

Evelyn H Merrill

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

8,339
citations

57758

44
h-index

48315

88
g-index

108
all docs

108
docs citations

108
times ranked

6608
citing authors

#	ARTICLE	IF	CITATIONS
1	Large herbivores in a partially migratory population search for the ideal free home. <i>Ecology</i> , 2022, 103, e3652.	3.2	8
2	Beyond the encounter: Predicting multi-â€ predator risk to elk (<i>Cervus canadensis</i>) in summer using predator scats. <i>Ecology and Evolution</i> , 2022, 12, e8589.	1.9	3
3	Spreading speed of chronic wasting disease across deer groups with overlapping home ranges. <i>Journal of Theoretical Biology</i> , 2022, , 111135.	1.7	0
4	Mapping out a future for ungulate migrations. <i>Science</i> , 2021, 372, 566-569.	12.6	61
5	Mothers' Movements: Shifts in Calving Area Selection by Partially Migratory Elk. <i>Journal of Wildlife Management</i> , 2021, 85, 1476-1489.	1.8	11
6	Hierarchical, Memory-Based Movement Models for Translocated Elk (<i>Cervus canadensis</i>). <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	5
7	Spatio-temporal changes in chronic wasting disease risk in wild deer during 14 years of surveillance in Alberta, Canada. <i>Preventive Veterinary Medicine</i> , 2021, 197, 105512.	1.9	9
8	Density-Dependent Foraging Behaviors on Sympatric Winter Ranges in a Partially Migratory Elk Population. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	10
9	Wave-like Patterns of Plant Phenology Determine Ungulate Movement Tactics. <i>Current Biology</i> , 2020, 30, 3444-3449.e4.	3.9	52
10	Living with liver flukes: Does migration matter?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 12, 76-84.	1.5	5
11	A collaborative approach to bridging the gap between wildlife managers and researchers. <i>Journal of Wildlife Management</i> , 2019, 83, 1644-1651.	1.8	24
12	Functional response of wolves to human development across boreal North America. <i>Ecology and Evolution</i> , 2019, 9, 10801-10815.	1.9	48
13	Prevalence and Mechanisms of Partial Migration in Ungulates. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	56
14	Density-â€ independent predation affects migrants and residents equally in a declining partially migratory elk population. <i>Oikos</i> , 2018, 127, 1304-1318.	2.7	17
15	Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. <i>Science</i> , 2018, 359, 466-469.	12.6	783
16	Functional connectivity in ruminants: A generalized state-dependent modelling approach. <i>PLoS ONE</i> , 2018, 13, e0199671.	2.5	5
17	Identifying guard hairs of Rocky Mountain carnivores. <i>Wildlife Society Bulletin</i> , 2018, 42, 706-712.	1.6	2
18	Elk nutritional resources: Herbicides, herbivory and forest succession at Mount St. Helens. <i>Forest Ecology and Management</i> , 2017, 401, 242-254.	3.2	12

