

Robert A Montgomery

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

1,764
citations

304743

22
h-index

377865

34
g-index

101
all docs

101
docs citations

101
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	The many faces of fear: a synthesis of the methodological variation in characterizing predation risk. <i>Journal of Animal Ecology</i> , 2017, 86, 749-765.	2.8	107
2	What does urbanization actually mean? A framework for urban metrics in wildlife research. <i>Journal of Applied Ecology</i> , 2019, 56, 1289-1300.	4.0	87
3	Humans and urban development mediate the sympatry of competing carnivores. <i>Urban Ecosystems</i> , 2018, 21, 765-778.	2.4	78
4	Designing studies of predation risk for improved inference in carnivore-ungulate systems. <i>Biological Conservation</i> , 2019, 232, 194-207.	4.1	54
5	Deconstructing compassionate conservation. <i>Conservation Biology</i> , 2019, 33, 760-768.	4.7	53
6	Prey Preferences of the Jaguar <i>Panthera onca</i> Reflect the Post-Pleistocene Demise of Large Prey. <i>Frontiers in Ecology and Evolution</i> , 2016, 3, .	2.2	50
7	Reintroducing rewilding to restoration â€“ Rejecting the search for novelty. <i>Biological Conservation</i> , 2019, 233, 255-259.	4.1	49
8	Patterns of livestock depredation and costâ€ effectiveness of fortified livestock enclosures in northern Tanzania. <i>Ecology and Evolution</i> , 2019, 9, 11420-11433.	1.9	47
9	Managing success: Asiatic lion conservation, interface problems and peoplesâ€™ perceptions in the Gir Protected Area. <i>Biological Conservation</i> , 2014, 174, 120-126.	4.1	43
10	Implications of ignoring telemetry error on inference in wildlife resource use models. <i>Journal of Wildlife Management</i> , 2011, 75, 702-708.	1.8	41
11	The influence of winter severity, predation and senescence on moose habitat use. <i>Journal of Animal Ecology</i> , 2013, 82, 301-309.	2.8	40
12	Variation in elk response to roads by season, sex, and road type. <i>Journal of Wildlife Management</i> , 2013, 77, 313-325.	1.8	39
13	Factors affecting the prey preferences of jackals (<i>Canidae</i>). <i>Mammalian Biology</i> , 2017, 85, 70-82.	1.5	38
14	Spatial patterns of African ungulate aggregation reveal complex but limited risk effects from reintroduced carnivores. <i>Ecology</i> , 2016, 97, 1123-1134.	3.2	35
15	Envisioning the future with â€“compassionate conservationâ€™: An ominous projection for native wildlife and biodiversity. <i>Biological Conservation</i> , 2020, 241, 108365.	4.1	35
16	Can We Accurately Characterize Wildlife Resource Use When Telemetry Data Are Imprecise?. <i>Journal of Wildlife Management</i> , 2010, 74, 1917-1925.	1.8	33
17	A tendency to simplify complex systems. <i>Biological Conservation</i> , 2019, 233, 1-11.	4.1	33
18	Examining Evident Interdisciplinarity Among Prides of Lion Researchers. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	30

