

Tim Caro

List of Publications by Citations

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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.

113
papers

4,062
citations

34
h-index

61
g-index

120
ext. papers

4,889
ext. citations

4.3
avg, IF

6.13
L-index

#	Paper	IF	Citations
113	Top Predators as Conservation Tools: Ecological Rationale, Assumptions, and Efficacy. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2008 , 39, 1-19	13.5	347
112	The Adaptive Significance of Coloration in Mammals. <i>BioScience</i> , 2005 , 55, 125	5.7	295
111	The biology of color. <i>Science</i> , 2017 , 357,	33.3	289
110	Flagship species on covers of US conservation and nature magazines. <i>Biodiversity and Conservation</i> , 2008 , 17, 1517-1528	3.4	160
109	The adaptive significance of coloration in lagomorphs. <i>Biological Journal of the Linnean Society</i> , 2003 , 79, 309-328	1.9	102
108	Contrasting coloration in terrestrial mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 537-48	5.8	99
107	The behaviour-conservation interface. <i>Trends in Ecology and Evolution</i> , 1999 , 14, 366-369	10.9	96
106	Preliminary assessment of the flagship species concept at a small scale. <i>Animal Conservation</i> , 2004 , 7, 63-70	3.2	92
105	Cheetahs and wild dogs show contrasting patterns of suppression by lions. <i>Journal of Animal Ecology</i> , 2014 , 83, 1418-27	4.7	91
104	Assessment of effectiveness of protection strategies in Tanzania based on a decade of survey data for large herbivores. <i>Conservation Biology</i> , 2007 , 21, 635-46	6	91
103	Physiology, behavior, and conservation. <i>Physiological and Biochemical Zoology</i> , 2014 , 87, 1-14	2	88
102	Conservation in the Anthropocene. <i>Conservation Biology</i> , 2012 , 26, 185-8	6	79
101	The function of zebra stripes. <i>Nature Communications</i> , 2014 , 5, 3535	17.4	74
100	A new framework for selecting environmental surrogates. <i>Science of the Total Environment</i> , 2015 , 538, 1029-38	10.2	67
99	Evolution of weaponry in female bovids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 4329-34	4.4	67
98	Endangered species and a threatened discipline: behavioural ecology. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 111-8	10.9	65
97	The Pleistocene re-wilding gambit. <i>Trends in Ecology and Evolution</i> , 2007 , 22, 281-3	10.9	64

96	Woody vegetation structure and composition along a protection gradient in a miombo ecosystem of western Tanzania. <i>Forest Ecology and Management</i> , 2006 , 230, 179-185	3.9	64
95	Realities of documenting wildlife corridors in tropical countries. <i>Biological Conservation</i> , 2009 , 142, 2807-2811	2.11	60
94	When protection falters. <i>African Journal of Ecology</i> , 2007 , 45, 233-235	0.8	57
93	Guidelines for Wildlife Monitoring: Savannah Herbivores. <i>Tropical Conservation Science</i> , 2016 , 9, 1-15	1.4	57
92	Changes in large herbivore populations across large areas of Tanzania. <i>African Journal of Ecology</i> , 2007 , 45, 202-215	0.8	53
91	Bold coloration and the evolution of aposematism in terrestrial carnivores. <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 3090-9	3.8	50
90	Why is the giant panda black and white?. <i>Behavioral Ecology</i> , 2017 , 28, 657-667	2.3	49
89	Conservation value of multiple-use areas in East Africa. <i>Conservation Biology</i> , 2007 , 21, 1516-25	6	48
88	Use of Substitute Species in Conservation Biology. <i>Conservation Biology</i> , 2005 , 19, 1821-1826	6	48
87	Compromise solutions between conservation and road building in the tropics. <i>Current Biology</i> , 2014 , 24, R722-5	6.3	45
86	Decline of large mammals in the Katavi-Rukwa ecosystem of western Tanzania. <i>African Zoology</i> , 2008 , 43, 99-116	1.1	44
85	The role of research in evaluating conservation strategies in Tanzania: the case of the Katavi-Rukwa ecosystem. <i>Conservation Biology</i> , 2007 , 21, 647-58	6	43
84	Eighteen reasons animal behaviourists avoid involvement in conservation. <i>Animal Behaviour</i> , 2013 , 85, 305-312	2.8	39
83	The ecology of multiple colour defences. <i>Evolutionary Ecology</i> , 2016 , 30, 797-809	1.8	37
82	Assessing the effectiveness of protected areas: paradoxes call for pluralism in evaluating conservation performance. <i>Diversity and Distributions</i> , 2009 , 15, 178-182	5	36
81	The colours of extant mammals. <i>Seminars in Cell and Developmental Biology</i> , 2013 , 24, 542-52	7.5	34
80	The functional significance of colouration in cetaceans. <i>Evolutionary Ecology</i> , 2011 , 25, 1231-1245	1.8	34
79	The woodland vegetation of the Katavi-Rukwa ecosystem in western Tanzania. <i>Forest Ecology and Management</i> , 2008 , 255, 3382-3395	3.9	33

