

Lance D Mcbrayer

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

729
citations

687363

13
h-index

677142

22
g-index

32
all docs

32
docs citations

32
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Bite force in vertebrates: opportunities and caveats for use of a nonpareil whole-animal performance measure. <i>Biological Journal of the Linnean Society</i> , 0, 93, 709-720.	1.6	179
2	Functional basis for sexual differences in bite force in the lizard <i>Anolis carolinensis</i> . <i>Biological Journal of the Linnean Society</i> , 2007, 91, 111-119.	1.6	102
3	The relationship between skull morphology, biting performance and foraging mode in Kalahari lacertid lizards. <i>Zoological Journal of the Linnean Society</i> , 2004, 140, 403-416.	2.3	44
4	The impact of tree modification by African elephant (<i>Loxodonta africana</i>) on herpetofaunal species richness in northern Tanzania. <i>African Journal of Ecology</i> , 2011, 49, 133-140.	0.9	38
5	Thermoregulation in Nocturnal Ectotherms: Seasonal and Intraspecific Variation in the Mediterranean Gecko (<i>Hemidactylus turcicus</i>). <i>Journal of Herpetology</i> , 2006, 40, 185-195.	0.5	35
6	Rock-dwelling lizards exhibit less sensitivity of sprint speed to increases in substrate rugosity. <i>Zoology</i> , 2013, 116, 151-158.	1.2	34
7	How muscles define maximum running performance in lizards: an analysis using swing- and stance-phase muscles. <i>Journal of Experimental Biology</i> , 2011, 214, 1685-1691.	1.7	31
8	Habitat management alters thermal opportunity. <i>Functional Ecology</i> , 2018, 32, 2029-2039.	3.6	30
9	Performance and three-dimensional kinematics of bipedal lizards during obstacle negotiation. <i>Journal of Experimental Biology</i> , 2012, 215, 247-255.	1.7	26
10	Overcoming obstacles: the effect of obstacles on locomotor performance and behaviour. <i>Biological Journal of the Linnean Society</i> , 2012, 107, 813-823.	1.6	25
11	How to climb a tree: lizards accelerate faster, but pause more, when escaping on vertical surfaces. <i>Biological Journal of the Linnean Society</i> , 2011, 102, 83-90.	1.6	21
12	Getting Up to Speed: Acceleration Strategies in the Florida Scrub Lizard, <i>Sceloporus woodi</i> . <i>Physiological and Biochemical Zoology</i> , 2010, 83, 643-653.	1.5	18
13	The effects of multiple obstacles on the locomotor behavior and performance of a terrestrial lizard. <i>Journal of Experimental Biology</i> , 2016, 219, 1004-13.	1.7	17
14	The ontogeny of escape behavior, locomotor performance, and the hind limb in <i>Sceloporus woodi</i> . <i>Zoology</i> , 2013, 116, 175-181.	1.2	14
15	Sequential analyses of foraging behavior and attack speed in ambush and widely foraging lizards. <i>Adaptive Behavior</i> , 2012, 20, 16-31.	1.9	12
16	Resolving tradeoffs among crypsis, escape behavior, and microhabitat use in sexually dichromatic species. <i>Oecologia</i> , 2019, 189, 91-104.	2.0	12
17	The correlation between locomotor performance and hindlimb kinematics during burst locomotion in the Florida scrub lizard, <i>Sceloporus woodi</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 442-453.	1.7	10
18	Mite load predicts the quality of sexual color and locomotor performance in a sexually dichromatic lizard. <i>Ecology and Evolution</i> , 2020, 10, 3152-3163.	1.9	10

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19	Seasonal variation in testosterone and performance in males of a non-territorial lizard species. <i>Physiology and Behavior</i> , 2010, 100, 357-363.	2.1	9
20	Evidence for an Established Population of Tegu Lizards (<i>Salvator merianae</i>) in Southeastern Georgia, USA. <i>Southeastern Naturalist</i> , 2020, 19, .	0.4	9
21	Population Structure of Florida Scrub Lizards (<i>Sceloporus woodi</i>) in an Anthropogenically Fragmented Forest. <i>Herpetologica</i> , 2014, 70, 266-278.	0.4	8
22	Predation and cryptic coloration in a managed landscape. <i>Evolutionary Ecology</i> , 2018, 32, 141-157.	1.2	8
23	Attack-based indices, not movement patterns, reveal intraspecific variation in foraging behavior. <i>Behavioral Ecology</i> , 2011, 22, 993-1002.	2.2	7
24	Spatial and temporal patterns of genetic diversity in a fragmented and transient landscape. <i>Evolutionary Ecology</i> , 2020, 34, 217-233.	1.2	7
25	Concordance between locomotor morphology and foraging mode in lacertid lizards. <i>Zoology</i> , 2009, 112, 370-378.	1.2	6
26	Forelimb position affects facultative bipedal locomotion in lizards. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	5
27	Acclimatization in the physiological performance of an introduced ectotherm. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	4
28	Variation in habitat management alters risk aversion behavior in lizards. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	2
29	Conservation and Management Strategies Create Opportunities for Integrative Organismal Research. <i>Integrative and Comparative Biology</i> , 2020, 60, 509-521.	2.0	2
30	Applied Functional Biology: Linking Ecological Morphology to Conservation and Management. <i>Integrative and Comparative Biology</i> , 2020, 60, 402-412.	2.0	2
31	Escape behaviour varies with distance from safe refuge. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 929-939.	1.6	2