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19	Citizen science data facilitate monitoring of rare large carnivores in remote montane landscapes. <i>Ecological Indicators</i> , 2018, 94, 283-291.	6.3	29
20	Animal Behavioral Responses to the COVID-19 Quietus. <i>Trends in Ecology and Evolution</i> , 2021, 36, 184-186.	8.7	29
21	At what spatial scale(s) do mammals respond to urbanization?. <i>Ecography</i> , 2020, 43, 171-183.	4.5	28
22	Importance of visibility when evaluating animal response to roads. <i>Wildlife Biology</i> , 2012, 18, 393-405.	1.4	26
23	Spatial variation in leopard (<i>Panthera pardus</i>) site use across a gradient of anthropogenic pressure in Tanzania's Ruaha landscape. <i>PLoS ONE</i> , 2018, 13, e0204370.	2.5	26
24	Discordant scales and the potential pitfalls for human-carnivore conflict mitigation. <i>Biological Conservation</i> , 2018, 224, 170-177.	4.1	25
25	Spatial variation in the density and vulnerability of preferred prey in the landscape shape patterns of Amur tiger habitat use. <i>Oikos</i> , 2016, 125, 66-75.	2.7	24
26	Unravelling complex associations between physiological state and movement of African elephants. <i>Functional Ecology</i> , 2013, 27, 1166-1175.	3.6	23
27	Positioning human heritage at the center of conservation practice. <i>Conservation Biology</i> , 2020, 34, 1122-1130.	4.7	23
28	An active radio-frequency identification system capable of identifying co-locations and social structure: Validation with a wild free-ranging animal. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1822-1831.	5.2	22
29	Where Wolves Kill Moose: The Influence of Prey Life History Dynamics on the Landscape Ecology of Predation. <i>PLoS ONE</i> , 2014, 9, e91414.	2.5	21
30	Clarifying habitat niche width using broad-scale, hierarchical occupancy models: a case study with a recovering mesocarnivore. <i>Journal of Zoology</i> , 2016, 300, 177-185.	1.7	20
31	The influence of the delay-period setting on camera-trap data storage, wildlife detections and occupancy models. <i>Wildlife Research</i> , 2019, 46, 37.	1.4	20
32	Mapping the spatial configuration of hybridization risk for an endangered population of the European wildcat (<i>Felis silvestris silvestris</i>) in Scotland. <i>Mammal Research</i> , 2016, 61, 1-11.	1.3	19
33	The application of reflexivity for conservation science. <i>Biological Conservation</i> , 2021, 262, 109322.	4.1	19
34	Evaluating the individuality of animal-habitat relationships. <i>Ecology and Evolution</i> , 2018, 8, 10893-10901.	1.9	17
35	Moving GIS Research Indoors: Spatiotemporal Analysis of Agricultural Animals. <i>PLoS ONE</i> , 2014, 9, e104002.	2.5	16
36	Movement modeling reveals the complex nature of the response of moose to ambient temperatures during summer. <i>Journal of Mammalogy</i> , 2019, 100, 169-177.	1.3	16

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37	The inducible defences of large mammals to human lethality. <i>Functional Ecology</i> , 2020, 34, 2426-2441.	3.6	16
38	Variability in the estimation of ungulate group sizes complicates ecological inference. <i>Ecology and Evolution</i> , 2020, 10, 6881-6889.	1.9	16
39	The effect of camera-trap viewshed obstruction on wildlife detection: implications for inference. <i>Wildlife Research</i> , 2020, 47, 158.	1.4	16
40	Poaching is Not One Big Thing. <i>Trends in Ecology and Evolution</i> , 2020, 35, 472-475.	8.7	16
41	A review of vital rates and cause-specific mortality of elk <i>Cervus elaphus</i> populations in eastern North America. <i>Mammal Review</i> , 2015, 45, 146-159.	4.8	15
42	Mapping the Relative Probability of Common Toad Occurrence in Terrestrial Lowland Farm Habitat in the United Kingdom. <i>PLoS ONE</i> , 2016, 11, e0148269.	2.5	15
43	Examining disease prevalence for species of conservation concern using non-invasive spatial capture-recapture techniques. <i>Journal of Applied Ecology</i> , 2017, 54, 709-717.	4.0	14
44	Improving Human-Lion Conflict Research Through Interdisciplinarity. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	14
45	Vertical relief facilitates spatial segregation of a high density large carnivore population. <i>Oikos</i> , 2020, 129, 346-355.	2.7	14
46	Dynamic rodent behavioral response to predation risk: implications for disease ecology. <i>Oecologia</i> , 2020, 192, 67-78.	2.0	14
47	COVID-19, Health, Conservation, and Shared Wellbeing: Details Matter. <i>Trends in Ecology and Evolution</i> , 2020, 35, 748-750.	8.7	14
48	Effects of Wild Pig Disturbance on Forest Vegetation and Soils. <i>Journal of Wildlife Management</i> , 2020, 84, 739-748.	1.8	14
49	Resource selection modeling reveals potential conflicts involving reintroduced lions in Tembe Elephant Park, South Africa. <i>Journal of Zoology</i> , 2015, 296, 124-132.	1.7	13
50	Regional variation of the manifestation, prevalence, and severity of giraffe skin disease: A review of an emerging disease in wild and captive giraffe populations. <i>Biological Conservation</i> , 2016, 198, 145-156.	4.1	13
51	Research implementation gap limits the actionability of human-carnivore conflict studies in East Africa. <i>Animal Conservation</i> , 2020, 23, 7-17.	2.9	13
52	The landscape configuration and lethality of snare poaching of sympatric guilds of large carnivores and ungulates. <i>African Journal of Ecology</i> , 2021, 59, 51-62.	0.9	13
53	The efficacy of interventions to protect crops from raiding elephants. <i>Ambio</i> , 2022, 51, 716-727.	5.5	12
54	QUANTIFYING THE SEVERITY OF GIRAFFE SKIN DISEASE VIA PHOTOGRAMMETRY ANALYSIS OF CAMERA TRAP DATA. <i>Journal of Wildlife Diseases</i> , 2019, 55, 770.	0.8	11

