

Heiko U Wittmer

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,644
citations

159585
30
h-index

214800
47
g-index

95
all docs

95
docs citations

95
times ranked

2199
citing authors

#	ARTICLE	IF	CITATIONS
1	Sounding out a continent: seven decades of bioacoustics research in Africa. <i>Bioacoustics</i> , 2022, 31, 646-667.	1.7	1
2	Kill rates and associated ecological factors for an apex predator. <i>Mammalian Biology</i> , 2022, 102, 291-305.	1.5	3
3	Predicting harvest impact and establishment success when translocating highly mobile and endangered species. <i>Journal of Applied Ecology</i> , 2022, 59, 2071-2083.	4.0	5
4	Standardizing protocols for determining the cause of mortality in wildlife studies. <i>Ecology and Evolution</i> , 2022, 12, .	1.9	9
5	Modelling three-dimensional space to design prey refuges using video game software. <i>Ecosphere</i> , 2021, 12, e03321.	2.2	5
6	Scavenging by fishers in relation to season and other scavengers. <i>Ecological Research</i> , 2021, 36, 353-359.	1.5	1
7	Year-round offshore distribution, behaviour, and overlap with commercial fisheries of a Critically Endangered small petrel. <i>Marine Ecology - Progress Series</i> , 2021, 660, 171-187.	1.9	13
8	Can't bear the competition: Energetic losses from kleptoparasitism by a dominant scavenger may alter foraging behaviors of an apex predator. <i>Basic and Applied Ecology</i> , 2021, 51, 1-10.	2.7	14
9	Vital rates of two small populations of brown bears in Canada and range-wide relationship between population size and trend. <i>Ecology and Evolution</i> , 2021, 11, 3422-3434.	1.9	4
10	First documentation of scent-marking behaviors in striped skunks (<i>Mephitis mephitis</i>). <i>Mammal Research</i> , 2021, 66, 399-404.	1.3	1
11	Consistent offshore artificial light at night near the last breeding colony of a critically endangered seabird. <i>Conservation Science and Practice</i> , 2021, 3, e481.	2.0	5
12	Biotic and abiotic drivers of dispersion dynamics in a large-bodied tropical vertebrate, the Western Bornean orangutan. <i>Oecologia</i> , 2021, 196, 707-721.	2.0	4
13	Food caching by bears: A literature review and new observations for Asiatic and American black bears. <i>Ursus</i> , 2021, 2021, .	0.5	5
14	Functional traits driving species role in the structure of terrestrial vertebrate scavenger networks. <i>Ecology</i> , 2021, 102, e03519.	3.2	21
15	Ontogeny of scent marking behaviours in an apex carnivore. <i>Behaviour</i> , 2021, -1, 1-12.	0.8	1
16	Population growth estimates of a threatened seabird indicate necessity for additional management following invasive predator eradications. <i>Animal Conservation</i> , 2020, 23, 94-103.	2.9	14
17	Using Mountain Lion Habitat Selection in Management. <i>Journal of Wildlife Management</i> , 2020, 84, 359-371.	1.8	18
18	Reintroduced wolves and hunting limit the abundance of a subordinate apex predator in a multi-use landscape. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202202.	2.6	10

