

Ancestral morphology of crown-group molluscs revealed aculiferan

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cuticle of Polyplacophora: structure, secretion, and homology with the periostracum of conchiferans. <i>Marine Biology</i> , 2017, 164, 1.	0.7	12
3	Ichnological evidence for meiofaunal bilaterians from the terminal Ediacaran and earliest Cambrian of Brazil. <i>Nature Ecology and Evolution</i> , 2017, 1, 1455-1464.	3.4	95
4	Zoology: Molluscs All Beneath the Sun, One Shell, Two Shells, More, or None. <i>Current Biology</i> , 2017, 27, R708-R710.	1.8	18
5	Brain regionalization genes are co-opted into shell field patterning in Mollusca. <i>Scientific Reports</i> , 2017, 7, 5486.	1.6	27
6	Three Cambrian fossils assembled into an extinct body plan of cnidarian affinity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8835-8840.	3.3	27
7	<i>Orthozanclus elongata</i> n. sp. and the significance of sclerite-covered taxa for early trochozoan evolution. <i>Scientific Reports</i> , 2017, 7, 16232.	1.6	17
8	Brachiopods: origin and early history. <i>Palaeontology</i> , 2017, 60, 609-631.	1.0	39
9	Mitogenomics reveals phylogenetic relationships of caudofoveate aplacophoran molluscs. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 429-436.	1.2	17
10	A New Burgess Shale Polychaete and the Origin of the Annelid Head Revisited. <i>Current Biology</i> , 2018, 28, 319-326.e1.	1.8	18
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14	The evolution of molluscs. <i>Biological Reviews</i> , 2019, 94, 102-115.	4.7	104
15	Jaw elements in <i>Plumulites bengtsoni</i> confirm that machaeridians are extinct armoured scaleworms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191247.	1.2	12
16	Digitization of Fossils from the Fezouata Biota (Lower Ordovician, Morocco): Evaluating Computed Tomography and Photogrammetry in Collection Enhancement. <i>Geoheritage</i> , 2019, 11, 1889-1901.	1.5	9
17	<i>Canadia spinosa</i> and the early evolution of the annelid nervous system. <i>Science Advances</i> , 2019, 5, eaax5858.	4.7	17
18	Late Ordovician molluscs of the central and eastern Anti-Atlas, Morocco. <i>Geological Society Special Publication</i> , 2019, , SP485.9.	0.8	5
19	Phylogenomics of Aplacophora (Mollusca, Aculifera) and a solenogaster without a foot. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190115.	1.2	22

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20	Sclerite-bearing annelids from the lower Cambrian of South China. <i>Scientific Reports</i> , 2019, 9, 4955.	1.6	10
21	The nileid trilobite <i>Symphysurus</i> from upper Tremadocian strata of the Moroccan Anti-Atlas: taxonomic reappraisal and palaeoenvironmental implications. <i>Fossils and Strata</i> , 2019, , 155-171.	2.0	9
22	Homologous shell microstructures in Cambrian hyoliths and molluscs. <i>Palaeontology</i> , 2019, 62, 515-532.	1.0	25
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24	Ordovician stratigraphy and benthic community replacements in the eastern Anti-Atlas, Morocco. <i>Geological Society Special Publication</i> , 2019, , SP485.20.	0.8	17
25	Molecular phylogeny of Caudofoveata (Mollusca) challenges traditional views. <i>Molecular Phylogenetics and Evolution</i> , 2019, 132, 138-150.	1.2	8
26	Exceptionally preserved soft parts in fossils from the Lower Ordovician of Morocco clarify stylophoran affinities within basal deuterostomes. <i>Geobios</i> , 2019, 52, 27-36.	0.7	38
27	The impact of fossil stratigraphic ranges on tip-calibration, and the accuracy and precision of divergence time estimates. <i>Palaeontology</i> , 2020, 63, 67-83.	1.0	25
28	The Herefordshire Lagerstätte: fleshing out Silurian marine life. <i>Journal of the Geological Society</i> , 2020, 177, 1-13.	0.9	20
29	A new large mound dwelling chiton (Mollusca), from the Late Ordovician Boda Limestone of central Sweden. <i>Gff</i> , 2020, 142, 297-303.	0.4	0
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33	<i>Pelagiella exigua</i> , an early Cambrian stem gastropod with chaetae: lophotrochozoan heritage and conchiferan novelty. <i>Palaeontology</i> , 2020, 63, 601-627.	1.0	17
34	New data from Monoplacophora and a carefully-curated dataset resolve molluscan relationships. <i>Scientific Reports</i> , 2020, 10, 101.	1.6	56
35	Fossil Weathering and Preparation Mimic Soft Tissues in Eocrinoid and Somasteroid Echinoderms from the Lower Ordovician of Morocco. <i>Microscopy Today</i> , 2020, 28, 24-28.	0.2	13
36	A mitogenomic phylogeny of chitons (Mollusca: Polyplacophora). <i>BMC Evolutionary Biology</i> , 2020, 20, 22.	3.2	35
37	Biogenic Iron Preserves Structures during Fossilization: A Hypothesis. <i>BioEssays</i> , 2020, 42, e1900243.	1.2	28

