Cole Burton

List of Publications by Year
in descending order

74 papers	7,644 citations	172457 29 h-index	95266 68 g-index
78 all docs	78 docs citations	78 times ranked	9701 citing authors

#	ARTICLE	IF	CITATIONS
1	Global camera trap synthesis highlights the importance of protected areas in maintaining mammal diversity. Conservation Letters, 2022, 15, .	5.7	35
2	Cumulative effects of human footprint, natural features and predation risk best predict seasonal resource selection by white-tailed deer. Scientific Reports, 2022, 12, 1072.	3.3	14
3	Threatened Andean bears are negatively affected by human disturbance and free-ranging cattle in a protected area in northwest Peru. Mammalian Biology, 2022, 102, 177-187.	1.5	6
4	Indigenous peoples as sentinels of change in human–wildlife relationships: Conservation status of mountain goats in Kitasoo Xai'xais territory and beyond. Conservation Science and Practice, 2022, 4, .	2.0	1
5	Use of object detection in camera trap image identification: Assessing a method to rapidly and accurately classify human and animal detections for research and application in recreation ecology. Global Ecology and Conservation, 2022, 35, e02104.	2.1	15
6	Attitudes towards the Sri Lankan leopard *Panthera pardus kotiya* in two rural communities. Oryx, 2022, 56, 528-536.	1.0	3
7	Behavioral "bycatch" from camera trap surveys yields insights on prey responses to human-mediated predation risk. Ecology and Evolution, 2022, 12, .	1.9	4
8	Community-level modelling of boreal forest mammal distribution in an oil sands landscape. Science of the Total Environment, 2021, 755, 142500.	8.0	15
9	How do habitat amount and habitat fragmentation drive time-delayed responses of biodiversity to land-use change?. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202466.	2.6	24
10	Road visibility influences habitat selection by grizzly bears (*Ursus arctos horribilis*). Canadian Journal of Zoology, 2021, 99, 161-171.	1.0	3
11	Simultaneous monitoring of vegetation dynamics and wildlife activity with camera traps to assess habitat change. Remote Sensing in Ecology and Conservation, 2021, 7, 666-684.	4.3	16
12	eDNA sampled from stream networks correlates with camera trap detection rates of terrestrial mammals. Scientific Reports, 2021, 11, 11362.	3.3	35
13	Multispecies modelling reveals potential for habitat restoration to re-establish boreal vertebrate community dynamics. Journal of Applied Ecology, 2021, 58, 2821-2832.	4.0	8
14	Grizzly bear (Ursus arctos) responses to forest harvesting: A review of underlying mechanisms and management recommendations. Forest Ecology and Management, 2021, 497, 119471.	3.2	5
15	Spatial structure of reproductive success infers mechanisms of ungulate invasion in Nearctic boreal landscapes. Ecology and Evolution, 2021, 11, 900-911.	1.9	12
16	Detecting changes in understorey and canopy vegetation cycles in West Central Alberta using a fusion of Landsat and MODIS. Applied Vegetation Science, 2020, 23, 223-238.	1.9	3
17	Mammal seismic line use varies with restoration: Applying habitat restoration to species at risk conservation in a working landscape. Biological Conservation, 2020, 241, 108295.	4.1	38
18	A review of factors to consider when using camera traps to study animal behavior to inform wildlife ecology and conservation. Conservation Science and Practice, 2020, 2, e239.	2.0	44

#	Article	IF	Citations
19	Levers and leverage points for pathways to sustainability. People and Nature, 2020, 2, 693-717.	3.7	141
20	Relative effects of recreational activities on a temperate terrestrial wildlife assemblage. Conservation Science and Practice, 2020, 2, e271.	2.0	36
21	Predicting human-carnivore conflict at the urban-wildland interface. Global Ecology and Conservation, 2020, 24, e01322.	2.1	17
22	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. PLoS ONE, 2020, 15, e0229055.	2.5	25
23	Influences of landscape change and winter severity on invasive ungulate persistence in the Nearctic boreal forest. Scientific Reports, 2020, 10, 8742.	3.3	25
24	Building a perceptual zone of influence for wildlife: delineating the effects of roads on grizzly bear movement. European Journal of Wildlife Research, 2020, 66, 1.	1.4	11
25	Variations in grizzly bear habitat selection in relation to the daily and seasonal availability of annual plant-food resources. Ecological Informatics, 2020, 58, 101116.	5.2	9
26	Boreal predator coâ€occurrences reveal shared use of seismic lines in a working landscape. Ecology and Evolution, 2020, 10, 1678-1691.	1.9	21
27	Canadian Science Meets Parliament: Building relationships between scientists and policymakers. Science and Public Policy, 2020, , .	2.4	1
28	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. , 2020, 15, e0229055.		0
29	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. , 2020, 15, e0229055.		0
30	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. , 2020, 15, e0229055.		0
31	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. , 2020, 15, e0229055.		0
32	Investigating the effects of community-based conservation on attitudes towards wildlife in Namibia. Biological Conservation, 2019, 233, 193-200.	4.1	52
33	Prioritizing restoration of fragmented landscapes for wildlife conservation: A graph-theoretic approach. Biological Conservation, 2019, 232, 173-186.	4.1	14
34	Densityâ€dependent space use affects interpretation of camera trap detection rates. Ecology and Evolution, 2019, 9, 14031-14041.	1.9	43
35	Effects of law enforcement and community outreach on mammal diversity in a biodiversity hotspot. Conservation Biology, 2019, 33, 612-622.	4.7	11
36	The importance of considering multiple interacting species for conservation of species at risk. Conservation Biology, 2019, 33, 709-715.	4.7	32