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19	Network structure of vertebrate scavenger assemblages at the global scale: drivers and ecosystem functioning implications. <i>Ecography</i> , 2020, 43, 1143-1155.	4.5	40
20	Habitat selection when killing primary versus alternative prey species supports prey specialization in an apex predator. <i>Journal of Zoology</i> , 2019, 309, 259-268.	1.7	14
21	Scavenging in the Anthropocene: Human impact drives vertebrate scavenger species richness at a global scale. <i>Global Change Biology</i> , 2019, 25, 3005-3017.	9.5	68
22	Microsites and structures used by fishers (<i>Pekania pennanti</i>) in the southern Sierra Nevada: A comparison of forest elements used for daily resting relative to reproduction. <i>Forest Ecology and Management</i> , 2019, 440, 131-146.	3.2	13
23	Divergent population trends following the cessation of legal grizzly bear hunting in southwestern British Columbia, Canada. <i>Biological Conservation</i> , 2019, 233, 247-254.	4.1	8
24	Contrasting responses of lizard occurrences to burrowing by a critically endangered seabird. <i>Community Ecology</i> , 2019, 20, 64-74.	0.9	2
25	Predator identity and forage availability affect predation risk of juvenile black-tailed deer. <i>Wildlife Biology</i> , 2019, 2019, .	1.4	1
26	Predator occurrence and perceived predation risk determine grouping behavior in guanaco (<i>Lama</i>). <i>Journal of Applied Ecology</i> , 2019, 56, 115-124.	1.1	18
27	Monitoring the mammalian fauna of urban areas using remote cameras and citizen science. <i>Journal of Urban Ecology</i> , 2018, 4, .	1.5	18
28	The importance of fieldwork over predictive modeling in quantifying predation events of carnivores marked with GPS technology. <i>Journal of Mammalogy</i> , 2018, 99, 223-232.	1.3	17
29	Nest site selection of South Georgia Diving-petrels (<i>Pelecanoides georgicus</i>) on Codfish Island, New Zealand: implications for conservation management. <i>Bird Conservation International</i> , 2018, 28, 216-227.	1.3	12
30	Conservation and restoration in peopled landscapes in Oceania: opportunities and challenges. <i>Pacific Conservation Biology</i> , 2018, 24, 409.	1.0	3
31	Reproductive parameters of the fisher (<i>Pekania pennanti</i>) in the southern Sierra Nevada, California. <i>Journal of Mammalogy</i> , 2018, 99, 537-553.	1.3	21
32	Analyses of phenotypic differentiations among South Georgian Diving Petrel (<i>Pelecanoides georgicus</i>) populations reveal an undescribed and highly endangered species from New Zealand. <i>PLoS ONE</i> , 2018, 13, e0197766.	2.5	23
33	Multiple anthropogenic interventions drive puma survival following wolf recovery in the Greater Yellowstone Ecosystem. <i>Ecology and Evolution</i> , 2018, 8, 7236-7245.	1.9	10
34	Effect of activity states on habitat selection by black-tailed deer. <i>Journal of Wildlife Management</i> , 2018, 82, 1711-1724.	1.8	27
35	Evaluation of remote cameras for monitoring multiple invasive mammals in New Zealand. <i>Wildlife Biology</i> , 2018, 2018, .		35
36	Why I have come to care about conservation and restoration in peopled landscapes. <i>Pacific Conservation Biology</i> , 2018, 24, 339.	1.0	1

