Tim Caro

List of Publications by Year
in descending order

117 papers	5,712 citations	81900 39 h-index	88630 70 g-index
120 all docs	120 docs citations	120 times ranked	6142 citing authors

#	Article	IF	Citations
1	How community forest management performs when REDD+ payments fail. Environmental Research Letters, 2022, 17, 034019.	5.2	7
2	An inconvenient misconception: Climate change is not the principal driver of biodiversity loss. Conservation Letters, 2022, 15, .	5.7	62
3	Animal Coloration in the Anthropocene. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	7
4	Ecological Drivers of Habitat Use by Meso Mammals in a Miombo Ecosystem in the Issa Valley, Tanzania. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	2
5	Looking up and down: Strong collaboration is only the first step in tackling parachute science. Conservation Science and Practice, 2022, 4, .	2.0	7
6	Does REDD+ have a chance? Implications from Pemba, Tanzania. Oryx, 2021, 55, 725-731.	1.0	10
7	Towards an ecology of protective coloration. Biological Reviews, 2021, 96, 611-641.	10.4	32
8	When animal coloration is a poor match. Evolutionary Ecology, 2021, 35, 1-13.	1.2	6
9	Pig pigmentation: testing Glogerâ€™s rule. Journal of Mammalogy, 2021, 102, 1525-1535.	1.3	6
10	The evolution of primate coloration revisited. Behavioral Ecology, 2021, 32, 555-567.	2.2	22
11	A roadmap for comparative primate coloration research: a response to comments on Caro et al.. Behavioral Ecology, 2021, 32, 572-573.	2.2	1
12	Aposematism in mammals. Evolution; International Journal of Organic Evolution, 2021, 75, 2480-2493.	2.3	9
13	The giant panda is cryptic. Scientific Reports, 2021, 11, 21287.	3.3	14
14	A silver lining to REDD: Institutional growth despite programmatic failure. Conservation Science and Practice, 2021, 3, e312.	2.0	7
15	Zebra stripes, tabanid biting flies and the aperture effect. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201521.	2.6	14
16	Zebra stripes. Current Biology, 2020, 30, R973-R974.	3.9	4
17	Flash behavior in mammals?. Behavioral Ecology and Sociobiology, 2020, 74, 1.	1.4	13
18	Coloration in Mammals. Trends in Ecology and Evolution, 2020, 35, 357-366.	8.7	75

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19	Colour polymorphism and protective coloration in coconut crabs. Ethology Ecology and Evolution, 2019, 31, 514-525.	1.4	6
20	Can behavioural ecologists help establish protected areas?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180062.	4.0	9
21	Aposematism: Unpacking the Defences. Trends in Ecology and Evolution, 2019, 34, 595-604.	8.7	46
22	Who reads nowadays?: a comment on Berger-Tal et al.. Behavioral Ecology, 2019, 30, 11-12.	2.2	5
23	How size and conspicuousness affect the efficacy of flash coloration. Behavioral Ecology, 2019, 30, 697-702.	2.2	18
24	Benefits of zebra stripes: Behaviour of tabanid flies around zebras and horses. PLoS ONE, 2019, 14, e0210831.	2.5	61
25	Sensitivity of Africaâ€™s larger mammals to humans. Journal for Nature Conservation, 2018, 43, 136-145.	1.8	27
26	Flash behavior increases prey survival. Behavioral Ecology, 2018, 29, 528-533.	2.2	36
27	Cheetahs modify their prey handling behavior depending on risks from top predators. Behavioral Ecology and Sociobiology, 2018, 72, 1.	1.4	14
28	The functional significance of coloration in crabs. Biological Journal of the Linnean Society, 2018, 124, 1-10.	1.6	18
29	Colour polymorphism in the coconut crab (Birgus latro). Evolutionary Ecology, 2018, 32, 75-88.	1.2	18
30	Ecocorrelates of pelage coloration in pigs and peccaries. Journal of Mammalogy, 2018, 99, 1093-1100.	1.3	5
31	The forgotten link between northern and southern Tanzania. African Journal of Ecology, 2018, 56, 1012-1016.	0.9	6
32	Incipient signs of genetic differentiation among African elephant populations in fragmenting miombo ecosystems in southâ€western Tanzania. African Journal of Ecology, 2018, 56, 993-1002.	0.9	5
33	Correlates of color polymorphism in coconut crabs Birgus latro. Zoology, 2018, 129, 1-8.	1.2	6
34	Animal coloration research: why it matters. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160333.	4.0	33
35	Interspecific visual signalling in animals and plants: a functional classification. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160344.	4.0	46
36	Animal coloration: production, perception, function and application. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20170047.	4.0	14

