

Anthony Herrel

List of Publications by Year in descending order

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Version: 2024-02-01

477
papers

16,920
citations

20759

60
h-index

40881

93
g-index

498
all docs

498
docs citations

498
times ranked

8424
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional correlates of skull shape in Chiroptera: feeding and echolocation adaptations. <i>Integrative Zoology</i> , 2022, 17, 430-442.	1.3	19
2	The ecology of sleep in non-avian reptiles. <i>Biological Reviews</i> , 2022, 97, 505-526.	4.7	10
3	Relationships between dietary breadth and flexibility in jaw movement: A case study of two recently diverged insular populations of <i>Podarcis</i> lizards. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 265, 1111-1140.	0.8	2
4	The relationship between head shape, head musculature and bite force in caecilians (Amphibia: Gymnophiona). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2022, 338, 575-585.	0.8	5
5	Do male panther chameleons use different aspects of color change to settle disputes?. <i>Die Naturwissenschaften</i> , 2022, 109, 13.	0.6	4
6	Body condition and jumping predict initial survival in a replicated island introduction experiment. <i>Biological Journal of the Linnean Society</i> , 2022, 135, 490-498.	0.7	3
7	Development and function explain the modular evolution of phalanges in gecko lizards. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212300.	1.2	5
8	Machine learning accurately predicts the multivariate performance phenotype from morphology in lizards. <i>PLoS ONE</i> , 2022, 17, e0261613.	1.1	3
9	The effect of captivity on craniomandibular and calcaneal ontogenetic trajectories in wild boar. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2022, 338, 575-585.	0.6	4
10	The Terrific Skink bite force suggests insularity as a likely driver to exceptional resource use. <i>Scientific Reports</i> , 2022, 12, 4596.	1.6	2
11	Regional differences in vertebral shape along the axial skeleton in caecilians (Amphibia: Gymnophiona). <i>Journal of Anatomy</i> , 2022, , .	0.9	3
12	Unravelling the structural variation of lizard osteoderms. <i>Acta Biomaterialia</i> , 2022, 146, 306-316.	4.1	6
13	Unexpected morphological diversity in ancient dogs compared to modern relatives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220147.	1.2	5
14	Evidence of attack deflection suggests adaptive evolution of wing tails in butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	6
15	Every hooked beak is maintained by a prey: Ecological signal in cephalopod beak shape. <i>Functional Ecology</i> , 2022, 36, 2015-2028.	1.7	6
16	Is vertebral shape variability in caecilians (Amphibia: Gymnophiona) constrained by forces experienced during burrowing?. <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	2
17	Bite force in the strictly subterranean rodent family of African mole-rats (Bathyergidae): The role of digging mode, social organization and ecology. <i>Functional Ecology</i> , 2022, 36, 2344-2355.	1.7	5
18	Tooth-shape adaptations in aglyphous colubrid snakes inferred from three-dimensional geometric morphometrics and finite element analysis. <i>Zoological Journal of the Linnean Society</i> , 2021, 191, 454-467.	1.0	9

