

Anthony Herrel

List of Publications by Year in descending order

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480
papers

16,920
citations

20817

60
h-index

40979

93
g-index

498
all docs

498
docs citations

498
times ranked

8424
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexual dimorphism of head size in <i>Gallotia galloti</i> : testing the niche divergence hypothesis by functional analyses. <i>Functional Ecology</i> , 1999, 13, 289-297.	3.6	390
2	Relationships between head size, bite force, prey handling efficiency and diet in two sympatric lacertid lizards. <i>Functional Ecology</i> , 2002, 16, 842-850.	3.6	249
3	Octopamine in Male Aggression of <i>Drosophila</i> . <i>Current Biology</i> , 2008, 18, 159-167.	3.9	249
4	The implications of bite performance for diet in two species of lacertid lizards. <i>Canadian Journal of Zoology</i> , 2001, 79, 662-670.	1.0	241
5	Performance capacity, fighting tactics and the evolution of life-stage male morphs in the green anole lizard (<i>Anolis carolinensis</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2501-2508.	2.6	226
6	Rapid large-scale evolutionary divergence in morphology and performance associated with exploitation of a different dietary resource. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4792-4795.	7.1	219
7	Head shape and bite performance in xenosaurid lizards. <i>The Journal of Experimental Zoology</i> , 2001, 290, 101-107.	1.4	208
8	The implications of food hardness for diet in bats. <i>Functional Ecology</i> , 2003, 17, 201-212.	3.6	202
9	Bite performance and morphology in a population of Darwin's finches: implications for the evolution of beak shape. <i>Functional Ecology</i> , 2005, 19, 43-48.	3.6	193
10	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
11	Ecomorphological analysis of trophic niche partitioning in a tropical savannah bat community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1271-1278.	2.6	174
12	Evolution of bite performance in turtles. <i>Journal of Evolutionary Biology</i> , 2002, 15, 1083-1094.	1.7	169
13	Two developmental modules establish 3D beak-shape variation in Darwin's finches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4057-4062.	7.1	167
14	Ontogeny of Performance in Vertebrates. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 1-6.	1.5	165
15	The effects of gape angle and bite point on bite force in bats. <i>Journal of Experimental Biology</i> , 2003, 206, 2117-2123.	1.7	162
16	Functional Evolution of the Feeding System in Rodents. <i>PLoS ONE</i> , 2012, 7, e36299.	2.5	146
17	Getting a grip on tetrapod grasping: form, function, and evolution. <i>Biological Reviews</i> , 2013, 88, 380-405.	10.4	143
18	Evolution of bite force in Darwin's finches: a key role for head width. <i>Journal of Evolutionary Biology</i> , 2005, 18, 669-675.	1.7	134

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19	Morphological and mechanical determinants of bite force in bats: do muscles matter?. <i>Journal of Experimental Biology</i> , 2008, 211, 86-91.	1.7	131
20	Ontogenetic Scaling of Bite Force in Lizards and Turtles. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 31-42.	1.5	130
21	Omnivory in lacertid lizards: adaptive evolution or constraint?. <i>Journal of Evolutionary Biology</i> , 2004, 17, 974-984.	1.7	128
22	Force-velocity tradeoff in Darwin's finch jaw function: a biomechanical basis for ecological speciation?. <i>Functional Ecology</i> , 2009, 23, 119-125.	3.6	123
23	A comparison of habitat use, morphology, clinging performance and escape behaviour among two divergent green anole lizard (<i>Anolis carolinensis</i>) populations. <i>Biological Journal of the Linnean Society</i> , 2005, 85, 223-234.	1.6	111
24	Ecomorphological diversification in squamates from conserved pattern of cranial integration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14688-14697.	7.1	111
25	Does dewlap size predict male bite performance in Jamaican <i>Anolis</i> lizards?. <i>Functional Ecology</i> , 2005, 19, 38-42.	3.6	109
26	Hurricane-induced selection on the morphology of an island lizard. <i>Nature</i> , 2018, 560, 88-91.	27.8	108
27	LOCOMOTOR COMPENSATION CREATES A MISMATCH BETWEEN LABORATORY AND FIELD ESTIMATES OF ESCAPE SPEED IN LIZARDS: A CAUTIONARY TALE FOR PERFORMANCE-TO-FITNESS STUDIES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1579-1587.	2.3	107
28	LIZARD LOCOMOTION: HOW MORPHOLOGY MEETS ECOLOGY. <i>Animal Biology</i> , 2000, 50, 261-277.	0.4	107
29	Ecological consequences of ontogenetic changes in head shape and bite performance in the Jamaican lizard <i>Anolis flineatopus</i> . <i>Biological Journal of the Linnean Society</i> , 2006, 89, 443-454.	1.6	102
30	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
31	Sexual dimorphism in head shape and diet in the cottonmouth snake (<i>Agkistrodon piscivorus</i>). <i>Journal of Zoology</i> , 2004, 264, 53-59.	1.7	101
32	Spatio-temporal gait characteristics of level and vertical locomotion in a ground-dwelling and a climbing gecko. <i>Journal of Experimental Biology</i> , 2001, 204, 1233-1246.	1.7	99
33	Relations between microhabitat use and limb shape in phrynosomatid lizards. <i>Biological Journal of the Linnean Society</i> , 2002, 77, 149-163.	1.6	98
34	The Evolution of Jumping Performance in Caribbean <i>Anolis</i> Lizards: Solutions to Biomechanical Tradeoffs. <i>American Naturalist</i> , 2004, 163, 844-856.	2.1	98
35	Disruptive selection in a bimodal population of Darwin's finches. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 753-759.	2.6	98
36	Correlations between lizard cranial shape and diet: a quantitative, phylogenetically informed analysis. <i>Biological Journal of the Linnean Society</i> , 2005, 86, 433-466.	1.6	96