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37	Why is the giant panda black and white?. Behavioral Ecology, 2017, 28, 657-667.	2.2	65
38	The biology of color. Science, 2017, 357, .	12.6	509
39	The evolution of anterior coloration in carnivorans. Behavioral Ecology and Sociobiology, 2017, 71, 1.	1.4	21
40	The Consequences of Internal Migration in Sub-Saharan Africa: A Case Study. BioScience, 2017, 67, 664-671.	4.9	11
41	Wallace on Coloration: Contemporary Perspective and Unresolved Insights. Trends in Ecology and Evolution, 2017, 32, 23-30.	8.7	40
42	Structural connectivity at a national scale: Wildlife corridors in Tanzania. PLoS ONE, 2017, 12, e0187407.	2.5	48
43	Wildlife and wildlife management in Tanzania. Conservation Biology, 2016, 30, 716-723.	4.7	36
44	Guidelines for Wildlife Monitoring: Savannah Herbivores. Tropical Conservation Science, 2016, 9, 1-15.	1.2	67
45	Behavior and conservation, conservation and behavior. Current Opinion in Behavioral Sciences, 2016, 12, 97-102.	3.9	17
46	The ecology of multiple colour defences. Evolutionary Ecology, 2016, 30, 797-809.	1.2	66
47	Lion populations may be declining in Africa but not as Bauer et al. suggest. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E107-E108.	7.1	28
48	Zebra Stripes through the Eyes of Their Predators, Zebras, and Humans. PLoS ONE, 2016, 11, e0145679.	2.5	28
49	Zebras and Biting Flies: Quantitative Analysis of Reflected Light from Zebra Coats in Their Natural Habitat. PLoS ONE, 2016, 11, e0154504.	2.5	11
50	Systematic data are the best way forward in studies of teaching. Behavioral and Brain Sciences, 2015, 38, e35.	0.7	1
51	Roads through National Parks: A Successful Case Study. Tropical Conservation Science, 2015, 8, 1009-1016.	1.2	15
52	Concordance on zebra stripes: a comment on Larison et al. (2015). Royal Society Open Science, 2015, 2, 150323.	2.4	13
53	Kingdon on Colouration: Crested Rats, Guenons and Zebras. Journal of East African Natural History, 2015, 104, 15-20.	0.6	0
54	A new framework for selecting environmental surrogates. Science of the Total Environment, 2015, 538, 1029-1038.	8.0	84