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19	Hierarchical trade-offs between risk and reward mediated by behavior. <i>Mammal Research</i> , 2017, 62, 129-140.	1.3	9
20	Territory surveillance and prey management: Wolves keep track of space and time. <i>Ecology and Evolution</i> , 2017, 7, 8388-8405.	1.9	37
21	Behavioural flexibility in migratory behaviour in a long-lived large herbivore. <i>Journal of Animal Ecology</i> , 2016, 85, 785-797.	2.8	100
22	Landscape connectivity predicts chronic wasting disease risk in Canada. <i>Journal of Applied Ecology</i> , 2016, 53, 1450-1459.	4.0	33
23	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.	2.8	89
24	REVIEW: Can habitat selection predict abundance?. <i>Journal of Animal Ecology</i> , 2016, 85, 11-20.	2.8	94
25	Chronic Wasting Disease: Transmission Mechanisms and the Possibility of Harvest Management. <i>PLoS ONE</i> , 2016, 11, e0151039.	2.5	31
26	A word about supplemental materials. <i>Journal of Wildlife Management</i> , 2015, 79, 1039-1040.	1.8	2
27	The time has come and gone. <i>Journal of Wildlife Management</i> , 2015, 79, 1211-1212.	1.8	1
28	Bibliographic databases: Is The Journal of Wildlife Management being found?. <i>Journal of Wildlife Management</i> , 2015, 79, 693-694.	1.8	0
29	Empirical Estimation of R0 for Unknown Transmission Functions: The Case of Chronic Wasting Disease in Alberta. <i>PLoS ONE</i> , 2015, 10, e0140024.	2.5	5
30	Sensitivity and integrity of authorship. <i>Journal of Wildlife Management</i> , 2015, 79, 171-173.	1.8	2
31	Are management implications for the Journal ceremonial?. <i>Journal of Wildlife Management</i> , 2015, 79, 1-2.	1.8	6
32	Where we go wrong: Issues of dual publication and self-plagiarism. <i>Journal of Wildlife Management</i> , 2015, 79, 355-356.	1.8	5
33	What Taxa Are Appropriate for the Journal?. <i>Journal of Wildlife Management</i> , 2015, 79, 527-528.	1.8	2
34	The Time Had Come. <i>Journal of Wildlife Management</i> , 2014, 78, 1-2.	1.8	2
35	Should we be publishing more null results?. <i>Journal of Wildlife Management</i> , 2014, 78, 569-570.	1.8	2
36	Reviewer overload and what can we do about it. <i>Journal of Wildlife Management</i> , 2014, 78, 961-962.	1.8	15

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37	Why Publish in <i>The Journal of Wildlife Management</i> ?. <i>Journal of Wildlife Management</i> , 2014, 78, 181-182.	1.8	2
38	What's in a Title?. <i>Journal of Wildlife Management</i> , 2014, 78, 761-762.	1.8	11
39	Data sharing and reuse: What are the issues?. <i>Journal of Wildlife Management</i> , 2014, 78, 381-382.	1.8	7
40	Assassin or zealot: What makes a good manuscript review?. <i>Journal of Wildlife Management</i> , 2014, 78, 1129-1130.	1.8	3
41	Time flies when there is no downtime. <i>Journal of Wildlife Management</i> , 2014, 78, 1321-1321.	1.8	0
42	Foragingâ€“vigilance trade-offs in a partially migratory population: comparing migrants and residents on a sympatric range. <i>Animal Behaviour</i> , 2013, 85, 849-856.	1.9	28
43	Selection, use, choice and occupancy: clarifying concepts in resource selection studies. <i>Journal of Animal Ecology</i> , 2013, 82, 1183-1191.	2.8	227
44	Chronic wasting disease: Possible transmission mechanisms in deer. <i>Ecological Modelling</i> , 2013, 250, 244-257.	2.5	35
45	How linear features alter predator movement and the functional response. <i>Interface Focus</i> , 2012, 2, 205-216.	3.0	137
46	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.	0.8	14
47	Simulating carnivore movements: An occupancyâ€“abundance relationship for surveying wolves. <i>Wildlife Society Bulletin</i> , 2012, 36, 240-247.	1.6	11
48	Detection and stratification approaches for aerial surveys of deer in prairieâ€“parklands. <i>Wildlife Research</i> , 2012, 39, 593.	1.4	7
49	Wildlife disease elimination and density dependence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3139-3145.	2.6	58
50	Hierarchical predation: wolf (<i>Canis lupus</i>) selection along hunt paths and at kill sites. <i>Canadian Journal of Zoology</i> , 2012, 90, 555-563.	1.0	36
51	The influence of snow on the functional response of grazing ungulates. <i>Oikos</i> , 2012, 121, 28-34.	2.7	36
52	Timeâ€“toâ€“kill: measuring attack rates in a heterogenous landscape with multiple prey types. <i>Oikos</i> , 2012, 121, 711-720.	2.7	24
53	Targeting the detection of chronic wasting disease using the hunter harvest during early phases of an outbreak in Saskatchewan, Canada. <i>Preventive Veterinary Medicine</i> , 2012, 104, 149-159.	1.9	26
54	Multiscale population genetic analysis of mule deer (<i>Odocoileus hemionus hemionus</i>) in western Canada sheds new light on the spread of chronic wasting disease. <i>Canadian Journal of Zoology</i> , 2011, 89, 134-147.	1.0	33

