Heiko U Wittmer

List of Publications by Year
in descending order

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	The role of predation in the decline and extirpation of woodland caribou. Oecologia, 2005, 144, 257-267.	2.0	258
2	Changes in landscape composition influence the decline of a threatened woodland caribou population. Journal of Animal Ecology, 2007, 76, 568-579.	2.8	167
3	The Comparative Effects of Large Carnivores on the Acquisition of Carrion by Scavengers. American Naturalist, 2015, 185, 822-833.	2.1	124
4	Population dynamics of the endangered mountain ecotype of woodland caribou (Rangifer tarandus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	121
5	Nowhere to hide: pumas, black bears, and competition refuges. Behavioral Ecology, 2015, 26, 247-254.	2.2	84
6	A review of the population dynamics of mule deer and blackâ€tailed deer <scp>O</scp>docoileus hemionus in <scp>N</scp>orth <scp>A</scp>merica. Mammal Review, 2013, 43, 292-308.	4.8	81
7	Predatorâ€mediated Allee effects in multiâ€prey systems. Ecology, 2010, 91, 286-292.	3.2	69
8	Scavenging in the Anthropocene: Human impact drives vertebrate scavenger species richness at a global scale. Global Change Biology, 2019, 25, 3005-3017.	9.5	68
9	Factors associated with survival of reintroduced riparian brush rabbits in California. Biological Conservation, 2010, 143, 999-1007.	4.1	67
10	The effects of puma prey selection and specialization on less abundant prey in Patagonia. Journal of Mammalogy, 2013, 94, 259-268.	1.3	65
11	Using Predator-Prey Theory to Predict Outcomes of Broadscale Experiments to Reduce Apparent Competition. American Naturalist, 2015, 185, 665-679.	2.1	59
12	A restricted hybrid zone between native and introduced red fox (Vulpes vulpes) populations suggests reproductive barriers and competitive exclusion. Molecular Ecology, 2011, 20, 326-341.	3.9	58
13	Home sweet home: fitness consequences of site familiarity in female black-tailed deer. Behavioral Ecology and Sociobiology, 2015, 69, 603-612.	1.4	56
14	Trophic Facilitation or Limitation? Comparative Effects of Pumas and Black Bears on the Scavenger Community. PLoS ONE, 2014, 9, e102257.	2.5	56
15	Puma spatial ecology in open habitats with aggregate prey. Mammalian Biology, 2012, 77, 377-384.	1.5	54
16	Viability of mountain caribou in British Columbia, Canada: Effects of habitat change and population density. Biological Conservation, 2010, 143, 86-93.	4.1	50
17	Factors influencing variation in site fidelity of woodland caribou (Rangifer tarandus caribou) in southeastern British Columbia. Canadian Journal of Zoology, 2006, 84, 537-545.	1.0	48
18	Conservation Strategies for Species Affected by Apparent Competition. Conservation Biology, 2013, 27, 254-260.	4.7	48

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19	Spatial factors related to mortality and population decline of endangered mountain caribou. Journal of Wildlife Management, 2013, 77, 1409-1419.	1.8	45
20	Puma communication behaviours: understanding functional use and variation among sex and age classes. Behaviour, 2014, 151, 819-840.	0.8	43
21	Dynamics of a small population of endangered huemul deer (Hippocamelus bisulcus) in Chilean Patagonia. Journal of Mammalogy, 2010, 91, 690-697.	1.3	42
22	Incorporating Allee effects into reintroduction strategies. Ecological Research, 2011, 26, 687-695.	1.5	41
23	Table scraps: inter-trophic food provisioning by pumas. Biology Letters, 2012, 8, 776-779.	2.3	40
24	Responses of Primates and Other Frugivorous Vertebrates to Plant Resource Variability over Space and Time at Gunung Palung National Park. International Journal of Primatology, 2014, 35, 1178-1201.	1.9	40
25	Network structure of vertebrate scavenger assemblages at the global scale: drivers and ecosystem functioning implications. Ecography, 2020, 43, 1143-1155.	4.5	40
26	The Role of Scent Marking in Mate Selection by Female Pumas (Puma concolor). PLoS ONE, 2015, 10, e0139087.	2.5	37
27	Nuisance Ecology: Do Scavenging Condors Exact Foraging Costs on Pumas in Patagonia?. PLoS ONE, 2013, 8, e53595.	2.5	36
28	Evaluation of remote cameras for monitoring multiple invasive mammals in New Zealand. , 2018, 42, .		35
29	The difference between killing and eating: ecological shortcomings of puma energetic models. Ecosphere, 2014, 5, 1-16.	2.2	34
30	Estimating sex-specific abundance in fawning areas of a high-density Columbian black-tailed deer population using fecal DNA. Journal of Wildlife Management, 2015, 79, 39-49.	1.8	34
31	Scent marking in Sunda clouded leopards (Neofelis diardi): novel observations close a key gap in understanding felid communication behaviours. Scientific Reports, 2016, 6, 35433.	3.3	34
32	Seasonal variation in the feeding ecology of pumas (Puma concolor) in northern California. Canadian Journal of Zoology, 2014, 92, 397-403.	1.0	31
33	The importance of motivation, weapons, and foul odors in driving encounter competition in carnivores. Ecology, 2016, 97, 1905-1912.	3.2	30
34	Effect of activity states on habitat selection by blackâ€tailed deer. Journal of Wildlife Management, 2018, 82, 1711-1724.	1.8	27
35	Understanding contributions of cohort effects to growth rates of fluctuating populations. Journal of Animal Ecology, 2007, 76, 946-956.	2.8	23
36	Analyses of phenotypic differentiations among South Georgian Diving Petrel (Pelecanoides georgicus) populations reveal an undescribed and highly endangered species from New Zealand. PLoS ONE, 2018, 13, e0197766.	2.5	23

