

A middle Cambrian arthropod with chelicerae and proto-

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Developmental gene expression as a phylogenetic data class: support for the monophyly of Arachnoplumonata. <i>Development Genes and Evolution</i> , 2020, 230, 137-153.	0.9	27
2	Fossils from South China redefine the ancestral euarthropod body plan. <i>BMC Evolutionary Biology</i> , 2020, 20, 4.	3.2	27
3	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.	2.4	5
4	Air Breathing in an Exceptionally Preserved 340-Million-Year-Old Sea Scorpion. <i>Current Biology</i> , 2020, 30, 4316-4321.e2.	3.9	18
5	Arachnid monophyly: Morphological, palaeontological and molecular support for a single terrestrialization within Chelicerata. <i>Arthropod Structure and Development</i> , 2020, 59, 100997.	1.4	35
6	Macroevolutionary patterns of body plan canalization in euarthropods. <i>Paleobiology</i> , 2020, 46, 569-593.	2.0	14
7	Arthropod Origins: Integrating Paleontological and Molecular Evidence. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 1-25.	8.3	30
8	The Burgess Shale paleocommunity with new insights from Marble Canyon, British Columbia. <i>Paleobiology</i> , 2020, 46, 58-81.	2.0	47
9	New exceptionally preserved panarthropods from the Drumian Wheeler Konservat-Lagerstätte of the House Range of Utah. <i>Papers in Palaeontology</i> , 2020, 6, 501-531.	1.5	32
10	Taxonomic Sampling and Rare Genomic Changes Overcome Long-Branch Attraction in the Phylogenetic Placement of Pseudoscorpions. <i>Molecular Biology and Evolution</i> , 2021, 38, 2446-2467.	8.9	53
11	Strange eyes, stranger brains: exceptional diversity of optic lobe organization in midwater crustaceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210216.	2.6	6
12	A Burgess Shale mandibulate arthropod with a pygidium: a case of convergent evolution. <i>Papers in Palaeontology</i> , 2021, 7, 1877.	1.5	9
13	Through a glass darkly, but with more understanding of arthropod origin. <i>France Biotechnologies</i> , 0, , .	0.0	0
15	An early Cambrian euarthropod with radiodont-like raptorial appendages. <i>Nature</i> , 2020, 588, 101-105.	27.8	37
16	Revision of the mollisoniid chelicerate(?) <i>Thelxiope</i> , with a new species from the middle Cambrian Wheeler Formation of Utah. <i>PeerJ</i> , 2020, 8, e8879.	2.0	6
17	The evolution of feeding within Euchelicerata: data from the fossil groups Eurypterida and Trigonotarbida illustrate possible evolutionary pathways. <i>PeerJ</i> , 0, 8, e9696.	2.0	9
18	What Is an "Arachnid"? Consensus, Consilience, and Confirmation Bias in the Phylogenetics of Chelicerata. <i>Diversity</i> , 2021, 13, 568.	1.7	12
20	Comprehensive Species Sampling and Sophisticated Algorithmic Approaches Refute the Monophyly of Arachnida. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	41

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21	Neuroanatomy in a middle Cambrian mollisoniid and the ancestral nervous system organization of chelicerates. <i>Nature Communications</i> , 2022, 13, 410.	12.8	9
22	A new Palaeoburmesebuthidae scorpion from mid-Cretaceous Burmese amber (Arachnida: Scorpiones). <i>Tj ETQq1 1 0,784314,rgBT /Ov</i>	1.4	3
23	A new marrellomorph arthropod from southern Ontario: a rare case of soft-tissue preservation on a Late Ordovician open marine shelf. <i>Journal of Paleontology</i> , 2022, 96, 859-874.	0.8	4
24	A sting in the tale of <i>Parioscorpio venator</i> from the Silurian of Wisconsin: is it a cheloniellid arthropod?. <i>Lethaia</i> , 0, , .	1.4	5
25	The origin and early evolution of arthropods. <i>Biological Reviews</i> , 2022, 97, 1786-1809.	10.4	13
26	Functional importance of the mandibular skeleto-muscular system in the bivalved arthropod <i>Heterocypris incongruens</i> (Crustacea, Ostracoda, Cyprididae). <i>Die Naturwissenschaften</i> , 2022, 109, .	1.6	0
27	<i>Innovatiocaris</i> , a complete radiodont from the early Cambrian Chengjiang Lagerstätte and its implications for the phylogeny of Radiodonta. <i>Journal of the Geological Society</i> , 2023, 180, .	2.1	4
28	Description of <i>Acheronauta</i> gen. nov., a possible mandibulate from the Silurian Waukesha Lagerstätte, Wisconsin, USA. <i>Journal of Systematic Palaeontology</i> , 2022, 20, 1-24.	1.5	4
29	Ordovician opabiniid-like animals and the role of the proboscis in euarthropod head evolution. <i>Nature Communications</i> , 2022, 13, .	12.8	5
30	The Origin and Main Trends in the Evolution of Bilaterally Symmetrical Animals. <i>Paleontological Journal</i> , 2022, 56, 887-937.	0.5	1
31	Hox genes in spiders: Their significance for development and evolution. <i>Seminars in Cell and Developmental Biology</i> , 2024, 152-153, 24-34.	5.0	3
32	The problematic Cambrian arthropod <i>Tuzoia</i> and the origin of mandibulates revisited. <i>Royal Society Open Science</i> , 2022, 9, .	2.4	7
33	Interpreting fossilized nervous tissues. <i>BioEssays</i> , 2023, 45, .	2.5	3
34	Three-dimensional anatomy of the Tully monster casts doubt on its presumed vertebrate affinities. <i>Palaeontology</i> , 2023, 66, .	2.2	0
35	Paleo-trade wind directions over the Yangtze Carbonate Platform during the Cambrian–Ordovician, Southern China. <i>Geological Magazine</i> , 2023, 160, 1160-1176.	1.5	0
36	A vicissicaudatan arthropod from the Silurian Herefordshire Lagerstätte, UK. <i>Royal Society Open Science</i> , 2023, 10, .	2.4	1
37	Consensus and conflict in studies of chelicerate fossils and phylogeny. <i>Arachnologische Mitteilungen</i> , 2023, 66, .	0.3	0