Cole Burton

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6606296/publications.pdf

Version: 2024-02-01

74	7,644	172457	95266
papers	citations	29 h-index	68 g-index

78	78	78	9701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Integrating economic costs into conservation planning. Trends in Ecology and Evolution, 2006, 21, 681-687.	8.7	868
3	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
4	Walk on the Wild Side: Estimating the Global Magnitude of Visits to Protected Areas. PLoS Biology, 2015, 13, e1002074.	5.6	584
5	Accelerated Human Population Growth at Protected Area Edges. Science, 2008, 321, 123-126.	12.6	534
6	Scalingâ€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
7	Conserving large carnivores: dollars and fence. Ecology Letters, 2013, 16, 635-641.	6.4	241
8	Complementary benefits of tourism and hunting to communal conservancies in Namibia. Conservation Biology, 2016, 30, 628-638.	4.7	196
9	A review of camera trapping for conservation behaviour research. Remote Sensing in Ecology and Conservation, 2017, 3, 109-122.	4.3	195
10	Investigating animal activity patterns and temporal niche partitioning using cameraâ€trap data: challenges and opportunities. Remote Sensing in Ecology and Conservation, 2017, 3, 123-132.	4.3	184
11	Levers and leverage points for pathways to sustainability. People and Nature, 2020, 2, 693-717.	3.7	141
12	Climate-induced range contraction drives genetic erosion in an alpine mammal. Nature Climate Change, 2012, 2, 285-288.	18.8	134
13	A Multicountry Assessment of Tropical Resource Monitoring by Local Communities. BioScience, 2014, 64, 236-251.	4.9	120
14	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
15	The Lion in West Africa Is Critically Endangered. PLoS ONE, 2014, 9, e83500.	2.5	104
16	Wildlife winners and losers in an oil sands landscape. Frontiers in Ecology and the Environment, 2018, 16, 323-328.	4.0	93
17	Estimating economic losses to tourism in Africa from the illegal killing of elephants. Nature Communications, 2016, 7, 13379.	12.8	81
18	Animal movement affects interpretation of occupancy models from cameraâ€trap surveys of unmarked animals. Ecosphere, 2018, 9, e02092.	2.2	81

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19	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
20	Investigating the effects of community-based conservation on attitudes towards wildlife in Namibia. Biological Conservation, 2019, 233, 193-200.	4.1	52
21	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
22	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
23	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
24	Densityâ€dependent space use affects interpretation of camera trap detection rates. Ecology and Evolution, 2019, 9, 14031-14041.	1.9	43
25	Species occurrence data reflect the magnitude of animal movements better than the proximity of animal space use. Ecosphere, 2018, 9, e02112.	2.2	42
26	Critical evaluation of a long-term, locally-based wildlife monitoring program in West Africa. Biodiversity and Conservation, 2012, 21, 3079-3094.	2.6	41
27	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
28	Evaluating persistence and its predictors in a West African carnivore community. Biological Conservation, 2011, 144, 2344-2353.	4.1	36
29	Relative effects of recreational activities on a temperate terrestrial wildlife assemblage. Conservation Science and Practice, 2020, 2, e271.	2.0	36
30	eDNA sampled from stream networks correlates with camera trap detection rates of terrestrial mammals. Scientific Reports, 2021, 11, 11362.	3.3	35
31	Global camera trap synthesis highlights the importance of protected areas in maintaining mammal diversity. Conservation Letters, 2022, 15, .	5.7	35
32	Population genetic structure of the cyclic snowshoe hare (Lepus americanus) in southwestern Yukon, Canada. Molecular Ecology, 2002, 11, 1689-1701.	3.9	34
33	The importance of considering multiple interacting species for conservation of species at risk. Conservation Biology, 2019, 33, 709-715.	4.7	32
34	Walking with lions: why there is no role for captive-origin lions Panthera leo in species restoration. Oryx, 2013, 47, 19-24.	1.0	31
35	The role of digital data entry in participatory environmental monitoring. Conservation Biology, 2016, 30, 1277-1287.	4.7	27
36	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. PLoS ONE, 2020, 15, e0229055.	2.5	25