78	Vanishing behaviors. <i>Conservation Letters</i> , 2012 , 5, 159-166	6.9	32
77	Coloration in Mammals. <i>Trends in Ecology and Evolution</i> , 2020 , 35, 357-366	10.9	30
76	Factors Affecting Bushmeat Consumption in the Katavi-Rukwa Ecosystem of Tanzania. <i>Tropical Conservation Science</i> , 2012 , 5, 446-462	1.4	30
75	Structural connectivity at a national scale: Wildlife corridors in Tanzania. <i>PLoS ONE</i> , 2017 , 12, e0187407	3.7	28
74	The function of contrasting pelage markings in artiodactyls. <i>Behavioral Ecology</i> , 2010 , 21, 78-84	2.3	28
73	Spatial and Temporal Patterns of Abundance and Diversity of an East African Leaf Litter Amphibian Fauna. <i>Biotropica</i> , 2007 , 39, 105-113	2.3	27
72	Effects of conservation education on reasons to conserve biological diversity. <i>Biological Conservation</i> , 2003 , 114, 143-152	6.2	26
71	Animal coloration research: why it matters. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	25
70	Antipredator deception in terrestrial vertebrates. <i>Environmental Epigenetics</i> , 2014 , 60, 16-25	2.4	25
69	Knowledge and attitudes of children of the Rupununi: Implications for conservation in Guyana. <i>Biological Conservation</i> , 2009 , 142, 879-887	6.2	25
68	Ecological drivers of antipredator defenses in carnivores. <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 1415-25	3.8	24
67	Wallace on Coloration: Contemporary Perspective and Unresolved Insights. <i>Trends in Ecology and Evolution</i> , 2017 , 32, 23-30	10.9	24
66	Interspecific visual signalling in animals and plants: a functional classification. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	23
65	Pelage coloration in pinnipeds: functional considerations. <i>Behavioral Ecology</i> , 2012 , 23, 765-774	2.3	23
64	On the merits and feasibility of wildlife monitoring for conservation: a case study from Katavi National Park, Tanzania. <i>African Journal of Ecology</i> , 2011 , 49, 320-331	0.8	23
63	Decline of large mammals in the Katavi-Rukwa ecosystem of western Tanzania. <i>African Zoology</i> , 2008 , 43, 99-116	1.1	23
62	Bushmeat Consumption in Western Tanzania: A Comparative Analysis from the Same Ecosystem. <i>Tropical Conservation Science</i> , 2012 , 5, 352-364	1.4	22
61	Wildlife and wildlife management in Tanzania. <i>Conservation Biology</i> , 2016 , 30, 716-23	6	22