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37	How important are skeletal muscle mechanics in setting limits on jumping performance?. Journal of Experimental Biology, 2007, 210, 923-933.	1.7	94
38	The ecological origins of snakes as revealed by skull evolution. Nature Communications, 2018, 9, 376.	12.8	94
39	Morphology, performance, behavior and ecology of three color morphs in males of the lizard <i>Podarcis melisellensis</i> . Integrative and Comparative Biology, 2007, 47, 211-220.	2.0	92
40	A functional approach to sexual selection. Functional Ecology, 2007, 21, 621-626.	3.6	91
41	Morphology and morphometrics of the appendicular musculature in geckoes with different locomotor habits (Lepidosauria). Zoomorphology, 1999, 119, 9-22.	0.8	89
42	Environmental constraints drive the partitioning of the soundscape in fishes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6092-6097.	7.1	88
43	The interplay between claw morphology and microhabitat use in neotropical iguanian lizards. Zoology, 2009, 112, 379-392.	1.2	84
44	A biomechanical analysis of intra- and interspecific scaling of jumping and morphology in Caribbean Anolis lizards. Journal of Experimental Biology, 2003, 206, 2641-2652.	1.7	83
45	The evolution of cranial design and performance in squamates: Consequences of skull-bone reduction on feeding behavior. Integrative and Comparative Biology, 2007, 47, 107-117.	2.0	81
46	Sexual Dimorphism of Head Size in <i>Podarcis Hispanica Atrata</i> : Testing the Dietary Divergence Hypothesis By Bite Force Analysis. Animal Biology, 1995, 46, 253-262.	0.4	79
47	Modulation of intra-oral processing in mammals and lepidosaurs. Integrative and Comparative Biology, 2007, 47, 118-136.	2.0	79
48	Pelvic and thigh musculature in frogs (Anura) and origin of anuran jumping locomotion. Journal of Anatomy, 2009, 214, 100-139.	1.5	78
49	Amber fossils demonstrate deep-time stability of Caribbean lizard communities. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9961-9966.	7.1	75
50	Intraspecific correlations among morphology, performance and habitat use within a green anole lizard (<i>Anolis carolinensis</i>) population. Biological Journal of the Linnean Society, 2005, 85, 211-221.	1.6	74
51	Effects of substrate structure on speed and acceleration capacity in climbing geckos. Biological Journal of the Linnean Society, 2005, 85, 385-393.	1.6	73
52	Fight versus flight: physiological basis for temperature-dependent behavioral shifts in lizards. Journal of Experimental Biology, 2007, 210, 1762-1767.	1.7	73
53	Functional and ecological correlates of ecologically-based dimorphisms in squamate reptiles. Integrative and Comparative Biology, 2007, 47, 172-188.	2.0	73
54	It is all in the head: morphological basis for differences in bite force among colour morphs of the Dalmatian wall lizard. Biological Journal of the Linnean Society, 0, 96, 13-22.	1.6	73