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19	How Changes in Functional Demands Associated with Captivity Affect the Skull Shape of a Wild Boar (<i>Sus scrofa</i>). <i>Evolutionary Biology</i> , 2021, 48, 27-40.	0.5	16
20	Body size miniaturization in a lineage of colubrid snakes: Implications for cranial anatomy. <i>Journal of Anatomy</i> , 2021, 238, 131-145.	0.9	3
21	Population increase and changes in behavior and morphology in the Critically Endangered Redonda ground lizard (<i>Pholidoscelis atratus</i>) following the successful removal of alien rats and goats. <i>Integrative Zoology</i> , 2021, 16, 379-389.	1.3	14
22	Ecophysiological models for global invaders: Is Europe a big playground for the African clawed frog?. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 158-172.	0.9	5
23	Assessing occupancy and activity of two invasive carnivores in two Caribbean islands: implications for insular ecosystems. <i>Journal of Zoology</i> , 2021, 313, 182-194.	0.8	8
24	Movement analysis of primate molar teeth under load using synchrotron X-ray microtomography. <i>Journal of Structural Biology</i> , 2021, 213, 107658.	1.3	7
25	The morphology and evolution of chondrichthyan cranial muscles: A digital dissection of the elephantfish <i>Callorhynchus milii</i> and the catshark <i>Scyliorhinus canicula</i> . <i>Journal of Anatomy</i> , 2021, 238, 1082-1105.	0.9	9
26	3D models related to the publication: The morphology and evolution of chondrichthyan cranial muscles: a digital dissection of the elephantfish <i>Callorhynchus milii</i> and the catshark <i>Scyliorhinus canicula</i> . <i>MorphoMuseuM</i> , 2021, 7, e133.	0.1	3
27	Increased performance in juvenile baboons is consistent with ontogenetic changes in morphology. <i>American Journal of Physical Anthropology</i> , 2021, 175, 546-558.	2.1	5
28	Masticatory system integration in a commensal canid: interrelationships between bones, muscles and bite force in the red fox. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	7
29	Comparative cranial biomechanics in two lizard species: impact of variation in cranial design. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	14
30	Constraints associated with captivity alter craniomandibular integration in wild boar. <i>Journal of Anatomy</i> , 2021, 239, 489-497.	0.9	7
31	Transcriptomic analysis of the trade-off between endurance and burst-performance in the frog <i>Xenopus aliofraseri</i> . <i>BMC Genomics</i> , 2021, 22, 204.	1.2	1
32	Revision of the muscular anatomy of the paired fins of the living coelacanth <i>Latimeria chalumnae</i> (<i>Sarcopterygii</i> : <i>Actinistia</i>). <i>Biological Journal of the Linnean Society</i> , 2021, 133, 949-989.	0.7	2
33	Exploring the behavioral reactions to a mirror in the nocturnal grey mouse lemur: sex differences in avoidance. <i>PeerJ</i> , 2021, 9, e11393.	0.9	1
34	The contribution of functional traits to the understanding of palaeoenvironmental changes. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 1110-1125.	0.7	1
35	Underwater photogrammetry for close-range 3D imaging of dry-sensitive objects: The case study of cephalopod beaks. <i>Ecology and Evolution</i> , 2021, 11, 7730-7742.	0.8	2
36	Regional Patterning in Tail Vertebral Form and Function in Chameleons (<i>Chamaeleo</i>)	0.9	10

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37	An aerodynamic perspective on hurricane-induced selection on <i>Anolis</i> lizards. <i>Functional Ecology</i> , 2021, 35, 2026-2032.	1.7	7
38	The relationship between bite force, morphology, and diet in southern African agamids. <i>Bmc Ecology and Evolution</i> , 2021, 21, 126.	0.7	1
39	Drivers and patterns of bite force evolution in liolaemid lizards. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 126-140.	0.7	6
40	Burrowing in blindsnakes: A preliminary analysis of burrowing forces and consequences for the evolution of morphology. <i>Anatomical Record</i> , 2021, 304, 2292-2302.	0.8	11
41	THE ANOLES OF LA SELVA: NICHE PARTITIONING AND ECOLOGICAL MORPHOLOGY IN A MAINLAND COMMUNITY OF ANOLIS LIZARDS. <i>Breviora</i> , 2021, 570, .	0.2	1
42	Maternal and genetic correlations between morphology and physical performance traits in a small captive primate, <i>Microcebus murinus</i> . <i>Biological Journal of the Linnean Society</i> , 2021, 134, 28-39.	0.7	6
43	Conserved role of the urotensin II receptor 4 signalling pathway to control body straightness in a tetrapod. <i>Open Biology</i> , 2021, 11, 210065.	1.5	9
44	From micro to macroevolution: drivers of shape variation in an island radiation of <i>Podarcis</i> lizards*. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2685-2707.	1.1	8
45	Humans and climate as possible drivers of the morphology and function of the mandible of <i>Suncus etruscus</i> in Corsica. <i>Journal of Archaeological Science</i> , 2021, 132, 105434.	1.2	1
46	The Evolution of Appendicular Muscles During the Fin-to-Limb Transition: Possible Insights Through Studies of Soft Tissues, a Perspective. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4
47	Under pressure: the relationship between cranial shape and burrowing force in caecilians (<i>Gymnophiona</i>). <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	7
48	Lizard osteoderms – Morphological characterisation, biomimetic design and manufacturing based on three species. <i>Bioinspiration and Biomimetics</i> , 2021, 16, 066011.	1.5	6
49	Development and growth of the pelvic fin in the extant coelacanth <i>Latimeria chalumnae</i> . <i>Anatomical Record</i> , 2021, 304, 541-558.	0.8	4
50	Does the spatial sorting of dispersal traits affect the phenotype of the non-dispersing stages of the invasive frog <i>Xenopus laevis</i> through coupling?. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 257-269.	0.7	6
51	When adaptive radiations collide: Different evolutionary trajectories between and within island and mainland lizard clades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	13
52	Contribution of bone-reverberated waves to sound localization of dolphins: A numerical model. <i>Acta Acustica</i> , 2021, 5, 3.	0.4	2
53	Development and growth of the pectoral girdle and fin skeleton in the extant coelacanth <i>Latimeria chalumnae</i> . <i>Journal of Anatomy</i> , 2020, 236, 493-509.	0.9	10
54	The Forearm Musculature of the Gray Mouse Lemur (<i>Microcebus murinus</i>): An Ontogenetic Study. <i>Anatomical Record</i> , 2020, 303, 1354-1363.	0.8	9