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37	Good intentions gone wrong: did conservation management threaten Endangered huemul deer Hippocamelus bisulcus in the future Patagonia National Park?. Oryx, 2013, 47, 393-402.	1.0	22
38	Implications of fidelity and philopatry for the population structure of female black-tailed deer. Behavioral Ecology, 2017, 28, 983-990.	2.2	22
39	Reproductive parameters of the fisher (Pekania pennanti) in the southern Sierra Nevada, California. Journal of Mammalogy, 2018, 99, 537-553.	1.3	21
40	Functional traits driving species role in the structure of terrestrial vertebrate scavenger networks. Ecology, 2021, 102, e03519.	3.2	21
41	Using multistate captureâ€“markâ€“recapture models to quantify effects of predation on ageâ€specific survival and population growth in blackâ€tailed deer. Population Ecology, 2015, 57, 185-197.	1.2	18
42	Monitoring the mammalian fauna of urban areas using remote cameras and citizen science. Journal of Urban Ecology, 2018, 4, .	1.5	18
43	Using Mountain Lion Habitat Selection in Management. Journal of Wildlife Management, 2020, 84, 359-371.	1.8	18
44	Long-distance dispersal of a male puma (Puma concolor puma) in Patagonia. Revista Chilena De Historia Natural, 2009, 82, .	1.2	18
45	The importance of fieldwork over predictive modeling in quantifying predation events of carnivores marked with GPS technology. Journal of Mammalogy, 2018, 99, 223-232.	1.3	17
46	Imminent Extinctions of Woodland Caribou from National Parks. Conservation Biology, 2010, 24, 363-364.	4.7	16
47	Common Biases in Density Estimation Based on Home Range Overlap with Reference to Pumas in Patagonia. Wildlife Biology, 2014, 20, 19-26.	1.4	16
48	Implications of body condition on the unsustainable predation rates of endangered mountain caribou. Oecologia, 2012, 169, 853-860.	2.0	15
49	Modeling the Ecological and Phenological Predictors of Fruit Consumption by Gibbons (Hylobates) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	15
50	Incorporating preferential prey selection and stochastic predation into population viability analysis for rare prey species. Biological Conservation, 2014, 172, 8-14.	4.1	14
51	Habitat selection when killing primary versus alternative prey species supports prey specialization in an apex predator. Journal of Zoology, 2019, 309, 259-268.	1.7	14
52	Population growth estimates of a threatened seabird indicate necessity for additional management following invasive predator eradications. Animal Conservation, 2020, 23, 94-103.	2.9	14
53	Can't bear the competition: Energetic losses from kleptoparasitism by a dominant scavenger may alter foraging behaviors of an apex predator. Basic and Applied Ecology, 2021, 51, 1-10.	2.7	14
54	Predator occurrence and perceived predation risk determine grouping behavior in guanaco (Lama) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	13