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55	Demography of a harvested population of wolves (<i>Canis lupus</i>) in west-central Alberta, Canada. Canadian Journal of Zoology, 2011, 89, 744-752.	1.0	36
56	Demographic balancing of migrant and resident elk in a partially migratory population through forage-predation tradeoffs. Oikos, 2011, 120, 1860-1870.	2.7	108
57	Broad and fine-scale genetic analysis of white-tailed deer populations: estimating the relative risk of chronic wasting disease spread. Evolutionary Applications, 2011, 4, 116-131.	3.1	63
58	Modelling landscape effects on density-contact rate relationships of deer in eastern Alberta: Implications for chronic wasting disease. Ecological Modelling, 2011, 222, 2722-2732.	2.5	53
59	Twenty Years After the 1988 Yellowstone Fires: Lessons About Disturbance and Ecosystems. Ecosystems, 2011, 14, 1196-1215.	3.4	126
60	Are migrant and resident elk (<i>Cervus elaphus</i>) exposed to similar forage and predation risk on their sympatric winter range?. Oecologia, 2010, 164, 265-275.	2.0	31
61	Identifying Movement States From Location Data Using Cluster Analysis. Journal of Wildlife Management, 2010, 74, 588-594.	1.8	59
62	<i>Festuca campestris</i> alters root morphology and growth in response to simulated grazing and nitrogen form. Functional Ecology, 2010, 24, 283-292.	3.6	22
63	Building a mechanistic understanding of predation with GPS-based movement data. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2279-2288.	4.0	89
64	Foraging theory upscaled: the behavioural ecology of herbivore movement. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2267-2278.	4.0	271
65	Building the bridge between animal movement and population dynamics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2289-2301.	4.0	401
66	First Passage Time Analysis of Animal Movement and Insights into the Functional Response. Bulletin of Mathematical Biology, 2009, 71, 107-129.	1.9	66
67	The attraction of the known: the importance of spatial familiarity in habitat selection in wapiti <i>Cervus elaphus</i> . Ecography, 2009, 32, 401-410.	4.5	103
68	Polymorphisms at the <i>PRNP</i> Gene Influence Susceptibility to Chronic Wasting Disease in Two Species of Deer (<i>Odocoileus</i> Spp.) in Western Canada. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1025-1029.	2.3	49
69	Temporal dynamics of forage succession for elk at two scales: Implications of forest management. Forest Ecology and Management, 2009, 257, 96-106.	3.2	30
70	Trophic consequences of postfire logging in a wolf-ungulate system. Forest Ecology and Management, 2009, 257, 1053-1062.	3.2	47
71	Tradeoffs between predation risk and forage differ between migrant strategies in a migratory ungulate. Ecology, 2009, 90, 3445-3454.	3.2	272
72	Inferring linear feature use in the presence of GPS measurement error. Environmental and Ecological Statistics, 2009, 16, 531-546.	3.5	24