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38	Large trilobites in a stress-free Early Ordovician environment. <i>Geological Magazine</i> , 2021, 158, 261-270.	0.9	16
39	Insights into soft-part preservation from the Early Ordovician Fezouata Biota. <i>Earth-Science Reviews</i> , 2021, 213, 103464.	4.0	23
40	Raising names from the dead: A time-calibrated phylogeny of frog shells (Bursidae, Tonnoidea). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66</i>	1.2	3
41	Chancelloriid sclerites from the Dyeranâ€“Delamaran (â€“Lowerâ€“Middleâ€™ Cambrian) boundary interval of the Piocheâ€“Caliente region, Nevada, USA. <i>Papers in Palaeontology</i> , 2021, 7, 565-623.	0.7	6
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43	An outer shelf shelly fauna from Cambrian Series 2 (Stage 4) of North Greenland (Laurentia). <i>Journal of Paleontology</i> , 2021, 95, 1-41.	0.5	8
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45	Fossils improve phylogenetic analyses of morphological characters. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210044.	1.2	50
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49	Taphonomic pathway of exceptionally preserved fossils in the Lower Ordovician of Morocco. <i>Geobios</i> , 2020, 60, 99-115.	0.7	17
50	The Iron-Responsive Genome of the Chiton <i>Acanthopleura granulata</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	42
53	The â€“biomineralization toolkitâ€™ and the origin of animal skeletons. <i>Biological Reviews</i> , 2020, 95, 1372-1392.	4.7	76
54	Multiple paedomorphic lineages of soft-substrate burrowing invertebrates: parallels in the origin of Xenocratena and Xenoturbella. <i>PLoS ONE</i> , 2020, 15, e0227173.	1.1	19
55	Morphometric analysis of stem-group mollusks from the northern Yangtze Craton, China. <i>Journal of Paleontology</i> , 0, , 1-13.	0.5	2
56	Separated from the cradle: A new species of Falcidens (Mollusca, Aplacophora, Caudofoveata) reveals weird patterns of distribution in the deep-sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 186, 103825.	0.6	1
57	Renewed perspectives on the sedentary-pelagic last common bilaterian ancestor. <i>Contributions To Zoology</i> , 2022, 91, 1-68.	0.2	0

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60	Beyond congruence: evidential integration and inferring the best evolutionary scenario. <i>Biology and Philosophy</i> , 2022, 37, .	0.7	0
61	A Cambrian tommotiid preserving soft tissues reveals the metameric ancestry of lophophorates. <i>Current Biology</i> , 2022, 32, 4769-4778.e2.	1.8	5
62	Mineralize It or Not: Comparative Proteomics and Elemental Analysis Reveal Ancestral Compositions of Iron Mineralized Molluscan Radulae. <i>Journal of Proteome Research</i> , 2022, 21, 2736-2742.	1.8	0
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