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55	Antipredator deception in terrestrial vertebrates. Environmental Epigenetics, 2014, 60, 16-25.	1.8	36
56	The function of zebra stripes. Nature Communications, 2014, 5, 3535.	12.8	113
57	Compromise solutions between conservation and road building in the tropics. Current Biology, 2014, 24, R722-R725.	3.9	60
58	Physiology, Behavior, and Conservation. Physiological and Biochemical Zoology, 2014, 87, 1-14.	1.5	99
59	ECOLOGICAL DRIVERS OF ANTIPREDATOR DEFENSES IN CARNIVORES. Evolution; International Journal of Organic Evolution, 2014, 68, 1415-1425.	2.3	32
60	Cheetahs and wild dogs show contrasting patterns of suppression by lions. Journal of Animal Ecology, 2014, 83, 1418-1427.	2.8	123
61	Conservation and behavior of Africaâ€™s â€œBig Fiveâ€• Environmental Epigenetics, 2014, 60, 486-499.	1.8	10
62	The <scp>B</scp>ig 5 and conservation. Animal Conservation, 2013, 16, 261-262.	2.9	15
63	Eighteen reasons animal behaviourists avoid involvement in conservation. Animal Behaviour, 2013, 85, 305-312.	1.9	45
64	Illegal hunting in the <scp>K</scp>ataviâ€‹<scp>R</scp>ukwa ecosystem. African Journal of Ecology, 2013, 51, 172-175.	0.9	25
65	Prey preferences of bushmeat hunters in an East African savannah ecosystem. European Journal of Wildlife Research, 2013, 59, 137-145.	1.4	22
66	The colours of extant mammals. Seminars in Cell and Developmental Biology, 2013, 24, 542-552.	5.0	50
67	Factors Affecting Bushmeat Consumption in the Katavi-Rukwa Ecosystem of Tanzania. Tropical Conservation Science, 2012, 5, 446-462.	1.2	38
68	Bushmeat Consumption in Western Tanzania: A Comparative Analysis from the Same Ecosystem. Tropical Conservation Science, 2012, 5, 352-364.	1.2	27
69	Investigating colouration in large and rare mammals: the case of the giant anteater. Ethology Ecology and Evolution, 2012, 24, 104-115.	1.4	5
70	Remarkable Rates of Lightning Strike Mortality in Malawi. PLoS ONE, 2012, 7, e29281.	2.5	23
71	Pelage coloration in pinnipeds: functional considerations. Behavioral Ecology, 2012, 23, 765-774.	2.2	28
72	Risk of injury and death from lightning in Northern Malawi. Natural Hazards, 2012, 62, 853-862.	3.4	11

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73	Conservation in the Anthropocene. Conservation Biology, 2012, 26, 185-188.	4.7	105
74	Vanishing behaviors. Conservation Letters, 2012, 5, 159-166.	5.7	39
75	Endangered species and a threatened discipline: behavioural ecology. Trends in Ecology and Evolution, 2011, 26, 111-118.	8.7	78
76	Behavioural ecology cannot profit from unstructured environmental change. Trends in Ecology and Evolution, 2011, 26, 321-322.	8.7	4
77	Reptiles of Katavi National Park, western Tanzania, are from different biomes. African Journal of Ecology, 2011, 49, 377-382.	0.9	3
78	On the merits and feasibility of wildlife monitoring for conservation: a case study from Katavi National Park, Tanzania. African Journal of Ecology, 2011, 49, 320-331.	0.9	28
79	BOLD COLORATION AND THE EVOLUTION OF APOSEMATISM IN TERRESTRIAL CARNIVORES. Evolution; International Journal of Organic Evolution, 2011, 65, 3090-3099.	2.3	60
80	The functional significance of colouration in cetaceans. Evolutionary Ecology, 2011, 25, 1231-1245.	1.2	42
81	The function of contrasting pelage markings in artiodactyls. Behavioral Ecology, 2010, 21, 78-84.	2.2	33
82	Chelonian Antipredator Strategies: Preliminary and Comparative Data from Tanzanian Pelusios. Chelonian Conservation and Biology, 2010, 9, 302-305.	0.6	7
83	Evolution of weaponry in female bovids. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4329-4334.	2.6	85
84	Assessing the effectiveness of protected areas: paradoxes call for pluralism in evaluating conservation performance. Diversity and Distributions, 2009, 15, 178-182.	4.1	47
85	Avifauna of the Katavi-Rukwa Ecosystem, Tanzania. Journal of the East Africa Natural History Society and National Museum, 2009, 98, 95-117.	1.0	4
86	Knowledge and attitudes of children of the Rupununi: Implications for conservation in Guyana. Biological Conservation, 2009, 142, 879-887.	4.1	34
87	Realities of documenting wildlife corridors in tropical countries. Biological Conservation, 2009, 142, 2807-2811.	4.1	68
88	Contrasting coloration in terrestrial mammals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 537-548.	4.0	128
89	Flagship species on covers of US conservation and nature magazines. Biodiversity and Conservation, 2008, 17, 1517-1528.	2.6	202
90	Leaping in impala. African Journal of Ecology, 2008, 46, 105-106.	0.9	2