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73	Modelling wildlife-human relationships for social species with mixed-effects resource selection models. <i>Journal of Applied Ecology</i> , 2008, 45, 834-844.	4.0	292
74	Thresholds in landscape connectivity and mortality risks in response to growing road networks. <i>Journal of Applied Ecology</i> , 2008, 45, 1504-1513.	4.0	128
75	Statistical Methods for Identifying Wolf Kill Sites Using Global Positioning System Locations. <i>Journal of Wildlife Management</i> , 2008, 72, 798-807.	1.8	118
76	Using Resource Selection Functions to Improve Estimation of Elk Population Numbers. <i>Journal of Wildlife Management</i> , 2008, 72, 1798-1804.	1.8	13
77	A MULTI-SCALE TEST OF THE FORAGE MATURATION HYPOTHESIS IN A PARTIALLY MIGRATORY UNGULATE POPULATION. <i>Ecological Monographs</i> , 2008, 78, 141-166.	5.4	384
78	WILLOW ON YELLOWSTONE'S NORTHERN RANGE: EVIDENCE FOR A TROPHIC CASCADE?. <i>Ecological Applications</i> , 2007, 17, 1563-1571.	3.8	124
79	Know Thy Enemy: Experience Affects Elk Translocation Success in Risky Landscapes. <i>Journal of Wildlife Management</i> , 2007, 71, 541-554.	1.8	103
80	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.	1.8	104
81	Residuals cannot distinguish between ecological effects of habitat amount and fragmentation: implications for the debate. <i>Landscape Ecology</i> , 2007, 22, 811-820.	4.2	60
82	Multiscale wolf predation risk for elk: does migration reduce risk?. <i>Oecologia</i> , 2007, 152, 377-387.	2.0	182
83	Estimating woody browse availability for ungulates at increasing snow depths. <i>Forest Ecology and Management</i> , 2006, 222, 348-354.	3.2	44
84	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
85	Resource Selection Functions Based on Use-Availability Data: Theoretical Motivation and Evaluation Methods. <i>Journal of Wildlife Management</i> , 2006, 70, 347-357.	1.8	593
86	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.	2.7	253
87	HABITAT SELECTION BY ELK BEFORE AND AFTER WOLF REINTRODUCTION IN YELLOWSTONE NATIONAL PARK. <i>Journal of Wildlife Management</i> , 2005, 69, 1691-1707.	1.8	198
88	Adaptive models for large herbivore movements in heterogeneous landscapes. <i>Landscape Ecology</i> , 2005, 20, 301-316.	4.2	89
89	Factors influencing female home range sizes in elk (<i>Cervus elaphus</i>) in North American landscapes. <i>Landscape Ecology</i> , 2005, 20, 257-271.	4.2	125
90	Scales of movement by elk (<i>Cervus elaphus</i>) in response to heterogeneity in forage resources and predation risk. <i>Landscape Ecology</i> , 2005, 20, 273-287.	4.2	224

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91	DOES PREY BIOMASS OR MERCURY EXPOSURE AFFECT LOON CHICK SURVIVAL IN WISCONSIN?. Journal of Wildlife Management, 2005, 69, 57-67.	1.8	31
92	Removing GPS collar bias in habitat selection studies. Journal of Applied Ecology, 2004, 41, 201-212.	4.0	273
93	Foraging costs of vigilance in large mammalian herbivores. Oikos, 2004, 107, 172-180.	2.7	186
94	MULTI-TASKING BY MAMMALIAN HERBIVORES: OVERLAPPING PROCESSES DURING FORAGING. Ecology, 2004, 85, 2312-2322.	3.2	79
95	Defoliation, Waterlogging and Dung Influences Allocation Patterns of <i>Deschampsia caespitosa</i> . Journal of Range Management, 2003, 56, 634.	0.3	5
96	Deciduous woodland conservation under heavy deer browsing on Devils Tower National Monument, USA. Journal for Nature Conservation, 2003, 10, 221-232.	1.8	10
97	Scale and heterogeneity in habitat selection by elk in Yellowstone National Park. Ecoscience, 2003, 10, 421-431.	1.4	295
98	A digital land cover map of Wyoming, USA: a tool for vegetation analysis. Journal of Vegetation Science, 1997, 8, 133-146.	2.2	44
99	Summer foraging ecology of wapiti (<i>Cervus elaphus roosevelti</i>) in the Mount St. Helens blast zone. Canadian Journal of Zoology, 1994, 72, 303-311.	1.0	14
100	Responses of Bluebunch Wheatgrass, Idaho fescue, and nematodes to ungulate grazing in Yellowstone National Park. Oikos, 1994, 69, 231.	2.7	61
101	Estimation of Green Herbaceous Phytomass from Landsat MSS Data in Yellowstone National Park. Journal of Range Management, 1993, 46, 151.	0.3	49
102	Thermal constraints on use of cover types and activity time of elk. Applied Animal Behaviour Science, 1991, 29, 251-267.	1.9	36
103	Elk Calf Response to Simulated Mine Disturbance in Southeast Idaho. Journal of Wildlife Management, 1985, 49, 751.	1.8	41
104	Shrub Responses after Fire in an Idaho Ponderosa Pine Community. Journal of Wildlife Management, 1982, 46, 496.	1.8	7
105	Effects of a Fall Wildfire on Herbaceous Vegetation on Xeric Sites in the Selway-Bitterroot Wilderness, Idaho. Journal of Range Management, 1980, 33, 363.	0.3	18