60	Benefits of zebra stripes: Behaviour of tabanid flies around zebras and horses. <i>PLoS ONE</i> , 2019 , 14, e0210831	10.3	22
59	Sensitivity of African larger mammals to humans. <i>Journal for Nature Conservation</i> , 2018 , 43, 136-145	2.3	21
58	Flash behavior increases prey survival. <i>Behavioral Ecology</i> , 2018 , 29, 528-533	2.3	21
57	Lion populations may be declining in Africa but not as Bauer et al. suggest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E107-8	11.5	21
56	Illegal hunting in the Katavi-Rukwa ecosystem. <i>African Journal of Ecology</i> , 2013 , 51, 172-175	0.8	20
55	Aposematism: Unpacking the Defences. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 595-604	10.9	18
54	Prey preferences of bushmeat hunters in an East African savannah ecosystem. <i>European Journal of Wildlife Research</i> , 2013 , 59, 137-145	2	18
53	Habitat preferences of small mammals in the Katavi ecosystem of western Tanzania. <i>African Journal of Ecology</i> , 2007 , 45, 249-257	0.8	16
52	Butterfly species richness and abundance in the Katavi ecosystem of western Tanzania. <i>African Journal of Ecology</i> , 2006 , 44, 353-362	0.8	16
51	Zebra Stripes through the Eyes of Their Predators, Zebras, and Humans. <i>PLoS ONE</i> , 2016 , 11, e0145679	3.7	16
50	The evolution of anterior coloration in carnivorans. <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1	2.5	14
49	Remarkable rates of lightning strike mortality in Malawi. <i>PLoS ONE</i> , 2012 , 7, e29281	3.7	14
48	The functional significance of coloration in crabs. <i>Biological Journal of the Linnean Society</i> , 2018 , 124, 1-10	1.9	13
47	How size and conspicuousness affect the efficacy of flash coloration. <i>Behavioral Ecology</i> , 2019 , 30, 697-703	2.3	12
46	Colour polymorphism in the coconut crab (<i>Birgus latro</i>). <i>Evolutionary Ecology</i> , 2018 , 32, 75-88	1.8	12
45	Focal Species. <i>Conservation Biology</i> , 2000 , 14, 1569-1570	6	11
44	Zebra Stripes 2016 ,		11
43	The Big 5 and conservation. <i>Animal Conservation</i> , 2013 , 16, 261-262	3.2	10

42	Behavior and conservation, conservation and behavior. <i>Current Opinion in Behavioral Sciences</i> , 2016 , 12, 97-102	4	10
41	The Consequences of Internal Migration in Sub-Saharan Africa: A Case Study. <i>BioScience</i> , 2017 , 67, 664-671	3.7	9
40	Conservation and behavior of Africa's Big Five. <i>Environmental Epigenetics</i> , 2014 , 60, 486-499	2.4	8
39	Concordance on zebra stripes: a comment on Larison et al. (2015). <i>Royal Society Open Science</i> , 2015 , 2, 150323	3.3	8
38	Risk of injury and death from lightning in Northern Malawi. <i>Natural Hazards</i> , 2012 , 62, 853-862	3	8
37	Zebbras and Biting Flies: Quantitative Analysis of Reflected Light from Zebra Coats in Their Natural Habitat. <i>PLoS ONE</i> , 2016 , 11, e0154504	3.7	8
36	The evolution of primate coloration revisited. <i>Behavioral Ecology</i> , 2021 , 32, 555-567	2.3	8
35	Animal coloration: production, perception, function and application. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	7
34	Roads through National Parks: A Successful Case Study. <i>Tropical Conservation Science</i> , 2015 , 8, 1009-1016	6.4	7
33	Chelonian Antipredator Strategies: Preliminary and Comparative Data from Tanzanian Pelusios. <i>Chelonian Conservation and Biology</i> , 2010 , 9, 302-305	0.9	7
32	Flash behavior in mammals?. <i>Behavioral Ecology and Sociobiology</i> , 2020 , 74, 1	2.5	6
31	Cheetahs modify their prey handling behavior depending on risks from top predators. <i>Behavioral Ecology and Sociobiology</i> , 2018 , 72, 1	2.5	6
30	An inconvenient misconception: Climate change is not the principal driver of biodiversity loss. <i>Conservation Letters</i> ,	6.9	6
29	Does REDD+ have a chance? Implications from Pemba, Tanzania. <i>Oryx</i> , 2020 , 1-7	1.5	5
28	Can behavioural ecologists help establish protected areas?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019 , 374, 20180062	5.8	5
27	Investigating colouration in large and rare mammals: the case of the giant anteater. <i>Ethology Ecology and Evolution</i> , 2012 , 24, 104-115	0.7	5
26	Zebra stripes, tabanid biting flies and the aperture effect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20201521	4.4	5
25	Towards an ecology of protective coloration. <i>Biological Reviews</i> , 2021 , 96, 611-641	13.5	5

