

E Sherratt

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,766
citations

279701

23
h-index

315616

38
g-index

58
all docs

58
docs citations

58
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of Cranial Shape in Caecilians (Amphibia: Gymnophiona). <i>Evolutionary Biology</i> , 2014, 41, 528-545.	0.5	108
2	A nine-family classification of caecilians (Amphibia: Gymnophiona). <i>Zootaxa</i> , 2011, 2874, 41.	0.2	105
3	Discovery of a new family of amphibians from northeast India with ancient links to Africa. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2396-2401.	1.2	95
4	CONVERGENT EVOLUTION OF SEXUAL DIMORPHISM IN SKULL SHAPE USING DISTINCT DEVELOPMENTAL STRATEGIES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2180-2193.	1.1	79
5	Amber fossils demonstrate deep-time stability of Caribbean lizard communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9961-9966.	3.3	75
6	A relative shift in cloacal location repositions external genitalia in amniote evolution. <i>Nature</i> , 2014, 516, 391-394.	13.7	70
7	Morphological evolution and modularity of the caecilian skull. <i>BMC Evolutionary Biology</i> , 2019, 19, 30.	3.2	69
8	Evolution of extreme ontogenetic allometric diversity and heterochrony in pythons, a clade of giant and dwarf snakes. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2829-2844.	1.1	61
9	Adult frogs and tadpoles have different macroevolutionary patterns across the Australian continent. <i>Nature Ecology and Evolution</i> , 2017, 1, 1385-1391.	3.4	61
10	Disparities in the analysis of morphological disparity. <i>Biology Letters</i> , 2020, 16, 20200199.	1.0	60
11	A search for quantitative trait loci exhibiting imprinting effects on mouse mandible size and shape. <i>Heredity</i> , 2008, 101, 518-526.	1.2	49
12	Do cladistic and morphometric data capture common patterns of morphological disparity?. <i>Palaeontology</i> , 2015, 58, 393-399.	1.0	45
13	A New Species of Skin-Feeding Caecilian and the First Report of Reproductive Mode in Microcaecilia (Amphibia: Gymnophiona: Siphonopidae). <i>PLoS ONE</i> , 2013, 8, e57756.	1.1	44
14	Leaf shape and size track habitat transitions across forest-grassland boundaries in the grass family (Poaceae). <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 927-946.	1.1	44
15	Are Diet Preferences Associated to Skulls Shape Diversification in Xenodontine Snakes?. <i>PLoS ONE</i> , 2016, 11, e0148375.	1.1	41
16	Getting a head in hard soils: Convergent skull evolution and divergent allometric patterns explain shape variation in a highly diverse genus of pocket gophers (<i>Thomomys</i>). <i>BMC Evolutionary Biology</i> , 2016, 16, 207.	3.2	35
17	High-density three-dimensional morphometric analyses support conserved static (intraspecific) modularity in caecilian (Amphibia: Gymnophiona) crania. <i>Biological Journal of the Linnean Society</i> , 2019, 126, 721-742.	0.7	35
18	Trends in the sand: Directional evolution in the shell shape of recessing scallops (Bivalvia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (F	1.1	34

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19	Rates of morphological evolution, asymmetry and morphological integration of shell shape in scallops. <i>BMC Evolutionary Biology</i> , 2017, 17, 248.	3.2	34
20	Trophic specialization drives morphological evolution in sea snakes. <i>Royal Society Open Science</i> , 2018, 5, 172141.	1.1	34
21	Amphibian Diversity in East African Biodiversity Hotspots: Altitudinal and latitudinal Patterns. <i>Biodiversity and Conservation</i> , 2007, 16, 1103-1118.	1.2	33
22	Influence of fossoriality on inner ear morphology: insights from caecilian amphibians. <i>Journal of Anatomy</i> , 2014, 225, 83-93.	0.9	32
23	Phylogenetic convergence and multiple shell shape optima for gliding scallops (Bivalvia: Pectinidae). <i>Journal of Evolutionary Biology</i> , 2017, 30, 1736-1747.	0.8	29
24	Global elongation and high shape flexibility as an evolutionary hypothesis of accommodating mammalian brains into skulls. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 625-640.	1.1	27
25	Australian Rodents Reveal Conserved Cranial Evolutionary Allometry across 10 Million Years of Murid Evolution. <i>American Naturalist</i> , 2020, 196, 755-768.	1.0	26
26	Using principal trabecular orientation to differentiate joint loading orientation in the 3rd metacarpal heads of humans and chimpanzees. <i>Journal of Human Evolution</i> , 2017, 113, 173-182.	1.3	25
27	The biomechanics of foraging determines face length among kangaroos and their relatives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180845.	1.2	25
28	Ecological correlates to cranial morphology in Leporids (Mammalia, Lagomorpha). <i>PeerJ</i> , 2015, 3, e844.	0.9	23
29	Heterochronic Shifts Mediate Ecomorphological Convergence in Skull Shape of Microcephalic Sea Snakes. <i>Integrative and Comparative Biology</i> , 2019, 59, 616-624.	0.9	23
30	The Genetic Architecture of Fluctuating Asymmetry of Mandible Size and Shape in a Population of Mice: Another Look. <i>Symmetry</i> , 2015, 7, 146-163.	1.1	22
31	Evolutionary morphology of the rabbit skull. <i>PeerJ</i> , 2016, 4, e2453.	0.9	22
32	Semicircular canals in <i>Anolis</i> lizards: ecomorphological convergence and ecomorph affinities of fossil species. <i>Royal Society Open Science</i> , 2017, 4, 170058.	1.1	22
33	Ecomorphological diversity of Australian tadpoles. <i>Ecology and Evolution</i> , 2018, 8, 12929-12939.	0.8	22
34	Individual variation of the masticatory system dominates 3D skull shape in the herbivory-adapted marsupial wombats. <i>Frontiers in Zoology</i> , 2019, 16, 41.	0.9	21
35	Egg shape mimicry in parasitic cuckoos. <i>Journal of Evolutionary Biology</i> , 2017, 30, 2079-2084.	0.8	20
36	Out on a limb: bandicoot limb co-variation suggests complex impacts of development and adaptation on marsupial forelimb evolution. <i>Evolution & Development</i> , 2017, 19, 69-84.	1.1	19

