

Christian L Cox

List of Publications by Year in descending order

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Version: 2024-02-01

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	Coral snakes predict the evolution of mimicry across New World snakes. <i>Nature Communications</i> , 2016, 7, 11484.	12.8	126
2	Hormonally Mediated Increases in Sex-Biased Gene Expression Accompany the Breakdown of Between-Sex Genetic Correlations in a Sexually Dimorphic Lizard. <i>American Naturalist</i> , 2017, 189, 315-332.	2.1	54
3	Environmental heterogeneity and not vicariant biogeographic barriers generate community-wide population structure in desert-adapted snakes. <i>Molecular Ecology</i> , 2019, 28, 4535-4548.	3.9	49
4	Effects of meal size, meal type, and body temperature on the specific dynamic action of anurans. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2007, 177, 165-182.	1.5	48
5	Evolutionary shifts in habitat aridity predict evaporative water loss across squamate reptiles. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2507-2516.	2.3	44
6	The fitness consequences of the autotomous blue tail in lizards: an empirical test of predator response using clay models. <i>Zoology</i> , 2012, 115, 339-344.	1.2	41
7	Spatial and Temporal Drivers of Phenotypic Diversity in Polymorphic Snakes. <i>American Naturalist</i> , 2013, 182, E40-E57.	2.1	39
8	Female anoles retain responsiveness to testosterone despite the evolution of androgen-mediated sexual dimorphism. <i>Functional Ecology</i> , 2015, 29, 758-767.	3.6	39
9	Correlated evolution between targets of pre- and postcopulatory sexual selection across squamate reptiles. <i>Ecology and Evolution</i> , 2016, 6, 6452-6459.	1.9	27
10	Integrated Postprandial Responses of the Diamondback Water Snake, <i>Nerodia rhombifer</i> . <i>Physiological and Biochemical Zoology</i> , 2010, 83, 618-631.	1.5	25
11	Non-linear scaling of oxygen consumption and heart rate in a very large cockroach species (<i>Gromphadorhina portentosa</i>): correlated changes with body size and temperature. <i>Journal of Experimental Biology</i> , 2012, 215, 1137-1143.	1.7	24
12	Both sexes suffer increased parasitism and reduced energy storage as costs of reproduction in the brown anole, <i>Anolis sagrei</i> . <i>Biological Journal of the Linnean Society</i> , 2016, 117, 516-527.	1.6	20
13	Sequence variation in the Mc1r gene for a group of polymorphic snakes. <i>Gene</i> , 2013, 513, 282-286.	2.2	19
14	Do ring-necked snakes choose retreat sites based upon thermal preferences?. <i>Journal of Thermal Biology</i> , 2018, 71, 232-236.	2.5	16
15	Spatial Dynamics of Body Size Frequency Distributions for North American Squamates. <i>Evolutionary Biology</i> , 2011, 38, 453-464.	1.1	14
16	Molecular systematics of the genus <i>Sonora</i> (Squamata: Colubridae) in central and western Mexico. <i>Systematics and Biodiversity</i> , 2012, 10, 93-108.	1.2	14
17	The metabolic cost of mounting an immune response in male brown anoles (<i>Anolis sagrei</i>). <i>Journal of Experimental Zoology</i> , 2015, 323, 689-695.	1.2	14
18	Unlinked Mendelian inheritance of red and black pigmentation in snakes: Implications for Batesian mimicry. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 944-953.	2.3	14

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19	Synopsis and taxonomic revision of three genera in the snake tribe Sonorini. <i>Journal of Natural History</i> , 2018, 52, 945-988.	0.5	12
20	Sex-specific microhabitat use is associated with sex-biased thermal physiology in <i>Anolis</i> lizards. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	11
21	Habitat structure mediates vulnerability to climate change through its effects on thermoregulatory behavior. <i>Biotropica</i> , 2021, 53, 1121-1133.	1.6	11
22	Sex-biased parasitism and expression of a sexual signal. <i>Biological Journal of the Linnean Society</i> , 2020, 131, 785-800.	1.6	10
23	Patterns of genetic diversity in the polymorphic ground snake (<i>Sonora semiannulata</i>). <i>Genetica</i> , 2014, 142, 361-370.	1.1	9
24	Ectoparasite extinction in simplified lizard assemblages during experimental island invasion. <i>Biology Letters</i> , 2020, 16, 20200474.	2.3	8
25	Ecology drives patterns of spectral transmission in the ocular lenses of frogs and salamanders. <i>Functional Ecology</i> , 2022, 36, 850-864.	3.6	8
26	Tactile stimuli induce deimatic antipredator displays in ringneck snakes. <i>Ethology</i> , 2021, 127, 465-474.	1.1	6
27	Elevation, oxygen, and the origins of viviparity. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2021, 336, 457-469.	1.3	6
28	Evolutionary history and sex are significant drivers of crayfish demography in resource-limited cave ecosystems. <i>Evolutionary Ecology</i> , 2020, 34, 235-255.	1.2	5
29	Relative fitness of decoy coloration is mediated by habitat type. <i>Zoology</i> , 2020, 142, 125820.	1.2	5
30	Phylogeography and lineage-specific patterns of genetic diversity and molecular evolution in a group of North American skinks. <i>Biological Journal of the Linnean Society</i> , 2015, 116, 819-833.	1.6	4
31	Condition dependence of shared traits differs between sympatric <i>Anolis</i> lizards. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 110-118.	1.9	4
32	Acclimatization in the physiological performance of an introduced ectotherm. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	4
33	Genetic mechanisms and correlational selection structure trait variation in a coral snake mimic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210003.	2.6	4
34	Evolutionary and ecological forces underlying ontogenetic loss of decoy coloration. <i>Biological Journal of the Linnean Society</i> , 2019, 128, 138-148.	1.6	3
35	A chromosome-level genome assembly for the eastern fence lizard (<i>Sceloporus undulatus</i>), a reptile model for physiological and evolutionary ecology. <i>GigaScience</i> , 2021, 10, .	6.4	3
36	Thermal ecology and physiology of an elongate and semi-fossorial arthropod, the bark centipede. <i>Journal of Thermal Biology</i> , 2020, 94, 102755.	2.5	2

#	ARTICLE	IF	CITATIONS
37	Spatial and temporal dynamics of exuberant colour polymorphism in the southern cricket frog. <i>Journal of Natural History</i> , 2020, 54, 2249-2264.	0.5	1
38	Predator-based selection and the impact of edge sympatry on components of coral snake mimicry. <i>Evolutionary Ecology</i> , 2022, 36, 135-149.	1.2	1
39	Species-Specific Expression of Growth-Regulatory Genes in 2 Anoles with Divergent Patterns of Sexual Size Dimorphism. <i>Integrative Organismal Biology</i> , 2022, 4, .	1.8	1
40	Social Behavior in <i>Nototriton brodiei</i> in the Cloud Forest of Cusuco National Park, Honduras. <i>South American Journal of Herpetology</i> , 2020, 17, 29.	0.5	0