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55	Darwin's finches and their diet niches: the sympatric coexistence of imperfect generalists. <i>Journal of Evolutionary Biology</i> , 2014, 27, 1093-1104.	1.7	73
56	Static biting in lizards: functional morphology of the temporal ligaments. <i>Journal of Zoology</i> , 1998, 244, 135-143.	1.7	71
57	THE QUICK AND THE FAST: THE EVOLUTION OF ACCELERATION CAPACITY IN ANOLIS LIZARDS. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 2137-2147.	2.3	69
58	Relationships between hormones, physiological performance and immunocompetence in a color-polymorphic lizard species, <i>Podarcis melisellensis</i> . <i>Hormones and Behavior</i> , 2009, 55, 488-494.	2.1	69
59	Scaling and shear transformations capture beak shape variation in Darwin's finches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3356-3360.	7.1	69
60	Spatio-temporal gait characteristics of level and vertical locomotion in a ground-dwelling and a climbing gecko. <i>Journal of Experimental Biology</i> , 2001, 204, 1233-46.	1.7	68
61	The importance of accurate muscle modelling for biomechanical analyses: a case study with a lizard skull. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130216.	3.4	66
62	Ecomorphology of the Lizard Feeding Apparatus: a Modelling Approach. <i>Animal Biology</i> , 1997, 48, 1-25.	0.4	65
63	Biting Performance in Teeth-Digging African Mole-Rats (<i>Fukomys</i> , Bathyergidae, Rodentia). <i>Physiological and Biochemical Zoology</i> , 2009, 82, 40-50.	1.5	65
64	Morphology and function of the forelimb in arboreal frogs: specializations for grasping ability?. <i>Journal of Anatomy</i> , 2008, 213, 296-307.	1.5	64
65	Built to bite: cranial design and function in the wrinkle-faced bat. <i>Journal of Zoology</i> , 2009, 279, 329-337.	1.7	63
66	Mechanical stress, fracture risk and beak evolution in Darwin's ground finches (<i>Geospiza</i>). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1093-1098.	4.0	63
67	Head shape evolution in Gymnophthalmidae: does habitat use constrain the evolution of cranial design in fossorial lizards?. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2423-2433.	1.7	61
68	Cranial Kinesis in Geckoes: Functional Implications. <i>Journal of Experimental Biology</i> , 2000, 203, 1415-1423.	1.7	61
69	Modulatory complexity of the feeding repertoire in scincid lizards. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1999, 184, 501-518.	1.6	60
70	Sex-specific evolution of bite performance in <i>Liolaemus</i> lizards (Iguania: Liolaemidae): the battle of the sexes. <i>Biological Journal of the Linnean Society</i> , 0, 101, 461-475.	1.6	60
71	Substrate Diameter and Orientation in the Context of Food Type in the Gray Mouse Lemur, <i>Microcebus murinus</i> : Implications for the Origins of Grasping in Primates. <i>International Journal of Primatology</i> , 2015, 36, 583-604.	1.9	60
72	Morphology of the feeding system in agamid lizards: Ecological correlates. , 1999, 254, 496-507.		59

