Christian L Cox

List of Publications by Year
in descending order

40 papers	745 citations	623734 14 h-index	580821 25 g-index
42 all docs	42 docs citations	42 times ranked	941 citing authors

#	Article	IF	Citations
1	Predator-based selection and the impact of edge sympatry on components of coral snake mimicry. Evolutionary Ecology, 2022, 36, 135-149.	1.2	1
2	Ecology drives patterns of spectral transmission in the ocular lenses of frogs and salamanders. Functional Ecology, 2022, 36, 850-864.	3.6	8
3	Species-Specific Expression of Growth-Regulatory Genes in 2 Anoles with Divergent Patterns of Sexual Size Dimorphism. Integrative Organismal Biology, 2022, 4, .	1.8	1
4	Sex-specific microhabitat use is associated with sex-biased thermal physiology in Anolis lizards. Journal of Experimental Biology, 2021, 224, .	1.7	11
5	Genetic mechanisms and correlational selection structure trait variation in a coral snake mimic. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210003.	2.6	4
6	Tactile stimuli induce deimatic antipredator displays in ringneck snakes. Ethology, 2021, 127, 465-474.	1.1	6
7	Habitat structure mediates vulnerability to climate change through its effects on thermoregulatory behavior. Biotropica, 2021, 53, 1121-1133.	1.6	11
8	Elevation, oxygen, and the origins of viviparity. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 457-469.	1.3	6
9	A chromosome-level genome assembly for the eastern fence lizard (Sceloporus undulatus), a reptile model for physiological and evolutionary ecology. GigaScience, 2021, 10, .	6.4	3
10	Evolutionary history and sex are significant drivers of crayfish demography in resource-limited cave ecosystems. Evolutionary Ecology, 2020, 34, 235-255.	1.2	5
11	Thermal ecology and physiology of an elongate and semi-fossorial arthropod, the bark centipede. Journal of Thermal Biology, 2020, 94, 102755.	2.5	2
12	Relative fitness of decoy coloration is mediated by habitat type. Zoology, 2020, 142, 125820.	1.2	5
13	Ectoparasite extinction in simplified lizard assemblages during experimental island invasion. Biology Letters, 2020, 16, 20200474.	2.3	8
14	Acclimatization in the physiological performance of an introduced ectotherm. Journal of Experimental Biology, 2020, 223, .	1.7	4
15	Sex-biased parasitism and expression of a sexual signal. Biological Journal of the Linnean Society, 2020, 131, 785-800.	1.6	10
16	Social Behavior in Nototriton brodiei in the Cloud Forest of Cusuco National Park, Honduras. South American Journal of Herpetology, 2020, 17, 29.	0.5	0
17	Spatial and temporal dynamics of exuberant colour polymorphism in the southern cricket frog. Journal of Natural History, 2020, 54, 2249-2264.	0.5	1
18	Environmental heterogeneity and not vicariant biogeographic barriers generate communityâ€wide population structure in desertâ€adapted snakes. Molecular Ecology, 2019, 28, 4535-4548.	3.9	49

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19	Evolutionary and ecological forces underlying ontogenetic loss of decoy coloration. Biological Journal of the Linnean Society, 2019, 128, 138-148.	1.6	3
20	Synopsis and taxonomic revision of three genera in the snake tribe Sonorini. Journal of Natural History, 2018, 52, 945-988.	0.5	12
21	Do ring-necked snakes choose retreat sites based upon thermal preferences?. Journal of Thermal Biology, 2018, 71, 232-236.	2.5	16
22	Hormonally Mediated Increases in Sex-Biased Gene Expression Accompany the Breakdown of Between-Sex Genetic Correlations in a Sexually Dimorphic Lizard. American Naturalist, 2017, 189, 315-332.	2.1	54
23	Condition dependence of shared traits differs between sympatricAnolislizards. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2017, 327, 110-118.	1.9	4
24	Coral snakes predict the evolution of mimicry across New World snakes. Nature Communications, 2016, 7, 11484.	12.8	126
25	Correlated evolution between targets of preâ€•and postcopulatory sexual selection across squamate reptiles. Ecology and Evolution, 2016, 6, 6452-6459.	1.9	27
26	Unlinked Mendelian inheritance of red and black pigmentation in snakes: Implications for Batesian mimicry. Evolution; International Journal of Organic Evolution, 2016, 70, 944-953.	2.3	14
27	Both sexes suffer increased parasitism and reduced energy storage as costs of reproduction in the brown anole,Anolis sagrei. Biological Journal of the Linnean Society, 2016, 117, 516-527.	1.6	20
28	Phylogeography and lineage-specific patterns of genetic diversity and molecular evolution in a group of North American skinks. Biological Journal of the Linnean Society, 2015, 116, 819-833.	1.6	4
29	The metabolic cost of mounting an immune response in male brown anoles (Anolis sagrei). Journal of Experimental Zoology, 2015, 323, 689-695.	1.2	14
30	Female anoles retain responsiveness to testosterone despite the evolution of androgenâ€•mediated sexual dimorphism. Functional Ecology, 2015, 29, 758-767.	3.6	39
31	Evolutionary shifts in habitat aridity predict evaporative water loss across squamate reptiles. Evolution; International Journal of Organic Evolution, 2015, 69, 2507-2516.	2.3	44
32	Patterns of genetic diversity in the polymorphic ground snake (Sonora semiannulata). Genetica, 2014, 142, 361-370.	1.1	9
33	Spatial and Temporal Drivers of Phenotypic Diversity in Polymorphic Snakes. American Naturalist, 2013, 182, E40-E57.	2.1	39
34	Sequence variation in the Mc1r gene for a group of polymorphic snakes. Gene, 2013, 513, 282-286.	2.2	19
35	The fitness consequences of the autotomous blue tail in lizards: an empirical test of predator response using clay models. Zoology, 2012, 115, 339-344.	1.2	41
36	Molecular systematics of the genusSonora(Squamata: Colubridae) in central and western Mexico. Systematics and Biodiversity, 2012, 10, 93-108.	1.2	14

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37	Non-linear scaling of oxygen consumption and heart rate in a very large cockroach species (Gromphadorhina portentosa): correlated changes with body size and temperature. Journal of Experimental Biology, 2012, 215, 1137-1143.	1.7	24
38	Spatial Dynamics of Body Size Frequency Distributions for North American Squamates. Evolutionary Biology, 2011, 38, 453-464.	1.1	14
39	Integrated Postprandial Responses of the Diamondback Water Snake,Nerodia rhombifer. Physiological and Biochemical Zoology, 2010, 83, 618-631.	1.5	25
40	Effects of meal size, meal type, and body temperature on the specific dynamic action of anurans. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 165-182.	1.5	48