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55	Drone Use for Environmental Research [Perspectives]. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 106-111.	9.6	10
56	The relative effects of prey availability, anthropogenic pressure and environmental variables on lion (<i>Panthera leo</i>) in the Serengeti. <i>Journal of Animal Ecology</i> , 2019, 88, 310, 135-144.	1.7	10
57	A Framework for the Eltonian Niche of Humans. <i>BioScience</i> , 2021, 71, 928-941.	4.9	10
58	Examining Whether Learning Space Affects the Retention of Experiential Knowledge. <i>Journal of Natural Resources and Life Sciences Education</i> , 2011, 40, 45-50.	0.2	9
59	Factors Affecting Persistence of Undergraduate Students in a Fisheries and Wildlife Program: Leavers. <i>Journal of Natural Resources and Life Sciences Education</i> , 2011, 40, 10-18.	0.2	9
60	Living amidst a sea of agriculture: predicting the occurrence of Canada lynx within an ecological island. <i>Wildlife Biology</i> , 2014, 20, 145-154.	1.4	9
61	Long-term impacts of three forest management strategies on herpetofauna abundance in the Missouri Ozarks. <i>Forest Ecology and Management</i> , 2017, 387, 37-51.	3.2	9
62	Evaluation of human attitudes and factors conducive to promoting human–lion coexistence in the Greater Gir landscape, India. <i>Oryx</i> , 0, , 1-10.	1.0	9
63	Prey preferences of modern human hunter-gatherers. <i>Food Webs</i> , 2021, 26, e00183.	1.2	9
64	Landscape-level changes to large mammal space use in response to a pastoralist incursion. <i>Ecological Indicators</i> , 2021, 121, 107091.	6.3	9
65	Landscape complexity persists as a critical source of bias in terrestrial animal home range estimation. <i>Ecology</i> , 2021, 102, e03427.	3.2	8
66	Selection and spatial arrangement of rest sites within northern tamandua home ranges. <i>Journal of Zoology</i> , 2014, 293, 160-170.	1.7	7
67	AIC and the challenge of complexity: A case study from ecology. <i>Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences</i> , 2016, 60, 35-43.	1.3	7
68	Environmental conditions for Jamestown Canyon virus correlated with population-level resource selection by white-tailed deer in a suburban landscape. <i>PLoS ONE</i> , 2019, 14, e0223582.	2.5	7
69	Predicting the fine-scale factors that correlate with multiple carnivore depredation of livestock in their enclosures. <i>African Journal of Ecology</i> , 2021, 59, 74-87.	0.9	7
70	A rare 300 kilometer dispersal by an adult male white-tailed deer. <i>Ecology and Evolution</i> , 2021, 11, 3685-3695.	1.9	7
71	Spatiotemporal variation in African lion roaring in relation to a dominance shift. <i>Journal of Mammalogy</i> , 2017, 98, 1088-1095.	1.3	6
72	Do pastoralist cattle fear African lions?. <i>Oikos</i> , 2021, 130, 422-430.	2.7	6