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73	Effects of loading and size on maximum power output and gait characteristics in geckos. <i>Journal of Experimental Biology</i> , 2003, 206, 3923-3934.	1.7	59
74	Are ontogenetic shifts in diet linked to shifts in feeding mechanics? Scaling of the feeding apparatus in the banded watersnake <i>Nerodia fasciata</i> . <i>Journal of Experimental Biology</i> , 2007, 210, 2057-2069.	1.7	59
75	The Mechanics of Prey Prehension in Chameleons. <i>Journal of Experimental Biology</i> , 2000, 203, 3255-3263.	1.7	59
76	Morphological Analysis of Long Bones in Semi-aquatic Mustelids and their Terrestrial Relatives. <i>Integrative and Comparative Biology</i> , 2016, 56, 1298-1309.	2.0	58
77	Cranial morphology and bite force in Chamaeleon lizards – Adaptations to molluscivory?. <i>Zoology</i> , 2008, 111, 467-475.	1.2	57
78	The relationship between dewlap size and performance changes with age and sex in a Green Anole (<i>Anolis carolinensis</i>) lizard population. <i>Behavioral Ecology and Sociobiology</i> , 2005, 59, 157-165.	1.4	56
79	Sleep in amphibians and reptiles: a review and a preliminary analysis of evolutionary patterns. <i>Biological Reviews</i> , 2016, 91, 833-866.	10.4	56
80	Stick or grip? Co-evolution of adhesive toepads and claws in <i>Anolis</i> lizards. <i>Zoology</i> , 2014, 117, 363-369.	1.2	55
81	Does shape covary between the skull and the mandible have functional consequences? A 3D approach for a 3D problem. <i>Journal of Anatomy</i> , 2013, 223, 329-336.	1.5	54
82	Phenotypic plasticity of <i>Drosophila suzukii</i> wing to developmental temperature: implications for flight. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	54
83	Hydrodynamic modelling of aquatic suction performance and intra-oral pressures: limitations for comparative studies. <i>Journal of the Royal Society Interface</i> , 2006, 3, 507-514.	3.4	53
84	Insularity affects head morphology, bite force and diet in a Mediterranean lizard. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 469-484.	1.6	53
85	EthoLoop: automated closed-loop neuroethology in naturalistic environments. <i>Nature Methods</i> , 2020, 17, 1052-1059.	19.0	53
86	Functional and ecological relevance of intraspecific variation in body size and shape in the lizard <i>Podarcis melisellensis</i> (Lacertidae). <i>Biological Journal of the Linnean Society</i> , 2009, 94, 251-264.	1.6	52
87	Anatomical Basis of Differences in Locomotor Behavior in <i>Anolis</i> Lizards: A Comparison Between Two Ecomorphs. <i>Bulletin of the Museum of Comparative Zoology</i> , 2008, 159, 213-238.	1.7	52
88	What determines dewlap diversity in <i>Anolis</i> lizards? An among-island comparison. <i>Journal of Evolutionary Biology</i> , 2009, 22, 293-305.	1.7	52
89	Feed or fight: testing the impact of food availability and intraspecific aggression on the functional ecology of an island lizard. <i>Functional Ecology</i> , 2016, 30, 566-575.	3.6	52
90	Molecular evidence for the paraphyly of Scolecophidia and its evolutionary implications. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1782-1793.	1.7	52

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91	Morphological integration and adaptation in the snake feeding system: a comparative phylogenetic study. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1545-1554.	1.7	51
92	Sound Production in the Clownfish <i>Amphiprion clarkii</i> . <i>Science</i> , 2007, 316, 1006-1006.	12.6	51
93	Kinematics of Feeding in the Lizard <i>Agama Stellio</i> . <i>Journal of Experimental Biology</i> , 1996, 199, 1727-1742.	1.7	51
94	Bite performance in clariid fishes with hypertrophied jaw adductors as deduced by bite modeling. <i>Journal of Morphology</i> , 2002, 253, 196-205.	1.2	50
95	Ontogeny of intersexual head shape and prey selection in the pitviper <i>Agkistrodon piscivorus</i> . <i>Biological Journal of the Linnean Society</i> , 2004, 81, 151-159.	1.6	50
96	Head shape evolution in Tropidurinae lizards: does locomotion constrain diet?. <i>Journal of Evolutionary Biology</i> , 2008, 21, 781-790.	1.7	50
97	Chewing variation in lepidosaurs and primates. <i>Journal of Experimental Biology</i> , 2010, 213, 572-584.	1.7	50
98	Partial homologies between sleep states in lizards, mammals, and birds suggest a complex evolution of sleep states in amniotes. <i>PLoS Biology</i> , 2018, 16, e2005982.	5.6	50
99	Cranial kinesis in gekkonid lizards. <i>Journal of Experimental Biology</i> , 1999, 202, 3687-3698.	1.7	50
100	A test of mouth-opening and hyoid-depression mechanisms during prey capture in a catfish using high-speed cineradiography. <i>Journal of Experimental Biology</i> , 2005, 208, 4627-4639.	1.7	49
101	Extraordinary grip strength and specialized myology in the hyperderived hand of <i>Perodicticus potto</i> ?. <i>Journal of Anatomy</i> , 2019, 235, 931-939.	1.5	49
102	Divergent roles for multiple sexual signals in a polygynous lizard. <i>Functional Ecology</i> , 2006, 20, 709-716.	3.6	48
103	The functional meaning of "prey size" in water snakes (<i>Nerodia fasciata</i> , Colubridae). <i>Oecologia</i> , 2006, 147, 204-211.	2.0	48
104	Is Beak Morphology in Darwin's Finches Tuned to Loading Demands?. <i>PLoS ONE</i> , 2015, 10, e0129479.	2.5	48
105	Correlations between habitat use and body shape in a phrynosomatid lizard (<i>Urosaurus ornatus</i>): a population-level analysis. <i>Biological Journal of the Linnean Society</i> , 2001, 74, 305-314.	1.6	48
106	Prey capture in the lizard <i>Agama stellio</i> . <i>Journal of Morphology</i> , 1995, 224, 313-329.	1.2	47
107	Scaling of suction-feeding kinematics and dynamics in the African catfish, <i>Clarias gariepinus</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 2103-2114.	1.7	47
108	Morphological convergence as a consequence of extreme functional demands: examples from the feeding system of natricine snakes. <i>Journal of Evolutionary Biology</i> , 2008, 21, 1438-1448.	1.7	47