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91	Top Predators as Conservation Tools: Ecological Rationale, Assumptions, and Efficacy. Annual Review of Ecology, Evolution, and Systematics, 2008, 39, 1-19.	8.3	475
92	The woodland vegetation of the Katavi-Rukwa ecosystem in western Tanzania. Forest Ecology and Management, 2008, 255, 3382-3395.	3.2	40
93	Decline of large mammals in the Katavi-Rukwa ecosystem of western Tanzania. African Zoology, 2008, 43, 99-116.	0.4	29
94	Decline of large mammals in the Katavi-Rukwa ecosystem of western Tanzania. African Zoology, 2008, 43, 99-116.	0.4	50
95	The Pleistocene re-wilding gambit. Trends in Ecology and Evolution, 2007, 22, 281-283.	8.7	75
96	Behavior and conservation: a bridge too far?. Trends in Ecology and Evolution, 2007, 22, 394-400.	8.7	180
97	Habitat preferences of small mammals in the Katavi ecosystem of western Tanzania. African Journal of Ecology, 2007, 45, 249-257.	0.9	20
98	Changes in large herbivore populations across large areas of Tanzania. African Journal of Ecology, 2007, 45, 202-215.	0.9	64
99	When protection falters. African Journal of Ecology, 2007, 45, 233-235.	0.9	66
100	The Role of Research in Evaluating Conservation Strategies in Tanzania: the Case of the Katavi-Rukwa Ecosystem. Conservation Biology, 2007, 21, 647-658.	4.7	47
101	Assessment of Effectiveness of Protection Strategies in Tanzania Based on a Decade of Survey Data for Large Herbivores. Conservation Biology, 2007, 21, 635-646.	4.7	119
102	Conservation Value of Multiple-Use Areas in East Africa. Conservation Biology, 2007, 21, 071005074933002-???.	4.7	60
103	Spatial and Temporal Patterns of Abundance and Diversity of an East African Leaf Litter Amphibian Fauna. Biotropica, 2007, 39, 105-113.	1.6	35
104	Woody vegetation structure and composition along a protection gradient in a miombo ecosystem of western Tanzania. Forest Ecology and Management, 2006, 230, 179-185.	3.2	82
105	Butterfly species richness and abundance in the Katavi ecosystem of western Tanzania. African Journal of Ecology, 2006, 44, 353-362.	0.9	23
106	Use of Substitute Species in Conservation Biology. Conservation Biology, 2005, 19, 1821-1826.	4.7	62
107	The Adaptive Significance of Coloration in Mammals. BioScience, 2005, 55, 125.	4.9	390
108	Preliminary assessment of the flagship species concept at a small scale. Animal Conservation, 2004, 7, 63-70.	2.9	107

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109	The adaptive significance of coloration in lagomorphs. Biological Journal of the Linnean Society, 2003, 79, 309-328.	1.6	122
110	Effects of conservation education on reasons to conserve biological diversity. Biological Conservation, 2003, 114, 143-152.	4.1	34
111	Focal Species. Conservation Biology, 2000, 14, 1569-1570.	4.7	11
112	The behaviourâ€“conservation interface. Trends in Ecology and Evolution, 1999, 14, 366-369.	8.7	118
113	Modelling habitat conversion in miombo woodlands: Insights from Tanzania. Journal of Land Use Science, 0, , .	2.2	6
114	Lions, Bylaws, and Conservation Metrics. BioScience, 0, , .	4.9	2
115	A case study of the coconut crab Birgus latro on Zanzibar highlights global threats and conservation solutions. Oryx, 0, , 1-8.	1.0	3
116	Aposematism and mimicry in birds. Ibis, 0, , .	1.9	7
117	On the evolution of distinctive natal coat coloration in primates. American Journal of Biological Anthropology, 0, , .	1.1	1