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73	Habitat Selection. , 2013, , 59-69.		5
74	Modeling Protected Species Habitat and Assigning Risk to Inform Regulatory Decisions. Environmental Management, 2009, 44, 12-23.	2.7	4
75	The effect of habitat on the breeding season survival of Mallards (<i>Anas platyrhynchos</i>) in the Great Lakes region. Canadian Journal of Zoology, 2018, 96, 700-706.	1.0	4
76	How do giraffes locate one another? A review of visual, auditory, and olfactory communication among giraffes. Journal of Zoology, 2018, 306, 139-146.	1.7	4
77	Spatial Pattern Analysis Reveals Randomness Among Carnivore Depredation of Livestock. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	4
78	Characteristics that make trophy hunting of giant pandas inconceivable. Conservation Biology, 2020, 34, 915-924.	4.7	3
79	Response to comments on "Compassionate Conservation deserves a morally serious rather than dismissive response - reply to " Biological Conservation, 2020, 244, 108517.	4.1	3
80	Environmental features associated with trapping success of mongoose (<i>Herpestes auropunctatus</i>) in eastern Puerto Rico. Caribbean Journal of Science, 2019, 49, 141.	0.3	3
81	The hunting modes of human predation and potential nonconsumptive effects on animal populations. Biological Conservation, 2022, 265, 109398.	4.1	3
82	Implications of taxonomic bias for human-carnivore conflict mitigation. Oryx, 0, , 1-10.	1.0	3
83	Human-Carnivore Coexistence in the Tarangire Ecosystem. Ecological Studies, 2022, , 295-317.	1.2	3
84	Examining the Effect of Billboards in Shaping the Great Wolf Debate of the American West. Human Dimensions of Wildlife, 2017, 22, 267-281.	1.8	2
85	The search for novelty continues for rewilding. Biological Conservation, 2019, 236, 584-585.	4.1	2
86	Natural Resource Undergraduate Students in the New Millennium. Wildlife Society Bulletin, 2020, , .	0.8	2
87	Exploring the connections between giraffe skin disease and lion predation. Journal of Zoology, 0, , .	1.7	2
88	Factors Affecting Persistence of Undergraduate Students in a Fisheries and Wildlife Program: Transfer Students. Journal of Natural Resources and Life Sciences Education, 2011, 40, 58-68.	0.2	2
89	Integrating Social Justice into Higher Education Conservation Science. BioScience, 2022, 72, 549-559.	4.9	2
90	QUANTIFYING THE SEVERITY OF GIRAFFE SKIN DISEASE VIA PHOTOGRAMMETRY ANALYSIS OF CAMERA TRAP DATA. Journal of Wildlife Diseases, 2019, 55, 770-781.	0.8	2

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91	Phylogeny is a stronger predictor of activity than allometry in an African mammal community. <i>Biological Journal of the Linnean Society</i> , 2022, 135, 599-609.	1.6	2
92	Simulated data and code for analysis of herpetofauna response to forest management in the Missouri Ozarks. <i>Data in Brief</i> , 2016, 9, 477-479.	1.0	1
93	Factors Affecting Persistence of Undergraduate Students in a Fisheries and Wildlife Program: Freshmen. <i>Journal of Natural Resources and Life Sciences Education</i> , 2011, 40, 206-214.	0.2	1
94	The Genetic Differentiation of Common Toads on UK Farmland: The Effect of Straight-Line (Euclidean) Distance and Isolation by Barriers in a Heterogeneous Environment. <i>Journal of Herpetology</i> , 2020, 54, 118.	0.5	1
95	The Integral Nature of Encounter Rate in Predicting Livestock Depredation Risk. <i>Frontiers in Conservation Science</i> , 2022, 3, .	1.9	1
96	Behavioral states in space and time: understanding landscape use by an invasive mammal. <i>Journal of Wildlife Management</i> , 0, , .	1.8	1
97	Large Carnivores in the Tarangire Ecosystem. <i>Ecological Studies</i> , 2022, , 233-252.	1.2	1
98	African Wild Dog Habitat Use Modelling Using Telemetry Data and Citizen Scientist Sightings: Are the Results Comparable?. <i>African Journal of Wildlife Research</i> , 2018, 48, 013002.	0.4	0
99	Editorial: How Prides of Lion Researchers Are Evolving to Be Interdisciplinary. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	0
100	Cost effective assessment of human and habitat factors essential for critically endangered lions in West Africa. <i>Wildlife Biology</i> , 2021, 2021, .	1.4	0