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109	Rotational feeding in caecilians: putting a spin on the evolution of cranial design. <i>Biology Letters</i> , 2006, 2, 485-487.	2.3	46
110	Whole-organism studies of adhesion in pad-bearing lizards: creative evolutionary solutions to functional problems. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2006, 192, 1169-1177.	1.6	46
111	Convergence in trophic morphology and feeding performance among piscivorous natricine snakes. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1203-1211.	1.7	46
112	EXPLORING POSSIBLE HUMAN INFLUENCES ON THE EVOLUTION OF DARWIN'S FINCHES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2258-2272.	2.3	46
113	Slow but tenacious: an analysis of running and gripping performance in chameleons.. <i>Journal of Experimental Biology</i> , 2013, 216, 1025-30.	1.7	46
114	Linear versus geometric morphometric approaches for the analysis of head shape dimorphism in lizards. <i>Journal of Morphology</i> , 2014, 275, 1016-1026.	1.2	46
115	Kinematics of intraoral transport and swallowing in the herbivorous lizard <i>Uromastix acanthinurus</i> . <i>Journal of Experimental Biology</i> , 1999, 202, 1127-1137.	1.7	46
116	Cranial kinesis in geckoes: functional implications. <i>Journal of Experimental Biology</i> , 2000, 203, 1415-23.	1.7	46
117	Suction is kid's play: extremely fast suction in newborn seahorses. <i>Biology Letters</i> , 2009, 5, 200-203.	2.3	45
118	Is the whole more than the sum of its parts? Evolutionary trade-offs between burst and sustained locomotion in lacertid lizards. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132677.	2.6	45
119	Out on a limb: the differential effect of substrate diameter on acceleration capacity in <i>Anolis</i> lizards. <i>Journal of Experimental Biology</i> , 2006, 209, 4515-4523.	1.7	44
120	Are morphology-performance relationships invariant across different seasons? A test with the green anole lizard (<i>Anolis carolinensis</i>). <i>Oikos</i> , 2006, 114, 49-59.	2.7	43
121	Hurricane effects on Neotropical lizards span geographic and phylogenetic scales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10429-10434.	7.1	43
122	A functional morphological approach to the scaling of the feeding system in the African catfish, <i>Clarias gariepinus</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 2091-2102.	1.7	42
123	Sexual dimorphism, body size, bite force and male mating success in tuatara. <i>Biological Journal of the Linnean Society</i> , 2010, 100, 287-292.	1.6	42
124	Isotopic and anatomical evidence of an herbivorous diet in the Early Tertiary giant bird <i>Gastornis</i> . Implications for the structure of Paleocene terrestrial ecosystems. <i>Die Naturwissenschaften</i> , 2014, 101, 313-322.	1.6	42
125	The impact of diet, habitat use, and behaviour on head shape evolution in homalopsid snakes. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 634-647.	1.6	42
126	Tongue flicking in agamid lizards: Morphology, kinematics, and muscle activity patterns. <i>The Anatomical Record</i> , 1998, 252, 102-116.	1.8	41