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37	Implications of fidelity and philopatry for the population structure of female black-tailed deer. <i>Behavioral Ecology</i> , 2017, 28, 983-990.	2.2	22
38	A Preliminary Range-Wide Distribution Model for the Sacramento Valley Red Fox. <i>Journal of Fish and Wildlife Management</i> , 2017, 8, 28-38.	0.9	4
39	Incipient loss of a rainforest mutualism?. <i>Journal of Threatened Taxa</i> , 2017, 9, 9734.	0.3	1
40	The importance of motivation, weapons, and foul odors in driving encounter competition in carnivores. <i>Ecology</i> , 2016, 97, 1905-1912.	3.2	30
41	Scent marking in Sunda clouded leopards (<i>Neofelis diardi</i>): novel observations close a key gap in understanding felid communication behaviours. <i>Scientific Reports</i> , 2016, 6, 35433.	3.3	34
42	Use of Simulation Modeling to Evaluate Management Strategies for Reintroduced Riparian Brush Rabbits in California. <i>Journal of Fish and Wildlife Management</i> , 2016, 7, 334-346.	0.9	1
43	The Role of Scent Marking in Mate Selection by Female Pumas (<i>Puma concolor</i>). <i>PLoS ONE</i> , 2015, 10, e0139087.	2.5	37
44	Using multistate capture"mark"recapture models to quantify effects of predation on age"specific survival and population growth in black"tailed deer. <i>Population Ecology</i> , 2015, 57, 185-197.	1.2	18
45	Estimating sex-specific abundance in fawning areas of a high-density Columbian black-tailed deer population using fecal DNA. <i>Journal of Wildlife Management</i> , 2015, 79, 39-49.	1.8	34
46	Using Predator-Prey Theory to Predict Outcomes of Broad-scale Experiments to Reduce Apparent Competition. <i>American Naturalist</i> , 2015, 185, 665-679.	2.1	59
47	The Comparative Effects of Large Carnivores on the Acquisition of Carrion by Scavengers. <i>American Naturalist</i> , 2015, 185, 822-833.	2.1	124
48	Home sweet home: fitness consequences of site familiarity in female black-tailed deer. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 603-612.	1.4	56
49	Modeling the Ecological and Phenological Predictors of Fruit Consumption by Gibbons (<i>Hylobates</i>) Tj ETQq1 1 0,784314 rgBT /Ove 1.6 15		
50	Nowhere to hide: pumas, black bears, and competition refuges. <i>Behavioral Ecology</i> , 2015, 26, 247-254.	2.2	84
51	Puma communication behaviours: understanding functional use and variation among sex and age classes. <i>Behaviour</i> , 2014, 151, 819-840.	0.8	43
52	The difference between killing and eating: ecological shortcomings of puma energetic models. <i>Ecosphere</i> , 2014, 5, 1-16.	2.2	34
53	Seasonal variation in the feeding ecology of pumas (<i>Puma concolor</i>) in northern California. <i>Canadian Journal of Zoology</i> , 2014, 92, 397-403.	1.0	31
54	Incorporating preferential prey selection and stochastic predation into population viability analysis for rare prey species. <i>Biological Conservation</i> , 2014, 172, 8-14.	4.1	14

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55	Common Biases in Density Estimation Based on Home Range Overlap with Reference to Pumas in Patagonia. <i>Wildlife Biology</i> , 2014, 20, 19-26.	1.4	16
56	Responses of Primates and Other Frugivorous Vertebrates to Plant Resource Variability over Space and Time at Gunung Palung National Park. <i>International Journal of Primatology</i> , 2014, 35, 1178-1201.	1.9	40
57	Trophic Facilitation or Limitation? Comparative Effects of Pumas and Black Bears on the Scavenger Community. <i>PLoS ONE</i> , 2014, 9, e102257.	2.5	56
58	Trailing hounds vs foot snares: comparing injuries to pumas <i>Puma concolor</i> captured in Chilean Patagonia. <i>Wildlife Biology</i> , 2013, 19, 210-216.	1.4	10
59	Spatial factors related to mortality and population decline of endangered mountain caribou. <i>Journal of Wildlife Management</i> , 2013, 77, 1409-1419.	1.8	45
60	Conservation Strategies for Species Affected by Apparent Competition. <i>Conservation Biology</i> , 2013, 27, 254-260.	4.7	48
61	A review of the population dynamics of mule deer and black-tailed deer <i>Odocoileus hemionus</i> in North America. <i>Mammal Review</i> , 2013, 43, 292-308.	4.8	81
62	The effects of puma prey selection and specialization on less abundant prey in Patagonia. <i>Journal of Mammalogy</i> , 2013, 94, 259-268.	1.3	65
63	Good intentions gone wrong: did conservation management threaten Endangered huemul deer <i>Hippocamelus bisulcus</i> in the future Patagonia National Park?. <i>Oryx</i> , 2013, 47, 393-402.	1.0	22
64	Nuisance Ecology: Do Scavenging Condors Exact Foraging Costs on Pumas in Patagonia?. <i>PLoS ONE</i> , 2013, 8, e53595.	2.5	36
65	Encounter Competition between a Cougar, <i>Puma concolor</i> , and a Western Spotted Skunk, <i>Spilogale gracilis</i> . <i>Canadian Field-Naturalist</i> , 2013, 127, 64.	0.1	9
66	Table scraps: inter-trophic food provisioning by pumas. <i>Biology Letters</i> , 2012, 8, 776-779.	2.3	40
67	Puma spatial ecology in open habitats with aggregate prey. <i>Mammalian Biology</i> , 2012, 77, 377-384.	1.5	54
68	Implications of body condition on the unsustainable predation rates of endangered mountain caribou. <i>Oecologia</i> , 2012, 169, 853-860.	2.0	15
69	A restricted hybrid zone between native and introduced red fox (<i>Vulpes vulpes</i>) populations suggests reproductive barriers and competitive exclusion. <i>Molecular Ecology</i> , 2011, 20, 326-341.	3.9	58
70	Incorporating Allee effects into reintroduction strategies. <i>Ecological Research</i> , 2011, 26, 687-695.	1.5	41
71	Allee Effects in Ecology and Conservation F. Courchamp , L. Berec , J. Gascoigne . 2008. Allee Effects in Ecology and Conservation. Oxford University Press. New York, New York. 272 pp. ISBN 978-0-19-956755-3, price (paper), \$60.00... <i>Journal of Mammalogy</i> , 2010, 91, 1530-1532.	1.3	1
72	Imminent Extinctions of Woodland Caribou from National Parks. <i>Conservation Biology</i> , 2010, 24, 363-364.	4.7	16