24	Who reads nowadays?: a comment on Berger-Tal et al.. <i>Behavioral Ecology</i> , 2019 , 30, 11-12	2.3	4
23	Correlates of color polymorphism in coconut crabs <i>Birgus latro</i> . <i>Zoology</i> , 2018 , 129, 1-8	1.7	4
22	Behavioural ecology cannot profit from unstructured environmental change. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 321-322	10.9	4
21	The forgotten link between northern and southern Tanzania. <i>African Journal of Ecology</i> , 2018 , 56, 1012-1016	0.8	3
20	Colour polymorphism and protective coloration in coconut crabs. <i>Ethology Ecology and Evolution</i> , 2019 , 31, 514-525	0.7	3
19	Incipient signs of genetic differentiation among African elephant populations in fragmenting miombo ecosystems in south-western Tanzania. <i>African Journal of Ecology</i> , 2018 , 56, 993-1002	0.8	2
18	Modelling habitat conversion in miombo woodlands: insights from Tanzania. <i>Journal of Land Use Science</i> , 2017 ,	2.7	2
17	Reptiles of Katavi National Park, western Tanzania, are from different biomes. <i>African Journal of Ecology</i> , 2011 , 49, 377-382	0.8	2
16	Avifauna of the Katavi-Rukwa Ecosystem, Tanzania. <i>Journal of the East Africa Natural History Society and National Museum</i> , 2009 , 98, 95-117		2
15	Leaping in impala. <i>African Journal of Ecology</i> , 2008 , 46, 105-106	0.8	2
14	A silver lining to REDD: Institutional growth despite programmatic failure. <i>Conservation Science and Practice</i> , 2021 , 3, e312	2.2	2
13	Ecocorrelates of pelage coloration in pigs and peccaries. <i>Journal of Mammalogy</i> , 2018 , 99, 1093-1100	1.8	2
12	Systematic data are the best way forward in studies of teaching. <i>Behavioral and Brain Sciences</i> , 2015 , 38, e35	0.9	1
11	How community forest management performs when REDD+ payments fail. <i>Environmental Research Letters</i> ,	6.2	1
10	Efficacy of land use designation in protecting habitat in the miombo woodlands: Insights from Tanzania		1
9	Zebra stripes. <i>Current Biology</i> , 2020 , 30, R973-R974	6.3	1
8	Lions, Bylaws, and Conservation Metrics. <i>BioScience</i> , 2019 ,	5.7	1
7	When animal coloration is a poor match. <i>Evolutionary Ecology</i> , 2021 , 35, 1-13	1.8	1

6	Looking up and down: Strong collaboration is only the first step in tackling parachute science. <i>Conservation Science and Practice</i> , 2022 , 4,	2.2	1
5	A case study of the coconut crab <i>Birgus latro</i> on Zanzibar highlights global threats and conservation solutions. <i>Oryx</i> , 2020 , 1-8	1.5	0
4	The giant panda is cryptic. <i>Scientific Reports</i> , 2021 , 11, 21287	4.9	0
3	Aposematism in mammals. <i>Evolution; International Journal of Organic Evolution</i> , 2021 , 75, 2480-2493	3.8	0
2	Kingdon on Colouration: Crested Rats, Guenons and Zebras. <i>Journal of East African Natural History</i> , 2015 , 104, 15-20	0.3	
1	A roadmap for comparative primate coloration research: a response to comments on Caro et al.. <i>Behavioral Ecology</i> , 2021 , 32, 572-573	2.3	