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55	The Ontogeny of Masticatory Muscle Architecture in <i>Microcebus murinus</i> . <i>Anatomical Record</i> , 2020, 303, 1364-1373.	0.8	16
56	A primate with a Panda's thumb: The anatomy of the pseudthumb of <i>Daubentonia madagascariensis</i> . <i>American Journal of Physical Anthropology</i> , 2020, 171, 8-16.	2.1	8
57	Is variation in tail vertebral morphology linked to habitat use in chameleons?. <i>Journal of Morphology</i> , 2020, 281, 229-239.	0.6	11
58	The globally invasive small Indian mongoose <i>Urva auropunctata</i> is likely to spread with climate change. <i>Scientific Reports</i> , 2020, 10, 7461.	1.6	24
59	Reconstructing the functional traits of the horses from the tomb of King Childeric. <i>Journal of Archaeological Science</i> , 2020, 121, 105200.	1.2	3
60	Proximate and ultimate drivers of variation in bite force in the insular lizards <i>Podarcis melisellensis</i> and <i>Podarcis sicula</i> . <i>Biological Journal of the Linnean Society</i> , 2020, 131, 88-108.	0.7	10
61	Do female frogs have higher resting metabolic rates than males? A case study with <i>Xenopus allofraseri</i> . <i>Journal of Zoology</i> , 2020, 312, 221-226.	0.8	7
62	The mark of captivity: plastic responses in the ankle bone of a wild ungulate (<i>Sus scrofa</i>). <i>Royal Society Open Science</i> , 2020, 7, 192039.	1.1	30
63	Do muscle contractile properties drive differences in locomotor performance in invasive populations of <i>Xenopus laevis</i> in France?. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 771-778.	0.7	6
64	Interrelations Between the Cranium, the Mandible and Muscle Architecture in Modern Domestic Dogs. <i>Evolutionary Biology</i> , 2020, 47, 308-324.	0.5	7
65	The colour of success: does female mate choice rely on male colour change in the chameleon <i>Furcifer pardalis</i> ?. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	9
66	Exploring the functional meaning of head shape disparity in aquatic snakes. <i>Ecology and Evolution</i> , 2020, 10, 6993-7005.	0.8	12
67	Investigating the impact of captivity and domestication on limb bone cortical morphology: an experimental approach using a wild boar model. <i>Scientific Reports</i> , 2020, 10, 19070.	1.6	27
68	Rapid Dietary Shift in <i>Podarcis siculus</i> Resulted in Localized Changes in Gut Function. <i>Physiological and Biochemical Zoology</i> , 2020, 93, 396-415.	0.6	14
69	Trade-offs between burrowing and biting force in fossorial scincid lizards?. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 310-319.	0.7	14
70	How Does Masticatory Muscle Architecture Covary with Mandibular Shape in Domestic Dogs?. <i>Evolutionary Biology</i> , 2020, 47, 133-151.	0.5	14
71	Ontogeny of locomotion in mouse lemurs: Implications for primate evolution. <i>Journal of Human Evolution</i> , 2020, 142, 102732.	1.3	8
72	Recent biological invasion shapes species recognition and aggressive behaviour in a native species: A behavioural experiment using robots in the field. <i>Journal of Animal Ecology</i> , 2020, 89, 1604-1614.	1.3	5