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55	Microsites and structures used by fishers (Pekania pennanti) in the southern Sierra Nevada: A comparison of forest elements used for daily resting relative to reproduction. Forest Ecology and Management, 2019, 440, 131-146.	3.2	13
56	Year-round offshore distribution, behaviour, and overlap with commercial fisheries of a Critically Endangered small petrel. Marine Ecology - Progress Series, 2021, 660, 171-187.	1.9	13
57	Learning to count: adapting population monitoring for Endangered huemul deer Hippocamelus bisulcus to meet conservation objectives. Oryx, 2010, 44, 516-522.	1.0	12
58	Nest site selection of South Georgia Diving-petrels Pelecanoides georgicus on Codfish Island, New Zealand: implications for conservation management. Bird Conservation International, 2018, 28, 216-227.	1.3	12
59	Trailing hounds vs foot snares: comparing injuries to pumas Puma concolor captured in Chilean Patagonia. Wildlife Biology, 2013, 19, 210-216.	1.4	10
60	Multiple anthropogenic interventions drive puma survival following wolf recovery in the Greater Yellowstone Ecosystem. Ecology and Evolution, 2018, 8, 7236-7245.	1.9	10
61	Reintroduced wolves and hunting limit the abundance of a subordinate apex predator in a multi-use landscape. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202202.	2.6	10
62	Encounter Competition between a Cougar, Puma concolor, and a Western Spotted Skunk, Spilogale gracilis. Canadian Field-Naturalist, 2013, 127, 64.	0.1	9
63	Standardizing protocols for determining the cause of mortality in wildlife studies. Ecology and Evolution, 2022, 12, .	1.9	9
64	Divergent population trends following the cessation of legal grizzly bear hunting in southwestern British Columbia, Canada. Biological Conservation, 2019, 233, 247-254.	4.1	8
65	Swimming by pumas (Puma concolor) in Patagonia: rethinking barriers to puma movement. Studies on Neotropical Fauna and Environment, 2010, 45, 187-190.	1.0	6
66	Modelling threeâ€dimensional space to design prey refuges using video game software. Ecosphere, 2021, 12, e03321.	2.2	5
67	Consistent offshore artificial light at night near the last breeding colony of a critically endangered seabird. Conservation Science and Practice, 2021, 3, e481.	2.0	5
68	Food caching by bears: A literature review and new observations for Asiatic and American black bears. Ursus, 2021, 2021, .	0.5	5
69	Predicting harvest impact and establishment success when translocating highly mobile and endangered species. Journal of Applied Ecology, 2022, 59, 2071-2083.	4.0	5
70	Vital rates of two small populations of brown bears in Canada and rangeâ€wide relationship between population size and trend. Ecology and Evolution, 2021, 11, 3422-3434.	1.9	4
71	Preparing for translocations of a Critically Endangered petrel through targeted monitoring of nest survival and breeding biology. Oryx, 0, , 1-9.	1.0	4
72	Biotic and abiotic drivers of dispersion dynamics in a large-bodied tropical vertebrate, the Western Bornean orangutan. Oecologia, 2021, 196, 707-721.	2.0	4

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73	A Preliminary Range-Wide Distribution Model for the Sacramento Valley Red Fox. Journal of Fish and Wildlife Management, 2017, 8, 28-38.	0.9	4
74	Conservation and restoration in peopled landscapes in Oceania: opportunities and challenges. Pacific Conservation Biology, 2018, 24, 409.	1.0	3
75	Kill rates and associated ecological factors for an apex predator. Mammalian Biology, 2022, 102, 291-305.	1.5	3
76	Contrasting responses of lizard occurrences to burrowing by a critically endangered seabird. Community Ecology, 2019, 20, 64-74.	0.9	2
77	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... Journal of Mammalogy, 2010, 91, 1530-1532.	1.3	1
78	Scavenging by fishers in relation to season and other scavengers. Ecological Research, 2021, 36, 353-359.	1.5	1
79	First documentation of scent-marking behaviors in striped skunks (Mephitis mephitis). Mammal Research, 2021, 66, 399-404.	1.3	1
80	Predator identity and forage availability affect predation risk of juvenile black-tailed deer. Wildlife Biology, 2019, 2019, .	1.4	1
81	Use of Simulation Modeling to Evaluate Management Strategies for Reintroduced Riparian Brush Rabbits in California. Journal of Fish and Wildlife Management, 2016, 7, 334-346.	0.9	1
82	Ontogeny of scent marking behaviours in an apex carnivore. Behaviour, 2021, -1, 1-12.	0.8	1
83	A synthesis of scale-dependent ecology of the endangered mountain caribou in British Columbia, Canada. Rangifer, 2008, 28, 33.	0.6	1
84	Incipient loss of a rainforest mutualism?. Journal of Threatened Taxa, 2017, 9, 9734.	0.3	1
85	Why I have come to care about conservation and restoration in peopled landscapes. Pacific Conservation Biology, 2018, 24, 339.	1.0	1
86	Sounding out a continent: seven decades of bioacoustics research in Africa. Bioacoustics, 2022, 31, 646-667.	1.7	1
87	Setting quantitative targets for recovery of threatened species. , 2001, , 264-282.		0