Canadian Rockies. <i>Rangifer</i> , 2007, 27, 79. | 0.6 | 29 |
| 210 | A spatially explicit model for an Allee effect: Why wolves recolonize so slowly in Greater Yellowstone. <i>Theoretical Population Biology</i> , 2006, 70, 244-254. | 0.5 | 55 |
| 211 | Is the Migratory Behavior of Montane Elk Herds in Peril? The Case of Alberta's Ya Ha Tinda Elk Herd. <i>Wildlife Society Bulletin</i> , 2006, 34, 1280-1294. | 1.6 | 62 |
| 212 | Application of random effects to the study of resource selection by animals. <i>Journal of Animal Ecology</i> , 2006, 75, 887-898. | 1.3 | 615 |
| 213 | HUMAN ACTIVITY MEDIATES A TROPHIC CASCADE CAUSED BY WOLVES. <i>Ecology</i> , 2005, 86, 2135-2144. | 1.5 | 359 |
| 214 | Predation by wolves interacts with the North Pacific Oscillation (NPO) on a western North American elk population. <i>Journal of Animal Ecology</i> , 2005, 74, 226-233. | 1.3 | 81 |
| 215 | Spatial decomposition of predation risk using resource selection functions: an example in a wolf-elk predator-prey system. <i>Oikos</i> , 2005, 111, 101-111. | 1.2 | 253 |
| 216 | Black bear (<i>Ursus americanus</i>) survival and demography in the Bow Valley of Banff National Park, Alberta. <i>Biological Conservation</i> , 2003, 112, 415-425. | 1.9 | 57 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 217 | Effects of elk group size on predation by wolves. Canadian Journal of Zoology, 2002, 80, 800-809. | 0.4 | 168 |
| 218 | Elk population dynamics in areas with and without predation by recolonizing wolves in Banff National Park, Alberta. Canadian Journal of Zoology, 2002, 80, 789-799. | 0.4 | 81 |
| 219 | Predicting Mule Deer Harvests in Real Time. , 0, , 194-228. | | 0 |
| 220 | Wolf Community Ecology:. , 0, , 69-121. | | 16 |
| 221 | The effect of fire on spatial separation between wolves and caribou. Rangifer, 0, , 277-294. | 0.6 | 10 |
| 222 | Mapping tundra ecosystem plant functional type cover, height and aboveground biomass in Alaska and northwest Canada using unmanned aerial vehicles. Arctic Science, 0, , . | 0.9 | 1 |