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37	Influences of landscape change and winter severity on invasive ungulate persistence in the Nearctic boreal forest. Scientific Reports, 2020, 10, 8742.	3.3	25
38	The case for fencing remains intact. Ecology Letters, 2013, 16, 1414.	6.4	24
39	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
40	Mammal responses to the human footprint vary across species and stressors. Journal of Environmental Management, 2018, 217, 690-699.	7.8	22
41	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
42	Boreal predator coâ€•occurrences reveal shared use of seismic lines in a working landscape. Ecology and Evolution, 2020, 10, 1678-1691.	1.9	21
43	Protecting biodiversity in British Columbia: Recommendations for developing species at risk legislation. Facets, 2019, 4, 136-160.	2.4	21
44	The decline of lions in Ghanaâ€™s Mole National Park. African Journal of Ecology, 2011, 49, 122-126.	0.9	18
45	Predicting human-carnivore conflict at the urban-wildland interface. Global Ecology and Conservation, 2020, 24, e01322.	2.1	17
46	Mammal responses to human footprint vary with spatial extent but not with spatial grain. Ecosphere, 2017, 8, e01735.	2.2	16
47	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
48	Community-level modelling of boreal forest mammal distribution in an oil sands landscape. Science of the Total Environment, 2021, 755, 142500.	8.0	15
49	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
50	Prioritizing restoration of fragmented landscapes for wildlife conservation: A graph-theoretic approach. Biological Conservation, 2019, 232, 173-186.	4.1	14
51	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
52	INFLUENCE OF RELATEDNESS ON SNOWSHOE HARE SPACING BEHAVIOR. Journal of Mammalogy, 2003, 84, 1100-1111.	1.3	13
53	Spatial structure of reproductive success infers mechanisms of ungulate invasion in Nearctic boreal landscapes. Ecology and Evolution, 2021, 11, 900-911.	1.9	12
54	Effects of law enforcement and community outreach on mammal diversity in a biodiversity hotspot. Conservation Biology, 2019, 33, 612-622.	4.7	11

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55	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
56	Predator control alters wolf interactions with prey and competitor species over the diel cycle. Oikos, 0, , .	2.7	10
57	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
58	Multispecies modelling reveals potential for habitat restoration to reâ€•establish boreal vertebrate community dynamics. Journal of Applied Ecology, 2021, 58, 2821-2832.	4.0	8
59	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
60	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
61	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
62	Behavioral â€œbycatchâ€•from camera trap surveys yields insights on prey responses to humanâ€•mediated predation risk. Ecology and Evolution, 2022, 12, .	1.9	4
63	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
64	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
65	Road visibility influences habitat selection by grizzly bears (UrsusÂarctosÂhorribilis). Canadian Journal of Zoology, 2021, 99, 161-171.	1.0	3
66	Attitudes towards the Sri Lankan leopard Panthera pardus kotiya in two rural communities. Oryx, 2022, 56, 528-536.	1.0	3
67	Is accurate location information necessary for repeatability in field-based ecology?. Frontiers in Ecology and the Environment, 2013, 11, 178-178.	4.0	2
68	Biodiversity: past, present and future. Biology Letters, 2012, 8, 3-5.	2.3	1
69	Canadian Science Meets Parliament: Building relationships between scientists and policymakers. Science and Public Policy, 2020, , .	2.4	1
70	Indigenous peoples as sentinels of change in humanâ€•wildlife relationships: Conservation status of mountain goats in Kitasoo Xai'xais territory and beyond. Conservation Science and Practice, 2022, 4, .	2.0	1
71	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. , 2020, 15, e0229055.		0
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73	Effects of scent lure on camera trap detections vary across mammalian predator and prey species. , 2020, 15, e0229055.		0
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