

James C. Lamsdell

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,197
citations

361045

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433756

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58
docs citations

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times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cheliceræ of <i>Slimonia</i> (Eurypterida; Pterygotoidea). <i>Bulletin of the Peabody Museum of Natural History</i> , 2022, 63, .	0.6	2
2	Two new eurypterids (Arthropoda, Chelicerata) from the upper Silurian Yulongsi Formation of south-west China. <i>Journal of Paleontology</i> , 2022, 96, 1078-1086.	0.5	2
3	A new method for quantifying heterochrony in evolutionary lineages. <i>Paleobiology</i> , 2021, 47, 363-384.	1.3	19
4	Principal component analysis of avian hind limb and foot morphometrics and the relationship between ecology and phylogeny. <i>Paleobiology</i> , 2021, 47, 314-336.	1.3	10
5	Phylogenetic paleoecology: macroecology within an evolutionary framework. <i>Paleobiology</i> , 2021, 47, 171-177.	1.3	4
6	Stranger than a scorpion: a reassessment of <i>Parioscorpio venator</i> , a problematic arthropod from the Llandoveryan Waukesha Lagerstätte. <i>Palaeontology</i> , 2021, 64, 429-474.	1.0	14
7	Phylogeny, disparity and mass extinction response in the trilobite order Harpetida. <i>Papers in Palaeontology</i> , 2021, 7, 2205-2225.	0.7	6
8	Earliest known Cambrian calcimicrobial reefs occur in the Gobi-Altai, western Mongolia: Intriguing geobiological products immediately after the Ediacaran–Cambrian boundary. <i>Global and Planetary Change</i> , 2021, 203, 103530.	1.6	7
9	The conquest of spaces: Exploring drivers of morphological shifts through phylogenetic palaeoecology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 583, 110672.	1.0	5
10	Discerning the diets of sweep-feeding eurypterids: assessing the importance of prey size to survivorship across the Late Devonian mass extinction in a phylogenetic context. <i>Paleobiology</i> , 2021, 47, 271-283.	1.3	12
11	Rare earth and yttrium elements (REY) patterns of mesostructures of Miaolingian (Cambrian) thrombolites at Jiulongshan, Shandong Province, China. <i>Palaeoworld</i> , 2021, 30, 627-642.	0.5	2
12	A new limulid (Chelicerata, Xiphosurida) from the Late Cretaceous (Cenomanian–Turonian) of Gara Sbaa, southeast Morocco. <i>Cretaceous Research</i> , 2020, 106, 104230.	0.6	9
13	A chasmataspidid affinity for the putative xiphosuran <i>Kiaeria StÅrmer</i> , 1934. <i>Palaontologische Zeitschrift</i> , 2020, 94, 449-453.	0.8	5
14	A new Devonian euthycarcinoid reveals the use of different respiratory strategies during the marine-to-terrestrial transition in the myriapod lineage. <i>Royal Society Open Science</i> , 2020, 7, 201037.	1.1	5
15	Air Breathing in an Exceptionally Preserved 340-Million-Year-Old Sea Scorpion. <i>Current Biology</i> , 2020, 30, 4316-4321.e2.	1.8	18
16	Chemical signatures of soft tissues distinguish between vertebrates and invertebrates from the Carboniferous Mazon Creek Lagerstätte of Illinois. <i>Geobiology</i> , 2020, 18, 560-565.	1.1	25
17	The phylogeny and systematics of Xiphosura. <i>PeerJ</i> , 2020, 8, e10431.	0.9	26
18	New insights into Late Devonian vertebrates and associated fauna from the Cucho Formation (Floresta Massif, Colombia). <i>Journal of Vertebrate Paleontology</i> , 2019, 39, e1620247.	0.4	10

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19	Stylonurine eurypterids from the Strud locality (Upper Devonian, Belgium): new insights into the ecology of freshwater sea scorpions. <i>Geological Magazine</i> , 2019, 156, 1708-1714.	0.9	6
20	A common arthropod from the Late Ordovician Big Hill Lagerstätte (Michigan) reveals an unexpected ecological diversity within Chasmataspidida. <i>BMC Evolutionary Biology</i> , 2019, 19, 8.	3.2	6
21	Hit and Miss: (A Comment on Persons and Acorn, "A Sea Scorpion's Strike: New Evidence of Extreme) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	1.0	4
22	Biological hierarchies and the nature of extinction. <i>Biological Reviews</i> , 2018, 93, 811-826.	4.7	20
23	A new genus of eurypterid (Chelicerata, Eurypterida) from the Upper Devonian salt deposits of Belarus. <i>Journal of Paleontology</i> , 2018, 92, 838-849.	0.5	4
24	Segmentation and tagmosis in Chelicerata. <i>Arthropod Structure and Development</i> , 2017, 46, 395-418.	0.8	53
25	Phylogenetic Paleocology: Tree-Thinking and Ecology in Deep Time. <i>Trends in Ecology and Evolution</i> , 2017, 32, 452-463.	4.2	34
26	Exocuticular hyaline layer of sea scorpions and horseshoe crabs suggests cuticular fluorescence is plesiomorphic in chelicerates. <i>Journal of Zoology</i> , 2017, 303, 245-253.	0.8	8
27	From success to persistence: Identifying an evolutionary regime shift in the diverse Paleozoic aquatic arthropod group Eurypterida, driven by the Devonian biotic crisis. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 95-110.	1.1	38
28	A new Lagerstätte from the Late Ordovician Big Hill Formation, Upper Peninsula, Michigan. <i>Journal of the Geological Society</i> , 2017, 174, 18-22.	0.9	16
29	The first diploaspidid (Chelicerata: Chasmataspidida) from North America (Silurian, Bertie Group, New) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.9	4
30	Horseshoe crab phylogeny and independent colonizations of fresh water: ecological invasion as a driver for morphological innovation. <i>Palaeontology</i> , 2016, 59, 181-194.	1.0	88
31	Implied weighting and its utility in palaeontological datasets: a study using modelled phylogenetic matrices. <i>Palaeontology</i> , 2016, 59, 447-462.	1.0	60
32	The "Tully monster" is a vertebrate. <i>Nature</i> , 2016, 532, 496-499.	13.7	35
33	The oldest described eurypterid: a giant Middle Ordovician (Darriwilian) megalograptid from the Winneshiek Lagerstätte of Iowa. <i>BMC Evolutionary Biology</i> , 2015, 15, 169.	3.2	54
34	An unusual euchelicerate linking horseshoe crabs and eurypterids, from the Lower Devonian (Lochkovian) of Yunnan, China. <i>Zoologica Scripta</i> , 2015, 44, 645-652.	0.7	36
35	Cambrian Series 3 lithistid sponge "microbial reefs in Shandong Province, North China: reef development after the disappearance of archaeocyaths. <i>Lethaia</i> , 2015, 48, 405-416.	0.6	33
36	<i>Tachypleus syriacus</i> (Woodward) "a sexually dimorphic Cretaceous crown limulid reveals underestimated horseshoe crab divergence times. <i>Organisms Diversity and Evolution</i> , 2015, 15, 681-693.	0.7	27