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73	Morphology, locomotor performance and habitat use in southern African agamids. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 166-177.	0.7	10
74	Bite force and its relation to jaw shape in domestic dogs. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	17
75	Epigenetics in ecology and evolution. <i>Functional Ecology</i> , 2020, 34, 381-384.	1.7	20
76	The Soft-Tissue Anatomy of the Highly Derived Hand of <i>Perodicticus</i> Relative to the More Generalised <i>Nycticebus</i> . , 2020, , 76-96.		4
77	The only complete articulated early Miocene chameleon skull (Rusinga Island, Kenya) suggests an African origin for Madagascar's endemic chameleons. <i>Scientific Reports</i> , 2020, 10, 109.	1.6	12
78	New Insights into Bite Performance: Morphological Trade-Offs Underlying the Duration and Magnitude of Bite Force. <i>Physiological and Biochemical Zoology</i> , 2020, 93, 175-184.	0.6	10
79	Rapid Shifts in the Temperature Dependence of Locomotor Performance in an Invasive Frog, <i>Xenopus laevis</i> , Implications for Conservation. <i>Integrative and Comparative Biology</i> , 2020, 60, 456-466.	0.9	17
80	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.	3.3	43
81	Rapid and repeated divergence of animal chemical signals in an island introduction experiment. <i>Journal of Animal Ecology</i> , 2020, 89, 1458-1467.	1.3	12
82	EthoLoop: automated closed-loop neuroethology in naturalistic environments. <i>Nature Methods</i> , 2020, 17, 1052-1059.	9.0	53
83	Additions to the phylogeny of colubrine snakes in Southwestern Asia, with description of a new genus and species (Serpentes: Colubridae: Colubrinae). <i>PeerJ</i> , 2020, 8, e9016.	0.9	5
84	Strategies of food detection in a captive cathemeral lemur, <i>Eulemur rubriventer</i> . <i>Belgian Journal of Zoology</i> , 2020, 145, .	0.5	2
85	Anatomical reorganization within the hand and forelimb of <i>Perodicticus potto</i> . <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
86	Habitat shapes the thermoregulation of Mediterranean lizards introduced to replicate experimental islets. <i>Journal of Thermal Biology</i> , 2019, 84, 368-374.	1.1	9
87	Allocation trade-offs impact organ size and muscle architecture in an invasive population of <i>Xenopus laevis</i> in Western France. <i>Journal of Anatomy</i> , 2019, 235, 1057-1064.	0.9	6
88	Extraordinary grip strength and specialized myology in the hyper-derived hand of <i>Perodicticus potto</i> ?. <i>Journal of Anatomy</i> , 2019, 235, 931-939.	0.9	49
89	Current and future climatic regions favourable for a globally introduced wild carnivore, the raccoon <i>Procyon lotor</i> . <i>Scientific Reports</i> , 2019, 9, 9174.	1.6	26
90	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.	3.3	111