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127	Scaling of contractile properties of catfish feeding muscles. <i>Journal of Experimental Biology</i> , 2007, 210, 1183-1193.	1.7	41
128	Ecomorphology of Anolis lizards of the Chocó region in Colombia and comparisons with Greater Antillean ecomorphs. <i>Biological Journal of the Linnean Society</i> , 2007, 92, 29-39.	1.6	41
129	Is Extreme Bite Performance Associated with Extreme Morphologies in Sharks?. <i>Physiological and Biochemical Zoology</i> , 2009, 82, 20-28.	1.5	40
130	Choose Your Weapon: Defensive Behavior Is Associated with Morphology and Performance in Scorpions. <i>PLoS ONE</i> , 2013, 8, e78955.	2.5	40
131	Interactions between habitat use, behavior, and the trophic niche of lacertid lizards. , 0, , 427-449.		40
132	No trade-off between biting and suction feeding performance in clariid catfishes. <i>Journal of Experimental Biology</i> , 2007, 210, 27-36.	1.7	39
133	Burrowing and subsurface locomotion in anguilliform fish: behavioral specializations and mechanical constraints. <i>Journal of Experimental Biology</i> , 2011, 214, 1379-1385.	1.7	39
134	The effect of substrate diameter and incline on locomotion in an arboreal frog. <i>Journal of Experimental Biology</i> , 2013, 216, 3599-3605.	1.7	39
135	Food acquisition on arboreal substrates by the grey mouse lemur: implication for primate grasping evolution. <i>Journal of Zoology</i> , 2013, 291, 235-242.	1.7	39
136	Impacts of Climate Change on the Global Invasion Potential of the African Clawed Frog <i>Xenopus laevis</i> . <i>PLoS ONE</i> , 2016, 11, e0154869.	2.5	39
137	The mechanics of prey prehension in chameleons. <i>Journal of Experimental Biology</i> , 2000, 203, 3255-63.	1.7	39
138	Frugivory in polychrotid lizards: effects of body size. <i>Oecologia</i> , 2004, 140, 160-168.	2.0	38
139	Prey capture kinematics of ant-eating lizards. <i>Journal of Experimental Biology</i> , 2005, 208, 113-127.	1.7	38
140	The Tendinous Patterns in the Palmar Surface of the Lizard Manus: Functional Consequences for Grasping Ability. <i>Anatomical Record</i> , 2009, 292, 842-853.	1.4	38
141	Vertebral microanatomy in squamates: structure, growth and ecological correlates. <i>Journal of Anatomy</i> , 2010, 217, 715-727.	1.5	38
142	Scaling of Suction Feeding Performance in the Catfish <i>Clarias gariepinus</i> . <i>Physiological and Biochemical Zoology</i> , 2006, 79, 43-56.	1.5	37
143	Fast and furious: effects of body size on strike performance in an arboreal viper <i>Trimeresurus</i> (<i>Cryptelytrops</i>) <i>albolabris</i> . <i>Journal of Experimental Zoology</i> , 2011, 315A, 22-29.	1.2	37
144	Does aquatic foraging impact head shape evolution in snakes?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161645.	2.6	37

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145	A catfish that can strike its prey on land. <i>Nature</i> , 2006, 440, 881-881.	27.8	36
146	Comparison of chela size and pincer force in scorpions; getting a first grip. <i>Journal of Zoology</i> , 2010, 280, 319-325.	1.7	36
147	Shake Rattle and Roll: The Bony Labyrinth and Aerial Descent in Squamates. <i>Integrative and Comparative Biology</i> , 2011, 51, 957-968.	2.0	36
148	Intersexual differences in body shape and locomotor performance in the aquatic frog, <i>Xenopus tropicalis</i> . <i>Journal of Zoology</i> , 2012, 287, 311-316.	1.7	36
149	Masticatory biomechanics in the rabbit: a multi-body dynamics analysis. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140564.	3.4	36
150	3D Photogrammetry of Bat Skulls: Perspectives for Macro-evolutionary Analyses. <i>Evolutionary Biology</i> , 2019, 46, 249-259.	1.1	36
151	Are invasive populations characterized by a broader diet than native populations?. <i>PeerJ</i> , 2017, 5, e3250.	2.0	36
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454	3D models related to the publication: The morphology and evolution of chondrichthyan cranial muscles: a digital dissection of the elephantfish <i>Callorhinchus milii</i> and the catshark <i>Scyliorhinus canicula</i> . <i>MorphoMuseum</i> , 2021, 7, e133.	0.2	3
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