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37	A new Ordovician arthropod from the Winneshiek Lagerstätte of Iowa (USA) reveals the ground plan of eurypterids and chasmataspidids. <i>Die Naturwissenschaften</i> , 2015, 102, 63.	0.6	29
38	All the better to see you with: eyes and claws reveal the evolution of divergent ecological roles in giant pterygotid eurypterids. <i>Biology Letters</i> , 2015, 11, 20150564.	1.0	36
39	Phylogenetic support for the monophyly of proetide trilobites. <i>Lethaia</i> , 2015, 48, 375-386.	0.6	11
40	Late Early Cambrian archaeocyath reefs in Hubei Province, South China: modes of construction during their period of demise. <i>Facies</i> , 2014, 60, 703-717.	0.7	31
41	A diverse chasmataspidid (Arthropoda: Chelicerata) fauna from the Early Devonian (Lochkovian) of Siberia. <i>Palaeontology</i> , 2014, 57, 631-655.	1.0	11
42	Babes in the wood – a unique window into sea scorpion ontogeny. <i>BMC Evolutionary Biology</i> , 2013, 13, 98.	3.2	34
43	Kodymirus and the case for convergence of raptorial appendages in Cambrian arthropods. <i>Die Naturwissenschaften</i> , 2013, 100, 811-825.	0.6	21
44	Revised systematics of Palaeozoic ‘horseshoe crabs’ and the myth of monophyletic Xiphosura. <i>Zoological Journal of the Linnean Society</i> , 2013, 167, 1-27.	1.0	76
45	A new Ordovician eurypterid (Arthropoda: Chelicerata) from southeast Turkey: Evidence for a cryptic Ordovician record of Eurypterida. <i>Gondwana Research</i> , 2013, 23, 354-366.	3.0	26
46	A horseshoe crab (Arthropoda: Chelicerata: Xiphosura) from the Lower Devonian (Lochkovian) of Yunnan, China. <i>Geological Magazine</i> , 2013, 150, 367-370.	0.9	16
47	The problematic ‘chelicerate’ <i>Melbournopterus crossotus</i> Caster & Kjellesvig-Waering: a case of mistaken identity. <i>Alcheringa</i> , 2013, 37, 344-348.	0.5	2
48	Redescription of <i>Drepanopterus pentlandicus</i> Laurie, 1892, the earliest known mycteropoid (Chelicerata: Eurypterida) from the early Silurian (Llandovery) of the Pentland Hills, Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2012, 103, 77-103.	0.3	12
49	Nomenclatural notes on the eurypterid family Carcinomatidae. <i>Zoosystematics and Evolution</i> , 2012, 88, 19-24.	0.4	3
50	The systematics and phylogeny of the Stylonurina (Arthropoda: Chelicerata: Eurypterida). <i>Journal of Systematic Palaeontology</i> , 2010, 8, 49-61.	0.6	21
51	Cope's Rule and Romer's theory: patterns of diversity and gigantism in eurypterids and Palaeozoic vertebrates. <i>Biology Letters</i> , 2010, 6, 265-269.	1.0	65
52	Early Devonian stylonurine eurypterids from Arctic Canada. <i>Canadian Journal of Earth Sciences</i> , 2010, 47, 1405-1415.	0.6	9
53	An isolated pterygotid ramus (Chelicerata: Eurypterida) from the Devonian Beartooth Butte Formation, Wyoming. <i>Journal of Paleontology</i> , 2010, 84, 1206-1208.	0.5	12
54	Early Ordovician reef construction in Anhui Province, South China: A geobiological transition from microbial- to metazoan-dominant reefs. <i>Sedimentary Geology</i> , 2009, 220, 1-11.	1.0	54

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55	Redescription of <i>Drepanopterus abonensis</i> (Chelicerata: Eurypterida: Stylonurina) from the late Devonian of Portishead, UK. <i>Palaeontology</i> , 2009, 52, 1113-1139.	1.0	15
56	<i>Belinurus</i> Bronn, 1839 (Chelicerata, Xiphosura) has priority over <i>Bellinurus</i> Pictet, 1846. <i>Journal of Paleontology</i> , 0, , 1-4.	0.5	2
57	One name to rule them all: <i>Belinurus trilobitoides</i> (Buckland,) is senior synonym to fourteen named species. <i>Journal of Paleontology</i> , 0, , 1-5.	0.5	2