

# Ryan K Brook

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44  
papers

1,138  
citations

20  
h-index

33  
g-index

53  
ext. papers

1,434  
ext. citations

3.4  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
44	Trends and prospects for local knowledge in ecological and conservation research and monitoring. <i>Biodiversity and Conservation</i> , <b>2008</b> , 17, 3501-3512	3.4	137
43	Machine learning to classify animal species in camera trap images: Applications in ecology. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 585-590	7.7	130
42	Impacts of wildlife baiting and supplemental feeding on infectious disease transmission risk: a synthesis of knowledge. <i>Preventive Veterinary Medicine</i> , <b>2014</b> , 113, 356-63	3.1	95
41	To feed or not to feed? Evidence of the intended and unintended effects of feeding wild ungulates. <i>Journal of Wildlife Management</i> , <b>2014</b> , 78, 1322-1334	1.9	76
40	Fostering community-based wildlife health monitoring and research in the Canadian North. <i>EcoHealth</i> , <b>2009</b> , 6, 266-78	3.1	56
39	Factors influencing farmers' concerns regarding bovine tuberculosis in wildlife and livestock around Riding Mountain National Park. <i>Journal of Environmental Management</i> , <b>2006</b> , 80, 156-66	7.9	50
38	On Using Expert-Based Science to Test Local Ecological Knowledge. <i>Ecology and Society</i> , <b>2005</b> , 10,	4.1	44
37	Intranasal administration of xylazine to reduce stress in elk captured by net gun. <i>Journal of Wildlife Diseases</i> , <b>2004</b> , 40, 562-5	1.3	36
36	Transdisciplinary habitat models for elk and cattle as a proxy for bovine tuberculosis transmission risk. <i>Preventive Veterinary Medicine</i> , <b>2009</b> , 91, 197-208	3.1	34
35	Density-dependent habitat selection and partitioning between two sympatric ungulates. <i>Oecologia</i> , <b>2014</b> , 175, 1155-65	2.9	32
34	Process-focussed, multi-grain resource selection functions. <i>Ecological Modelling</i> , <b>2015</b> , 305, 10-21	3	31
33	Functional responses in habitat selection are density dependent in a large herbivore. <i>Ecography</i> , <b>2016</b> , 39, 515-523	6.5	31
32	Feral wild boar distribution and perceptions of risk on the central Canadian prairies. <i>Wildlife Society Bulletin</i> , <b>2014</b> , 38, 486-494	1.4	30
31	Evaluating use of cattle winter feeding areas by elk and white-tailed deer: implications for managing bovine tuberculosis transmission risk from the ground up. <i>Preventive Veterinary Medicine</i> , <b>2013</b> , 108, 137-47	3.1	29
30	Factors driving variation in movement rate and seasonality of sympatric ungulates. <i>Journal of Mammalogy</i> , <b>2013</b> , 94, 691-701	1.8	26
29	Grain-dependent functional responses in habitat selection. <i>Landscape Ecology</i> , <b>2016</b> , 31, 855-863	4.3	24
28	Habitat selection by parturient elk ( <i>Cervus elaphus</i> ) in agricultural and forested landscapes. <i>Canadian Journal of Zoology</i> , <b>2010</b> , 88, 968-976	1.5	22