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37	A new species of <i>Rhinatrema Duméril & Bibron</i> (Amphibia: Gymnophiona: Rhinatrematidae) from Guyana. <i>Zootaxa</i> , 2010, 2391, 47.	0.2	18
38	Changes in ontogenetic patterns facilitate diversification in skull shape of Australian agamid lizards. <i>BMC Evolutionary Biology</i> , 2019, 19, 7.	3.2	18
39	Covariation between forelimb muscle anatomy and bone shape in an Australian scratch-digging marsupial: Comparison of morphometric methods. <i>Journal of Morphology</i> , 2019, 280, 1900-1915.	0.6	16
40	Psychology, not technology, is our biggest challenge to open digital morphology data. <i>Scientific Data</i> , 2019, 6, 41.	2.4	16
41	The Mexican amber anole, <i>Anolis electrum</i> , within a phylogenetic context: implications for the origins of Caribbean anoles. <i>Zoological Journal of the Linnean Society</i> , 2014, 172, 133-144.	1.0	14
42	A new, three-dimensional geometric morphometric approach to assess egg shape. <i>PeerJ</i> , 2018, 6, e5052.	0.9	14
43	Evolution of cranial shape in a continental-scale evolutionary radiation of Australian lizards. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 2216-2229.	1.1	13
44	Vertebral evolution and ontogenetic allometry: The developmental basis of extreme body shape divergence in microcephalic sea snakes. <i>Evolution & Development</i> , 2019, 21, 135-144.	1.1	13
45	Variation in brown rat cranial shape shows directional selection over 120 years in New York City. <i>Ecology and Evolution</i> , 2020, 10, 4739-4748.	0.8	13
46	A new species of striped <i>Ichthyophis</i> ; Fitzinger, 1826 (Amphibia: Gymnophiona: Ichthyophiidae) from Myanmar. <i>Zootaxa</i> , 2014, 3785, 45.	0.2	11
47	Ontogenetic shift in diet of a large elapid snake is facilitated by allometric change in skull morphology. <i>Evolutionary Ecology</i> , 2022, 36, 489-509.	0.5	10
48	Feeding Biomechanics Influences Craniofacial Morphology at the Subspecies Scale among Australian Pademelons (Macropodidae: Thylogale). <i>Journal of Mammalian Evolution</i> , 2020, 27, 199-209.	1.0	9
49	Lagomorpha as a Model Morphological System. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	9
50	Ontogenetic allometry underlies trophic diversity in sea turtles (Chelonioidae). <i>Evolutionary Ecology</i> , 2022, 36, 511-540.	0.5	7
51	Skeletal variation in extant species enables systematic identification of New Zealand's large, subfossil diplodactylids. <i>Bmc Ecology and Evolution</i> , 2021, 21, 67.	0.7	6
52	Patterns of intracolumnar size variation inform the heterochronic mechanisms underlying extreme body shape divergence in microcephalic sea snakes. <i>Evolution & Development</i> , 2020, 22, 283-290.	1.1	5
53	Morphological variation in skull shape and size across extinct and extant populations of the greater stick-nest rat (<i>Leporillus conditor</i>): implications for translocation. <i>Australian Mammalogy</i> , 2022, , .	0.7	1