#	Article	IF	Citations
37	Protecting biodiversity in British Columbia: Recommendations for developing species at risk legislation. Facets, 2019, 4, 136-160.	2.4	21
38	Animal movement affects interpretation of occupancy models from camera‐trap surveys of unmarked animals. Ecosphere, 2018, 9, e02092.	2.2	81
39	Species occurrence data reflect the magnitude of animal movements better than the proximity of animal space use. Ecosphere, 2018, 9, e02112.	2.2	42
40	Mammal responses to the human footprint vary across species and stressors. Journal of Environmental Management, 2018, 217, 690-699.	7.8	22
41	Density and distribution of a brown bear (Ursus arctos) population within the Caucasus biodiversity hotspot. Journal of Mammalogy, 2018, 99, 1249-1260.	1.3	46
42	Estimating density for species conservation: Comparing camera trap spatial count models to genetic spatial capture-recapture models. Global Ecology and Conservation, 2018, 15, e00411.	2.1	45
43	Wildlife winners and losers in an oil sands landscape. Frontiers in Ecology and the Environment, 2018, 16, 323-328.	4.0	93
44	A review of camera trapping for conservation behaviour research. Remote Sensing in Ecology and Conservation, 2017, 3, 109-122.	4.3	195
45	Scaling‐up camera traps: monitoring the planet's biodiversity with networks of remote sensors. Frontiers in Ecology and the Environment, 2017, 15, 26-34.	4.0	287
46	Investigating animal activity patterns and temporal niche partitioning using camera‐trap data: challenges and opportunities. Remote Sensing in Ecology and Conservation, 2017, 3, 123-132.	4.3	184
47	Mammal responses to human footprint vary with spatial extent but not with spatial grain. Ecosphere, 2017, 8, e01735.	2.2	16
48	The role of digital data entry in participatory environmental monitoring. Conservation Biology, 2016, 30, 1277-1287.	4.7	27
49	Complementary benefits of tourism and hunting to communal conservancies in Namibia. Conservation Biology, 2016, 30, 628-638.	4.7	196
50	Estimating economic losses to tourism in Africa from the illegal killing of elephants. Nature Communications, 2016, 7, 13379.	12.8	81
51	Walk on the Wild Side: Estimating the Global Magnitude of Visits to Protected Areas. PLoS Biology, 2015, 13, e1002074.	5.6	584
52	REVIEW: Wildlife camera trapping: a review and recommendations for linking surveys to ecological processes. Journal of Applied Ecology, 2015, 52, 675-685.	4.0	791
53	The Lion in West Africa Is Critically Endangered. PLoS ONE, 2014, 9, e83500.	2.5	104
54	A framework for adaptive monitoring of the cumulative effects of human footprint on biodiversity. Environmental Monitoring and Assessment, 2014, 186, 3605-3617.	2.7	54

#	ARTICLE	IF	CITATIONS
55	A Multicountry Assessment of Tropical Resource Monitoring by Local Communities. BioScience, 2014, 64, 236-251.	4.9	120
56	Is accurate location information necessary for repeatability in field-based ecology?. Frontiers in Ecology and the Environment, 2013, 11, 178-178.	4.0	2
57	The case for fencing remains intact. Ecology Letters, 2013, 16, 1414.	6.4	24
58	Conserving large carnivores: dollars and fence. Ecology Letters, 2013, 16, 635-641.	6.4	241
59	Walking with lions: why there is no role for captive-origin lions <i>Panthera leo</i> in species restoration. Oryx, 2013, 47, 19-24.	1.0	31
60	No science, no success and still no need for captive-origin lion reintroduction: a reply to Abell & Youldon. Oryx, 2013, 47, 27-28.	1.0	3
61	Biodiversity: past, present and future. Biology Letters, 2012, 8, 3-5.	2.3	1
62	Critical evaluation of a long-term, locally-based wildlife monitoring program in West Africa. Biodiversity and Conservation, 2012, 21, 3079-3094.	2.6	41
63	Hierarchical Multi-Species Modeling of Carnivore Responses to Hunting, Habitat and Prey in a West African Protected Area. PLoS ONE, 2012, 7, e38007.	2.5	106
64	Climate-induced range contraction drives genetic erosion in an alpine mammal. Nature Climate Change, 2012, 2, 285-288.	18.8	134
65	Evaluating persistence and its predictors in a West African carnivore community. Biological Conservation, 2011, 144, 2344-2353.	4.1	36
66	The decline of lions in Ghanaâ€™s Mole National Park. African Journal of Ecology, 2011, 49, 122-126.	0.9	18
67	Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. Frontiers in Ecology and the Environment, 2009, 7, 4-11.	4.0	1,809
68	Accelerated Human Population Growth at Protected Area Edges. Science, 2008, 321, 123-126.	12.6	534
69	Integrating economic costs into conservation planning. Trends in Ecology and Evolution, 2006, 21, 681-687.	8.7	868
70	INFLUENCE OF RELATEDNESS ON SNOWSHOE HARE SPACING BEHAVIOR. Journal of Mammalogy, 2003, 84, 1100-1111.	1.3	13
71	Microsatellite analysis of multiple paternity and male reproductive success in the promiscuous snowshoe hare. Canadian Journal of Zoology, 2002, 80, 1948-1956.	1.0	21
72	Population genetic structure of the cyclic snowshoe hare (Lepus americanus) in southwestern Yukon, Canada. Molecular Ecology, 2002, 11, 1689-1701.	3.9	34

#	Article	IF	Citations
73	Assessing the trade-offs between timber supply and wildlife protection goals in boreal landscapes. Canadian Journal of Forest Research, 0, , 243-258.	1.7	6
74	Predator control alters wolf interactions with prey and competitor species over the diel cycle. Oikos, 0, , .	2.7	10