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73	Predator-mediated Allee effects in multi-prey systems. <i>Ecology</i> , 2010, 91, 286-292.	3.2	69
74	Dynamics of a small population of endangered huemul deer (<i>Hippocamelus bisulcus</i>) in Chilean Patagonia. <i>Journal of Mammalogy</i> , 2010, 91, 690-697.	1.3	42
75	Swimming by pumas (<i>Puma concolor</i>) in Patagonia: rethinking barriers to puma movement. <i>Studies on Neotropical Fauna and Environment</i> , 2010, 45, 187-190.	1.0	6
76	Learning to count: adapting population monitoring for Endangered huemul deer <i>Hippocamelus bisulcus</i> to meet conservation objectives. <i>Oryx</i> , 2010, 44, 516-522.	1.0	12
77	Viability of mountain caribou in British Columbia, Canada: Effects of habitat change and population density. <i>Biological Conservation</i> , 2010, 143, 86-93.	4.1	50
78	Factors associated with survival of reintroduced riparian brush rabbits in California. <i>Biological Conservation</i> , 2010, 143, 999-1007.	4.1	67
79	Long-distance dispersal of a male puma (<i>Puma concolor puma</i>) in Patagonia. <i>Revista Chilena De Historia Natural</i> , 2009, 82, .	1.2	18
80	A synthesis of scale-dependent ecology of the endangered mountain caribou in British Columbia, Canada. <i>Rangifer</i> , 2008, 28, 33.	0.6	1
81	Changes in landscape composition influence the decline of a threatened woodland caribou population. <i>Journal of Animal Ecology</i> , 2007, 76, 568-579.	2.8	167
82	Understanding contributions of cohort effects to growth rates of fluctuating populations. <i>Journal of Animal Ecology</i> , 2007, 76, 946-956.	2.8	23
83	Factors influencing variation in site fidelity of woodland caribou (<i>Rangifer tarandus caribou</i>) in southeastern British Columbia. <i>Canadian Journal of Zoology</i> , 2006, 84, 537-545.	1.0	48
84	The role of predation in the decline and extirpation of woodland caribou. <i>Oecologia</i> , 2005, 144, 257-267.	2.0	258
85	Population dynamics of the endangered mountain ecotype of woodland caribou (<i>Rangifer tarandus</i>)	1.0	121
86	Setting quantitative targets for recovery of threatened species. , 2001, , 264-282.		0
87	Preparing for translocations of a Critically Endangered petrel through targeted monitoring of nest survival and breeding biology. <i>Oryx</i> , 0, , 1-9.	1.0	4