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91	Conserved growth rate and age structure of <i>Xenopus laevis</i> in the edge and core of an expanding population. <i>Biological Journal of the Linnean Society</i> , 2019, 128, 122-129.	0.7	7
92	Seasonal variation in diet and prey availability in the wall lizard <i>Podarcis vaucheri</i> (Boulenger, 1905) from the Djurdjura Mountains, northern Algeria. <i>African Journal of Herpetology</i> , 2019, 68, 18-32.	0.3	4
93	Unravelling the hybrid vigor in domestic equids: the effect of hybridization on bone shape variation and covariation. <i>BMC Evolutionary Biology</i> , 2019, 19, 188.	3.2	17
94	Diet variability among insular populations of <i>Podarcis</i> lizards reveals diverse strategies to face resource-limited environments. <i>Ecology and Evolution</i> , 2019, 9, 12408-12420.	0.8	18
95	The role of bite force in the evolution of head shape and head shape dimorphism in <i>Anolis</i> lizards. <i>Functional Ecology</i> , 2019, 33, 2191-2202.	1.7	11
96	Do the relationships between hind limb anatomy and sprint speed variation differ between sexes in <i>Anolis</i> lizards?. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	11
97	Ontogeny of food grasping in mouse lemurs: behavior, morphology and performance. <i>Journal of Zoology</i> , 2019, 308, 1-8.	0.8	11
98	Acclimation temperature effects on locomotor traits in adult aquatic anurans (<i>X. tropicalis</i> and <i>X.</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>		
99	3D Photogrammetry of Bat Skulls: Perspectives for Macro-evolutionary Analyses. <i>Evolutionary Biology</i> , 2019, 46, 249-259.	0.5	36
100	Rapid changes in dispersal on a small spatial scale at the range edge of an expanding population. <i>Evolutionary Ecology</i> , 2019, 33, 599-612.	0.5	20
101	Parallel increases in grip strength in two species of <i>Anolis</i> lizards after a major hurricane on Dominica. <i>Journal of Zoology</i> , 2019, 309, 77-83.	0.8	16
102	A digital dissection of two teleost fishes: comparative functional anatomy of the cranial musculoskeletal system in pike (<i>Esox lucius</i>) and eel (<i>Anguilla anguilla</i>). <i>Journal of Anatomy</i> , 2019, 235, 189-204.	0.9	8
103	Hoatzin nestling locomotion: Acquisition of quadrupedal limb coordination in birds. <i>Science Advances</i> , 2019, 5, eaat0787.	4.7	16
104	Functional diversity in biters: the evolutionary morphology of the oral jaw system in pacus, piranhas and relatives (Teleostei: Serrasalminae). <i>Biological Journal of the Linnean Society</i> , 2019, 127, 722-741.	0.7	16
105	Morphometric models for estimating bite force in <i>Mus</i> and <i>Rattus</i> : mandible shape and size do better than lever-arm ratios. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	8
106	Feeding, a Tool to Understand Vertebrate Evolution Introduction to "Feeding in Vertebrates". <i>Fascinating Life Sciences</i> , 2019, , 1-18.	0.5	5
107	Feeding in Amphibians: Evolutionary Transformations and Phenotypic Diversity as Drivers of Feeding System Diversity. <i>Fascinating Life Sciences</i> , 2019, , 431-467.	0.5	8
108	Feeding in Snakes: Form, Function, and Evolution of the Feeding System. <i>Fascinating Life Sciences</i> , 2019, , 527-574.	0.5	33

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109	Functional relationship between myology and ecology in carnivores: do forelimb muscles reflect adaptations to prehension?. <i>Biological Journal of the Linnean Society</i> , 2019, 127, 661-680.	0.7	19
110	Neurocranial development of the coelacanth and the evolution of the sarcopterygian head. <i>Nature</i> , 2019, 569, 556-559.	13.7	35
111	Cranial kinesis in the miniaturised lizard <i>Ablepharus kitaibelii</i> (Squamata: Scincidae). <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	10
112	Adaptation of the vertebral inner structure to an aquatic life in snakes: Pachyophiid peculiarities in comparison to extant and extinct forms. <i>Comptes Rendus - Palevol</i> , 2019, 18, 783-799.	0.1	8
113	Heritability and genetic correlations of personality, life history and morphology in the grey mouse lemur (<i>Microcebus murinus</i>). <i>Royal Society Open Science</i> , 2019, 6, 190632.	1.1	11
114	Hydrodynamics of frontal striking in aquatic snakes: drag, added mass, and the possible consequences for prey capture success. <i>Bioinspiration and Biomimetics</i> , 2019, 14, 036005.	1.5	14
115	The Ontogeny of Masticatory Muscle Architecture in <i>Microcebus murinus</i> . <i>FASEB Journal</i> , 2019, 33, 615.6.	0.2	2
116	Drivers of <i>in vivo</i> bite performance in wild brown mouse lemurs and a comparison with the grey mouse lemur. <i>Journal of Zoology</i> , 2018, 305, 180-187.	0.8	4
117	Assessing the impacts of the invasive frog, <i>Xenopus laevis</i> , on Amphibians in western France. <i>Amphibia - Reptilia</i> , 2018, 39, 219-227.	0.1	16
118	Frog tendon structure and its relationship with locomotor modes. <i>Journal of Morphology</i> , 2018, 279, 895-903.	0.6	8
119	Differences in standard metabolic rate at the range edge versus the center of an expanding invasive population of <i>Xenopus laevis</i> in the West of France. <i>Journal of Zoology</i> , 2018, 305, 163-172.	0.8	15
120	Differential influences of allometry, phylogeny and environment on the rostral shape diversity of extinct South American notoungulates. <i>Royal Society Open Science</i> , 2018, 5, 171816.	1.1	11
121	Ecological character displacement between a native and an introduced species: the invasion of <i>Anolis cristatellus</i> in Dominica. <i>Biological Journal of the Linnean Society</i> , 2018, 123, 43-54.	0.7	19
122	Hearing capacities and morphology of the auditory system in Serrasalmidae (Teleostei: Otophysi). <i>Scientific Reports</i> , 2018, 8, 1281.	1.6	13
123	Skull Size and Biomechanics are Good Estimators of <i>In Vivo</i> Bite Force in Murid Rodents. <i>Anatomical Record</i> , 2018, 301, 256-266.	0.8	27
124	Anatomical basis of differences in locomotor behavior in Martens: A comparison of the forelimb musculature between two sympatric species of <i>Martes</i> . <i>Anatomical Record</i> , 2018, 301, 449-472.	0.8	25
125	Does the morphology of the forelimb flexor muscles differ between lizards and ungulates? <i>Anatomical Record</i> , 2018, 301, 424-433.	0.8	12
126	The ecological origins of snakes as revealed by skull evolution. <i>Nature Communications</i> , 2018, 9, 376.	5.8	94