27	Farmer attitudes toward wolves: Implications for the role of predators in managing disease. <i>Biological Conservation</i> , <b>2007</b> , 135, 1-10	6.2	22
26	Evaluation and delivery of domestic animal health services in remote communities in the Northwest Territories: A case study of status and needs. <i>Canadian Veterinary Journal</i> , <b>2010</b> , 51, 1115-22	0.5	22
25	Incorporating farmer observations in efforts to manage bovine tuberculosis using barrier fencing at the wildlife-livestock interface. <i>Preventive Veterinary Medicine</i> , <b>2010</b> , 94, 301-5	3.1	20
24	Juxtaposition between host population structures: implications for disease transmission in a sympatric cervid community. <i>Evolutionary Applications</i> , <b>2013</b> , 6, 1001-11	4.8	15
23	Spatial and temporal factors influencing sightability of elk. <i>Journal of Wildlife Management</i> , <b>2011</b> , 75, 1521-1526	1.9	15
22	Publication reform to safeguard wildlife from researcher harm. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000193	9.7	13
21	Landscape resistance to dispersal: simulating long-term effects of human disturbance on a small and isolated wolf population in southwestern Manitoba, Canada. <i>Environmental Monitoring and Assessment</i> , <b>2012</b> , 184, 6923-34	3.1	13
20	Quantifying overlap in crop selection patterns among three sympatric ungulates in an agricultural landscape. <i>Basic and Applied Ecology</i> , <b>2015</b> , 16, 601-609	3.2	12
19	Diurnal and nocturnal activity patterns of invasive Wild Boar ( <i>Sus scrofa</i> ) in Saskatchewan, Canada. <i>Canadian Field-Naturalist</i> , <b>2015</b> , 129, 76	0.8	12
18	Spatiotemporal trends in Canadian domestic wild boar production and habitat predict wild pig distribution. <i>Landscape and Urban Planning</i> , <b>2017</b> , 165, 30-38	7.7	11
17	Targeting hunter distribution based on host resource selection and kill sites to manage disease risk. <i>Ecology and Evolution</i> , <b>2013</b> , 3, 4265-77	2.8	11
16	Habitat selection by female moose in the Canadian prairie ecozone. <i>Journal of Wildlife Management</i> , <b>2016</b> , 80, 1059-1068	1.9	10
15	Poisoning wolves with strychnine is unacceptable in experimental studies and conservation programmes. <i>Environmental Conservation</i> , <b>2016</b> , 43, 1-2	3.3	10
14	Evaluating Cost-Effective Methods for Rapid and Repeatable National Scale Detection and Mapping of Invasive Species Spread. <i>Scientific Reports</i> , <b>2019</b> , 9, 7254	4.9	9
13	Indigenous community perspectives on dogs in Northern Canada after 10 years of veterinary services indicates improved animal and human welfare. <i>Preventive Veterinary Medicine</i> , <b>2020</b> , 181, 105061	3.1	9
12	Stakeholder Perspectives on Chronic Wasting Disease Risk and Management on the Canadian Prairies. <i>Human Dimensions of Wildlife</i> , <b>2015</b> , 20, 408-424	1.6	8
11	Spatio-temporal trends in crop damage inform recent climate-mediated expansion of a large boreal herbivore into an agro-ecosystem. <i>Scientific Reports</i> , <b>2017</b> , 7, 15203	4.9	6
10	Improving the accessibility and transferability of machine learning algorithms for identification of animals in camera trap images: MLWIC2. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 10374-10383	2.8	6

9	Understanding habitat co-occurrence and the potential for competition between native mammals and invasive wild pigs ( <i>Sus scrofa</i> ) at the northern edge of their range. <i>Canadian Journal of Zoology</i> , <b>2019</b> , 97, 537-546	1.5	5
8	Novel range overlap of three ursids in the Canadian subarctic. <i>Arctic Science</i> , <b>2019</b> , 5, 62-70	2.2	5
7	Reproductive Ecology of Recently Established Wild Pigs in Canada. <i>American Midland Naturalist</i> , <b>2018</b> , 179, 275-286	0.7	4
6	Predicting functional responses in agro-ecosystems from animal movement data to improve management of invasive pests. <i>Ecological Applications</i> , <b>2020</b> , 30, e02015	4.9	4
5	Temporal aspects of polar bear ( <i>Ursus maritimus</i> ) occurrences at field camps in Wapusk National Park, Canada. <i>Polar Biology</i> , <b>2017</b> , 40, 1661-1670	2	3
4	Modeling the spatial distribution of subarctic forest in northern Manitoba using GIS-based terrain and climate data. <i>Physical Geography</i> , <b>2015</b> , 36, 93-112	1.8	3
3	On the need for rigorous welfare and methodological reporting for the live capture of large carnivores: A response to de Araujo et al. (2021). <i>Methods in Ecology and Evolution</i> , <b>2021</b> , 12, 1793-1799	7.7	3
2	Fencing Large Predator-Free and Competitor-Free Landscapes for the Recovery of Woodland Caribou in Western Alberta: An Ineffective Conservation Option. <i>Animals</i> , <b>2016</b> , 7,	3.1	2
1	Collaborative and consensus-based approaches for human-wildlife coexistence: response to Treves and Santiago-Vila 2020. <i>Conservation Biology</i> , <b>2021</b> , 35, 1334-1336	6	1