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127	The impact of artificial selection on morphological integration in the appendicular skeleton of domestic horses. <i>Journal of Anatomy</i> , 2018, 232, 657-673.	0.9	19
128	Swimmers, Diggers, Climbers and More, a Study of Integration Across the Mustelidsâ€™ Locomotor Apparatus (Carnivora: Mustelidae). <i>Evolutionary Biology</i> , 2018, 45, 182-195.	0.5	28
129	Vertical Locomotion in <i>Micromys minutus</i> (Rodentia: Muridae): Insights into the Evolution of Eutherian Climbing. <i>Journal of Mammalian Evolution</i> , 2018, 25, 277-289.	1.0	10
130	The evolution of bite force in horned lizards: the influence of dietary specialization. <i>Journal of Anatomy</i> , 2018, 232, 214-226.	0.9	22
131	Broader head, stronger bite: <i>In vivo</i> bite forces in European eel <i>Anguilla anguilla</i> . <i>Journal of Fish Biology</i> , 2018, 92, 268-273.	0.7	7
132	Sexual dimorphism, bite force and diet in the diamondback terrapin. <i>Journal of Zoology</i> , 2018, 304, 217-224.	0.8	21
133	Distinctive accumulation patterns of heavy metals in <i>Sardinella aurita</i> (Clupeidae) and <i>Mugil cephalus</i> (Mugilidae) tissues. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2623-2629.	2.7	14
134	Relative size variation of the otoliths, swim bladder, and Weberian apparatus structures in piranhas and pacu (Characiformes: Serrasalminidae) with different ecologies and its implications for the detection of sound stimuli. <i>Journal of Morphology</i> , 2018, 279, 1849-1871.	0.6	7
135	Bite force and cranial bone strain in four species of lizards. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	10
136	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.	2.6	50
137	The effect of recent competition between the native <i>Anolis oculatus</i> and the invasive <i>A. cristatellus</i> on display behavior. <i>PeerJ</i> , 2018, 6, e4888.	0.9	10
138	Molecular evidence for the paraphyly of Scolecophidia and its evolutionary implications. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1782-1793.	0.8	52
139	Changes in the aquatic macroinvertebrate communities throughout the expanding range of an invasive anuran. <i>Food Webs</i> , 2018, 17, e00098.	0.5	12
140	INTRAMUSCULAR ADMINISTRATION OF KETAMINE-MEDETOMIDINE ASSURES STABLE ANAESTHESIA NEEDED FOR LONG-TERM SURGERY IN THE ARGENTINE TEGU <i>SALVATOR MERIANAE</i> . <i>Journal of Zoo and Wildlife Medicine</i> , 2018, 49, 291-296.	0.3	9
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154	Arboreal gaits in three sympatric rodents <i>Apodemus agrarius</i> , <i>Apodemus flavicollis</i> (Rodentia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.8	30
155	Comparing the Arboreal Gaits of <i>Muscardinus avellanarius</i> and <i>Glis glis</i> (Gliridae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382	0.2	17
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