

A primitive fish from the Cambrian of North America

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Experimental Decay of Soft Tissues. The Paleontological Society Papers, 2014, 20, 259-274.	0.6	18
2	Geochemistry Articles – August 2014. Organic Geochemistry, 2014, 76, e1-e37.	1.8	0
3	A new vetulicolian from Australia and its bearing on the chordate affinities of an enigmatic Cambrian group. BMC Evolutionary Biology, 2014, 14, 214.	3.2	25
4	Roles of retinoic acid and Tbx1/10 in pharyngeal segmentation: amphioxus and the ancestral chordate condition. EvoDevo, 2014, 5, 36.	3.2	27
5	Early vertebrate evolution. Palaeontology, 2014, 57, 879-893.	2.2	56
6	Histology of the heterostracan dermal skeleton: Insight into the origin of the vertebrate mineralised skeleton. Journal of Morphology, 2015, 276, 657-680.	1.2	35
7	Ciderius cooperi gen. nov., sp. nov., the earliest known euphaneropid from the Lower Silurian of Scotland. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2015, 94, 279-288.	0.9	2
8	Preservational Pathways of Corresponding Brains of a Cambrian Euarthropod. Current Biology, 2015, 25, 2969-2975.	3.9	51
10	Cephalic and Limb Anatomy of a New Isoxyid from the Burgess Shale and the Role of –Stem Bivalved Arthropods– in the Disparity of the Frontalmost Appendage. PLoS ONE, 2015, 10, e0124979.	2.5	43
12	Rare primitive deuterostomes from the Cambrian (Series 3) of Utah. Journal of Paleontology, 2015, 89, 631-636.	0.8	11
13	Phylostratigraphic Profiles in Zebrafish Uncover Chordate Origins of the Vertebrate Brain. Molecular Biology and Evolution, 2015, 32, 299-312.	8.9	32
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15	Facts and fancies about early fossil chordates and vertebrates. Nature, 2015, 520, 483-489.	27.8	80
16	Extraordinary fossils reveal the nature of Cambrian life: a commentary on Whittington (1975) –The enigmatic animal <i>Opabinia regalis</i> , Middle Cambrian, Burgess Shale, British Columbia–™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140313.	4.0	23
17	The origin and evolution of chordate nervous systems. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20150048.	4.0	38
18	Evolution of Serial Patterns in the Vertebrate Pharyngeal Apparatus and Paired Appendages via Assimilation of Dissimilar Units. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	15
20	Vertebrate Eye Evolution. , 2016, , 275-298.		2
21	Vertebrates, the Origin of. , 2016, , 333-343.		0

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22	Preservation and phylogeny of Cambrian ecdysozoans tested by experimental decay of Priapulus. <i>Scientific Reports</i> , 2016, 6, 32817.	3.3	46
23	Palaeospondylus as a primitive hagfish. <i>Zoological Letters</i> , 2016, 2, 20.	1.3	15
24	Convergent evolution of hemoglobin switching in jawed and jawless vertebrates. <i>BMC Evolutionary Biology</i> , 2016, 16, 30.	3.2	16
25	The "Tully monster"™ is a vertebrate. <i>Nature</i> , 2016, 532, 496-499.	27.8	35
26	The phylogeny, evolutionary developmental biology, and paleobiology of the Deuterostomia: 25 years of new techniques, new discoveries, and new ideas. <i>Organisms Diversity and Evolution</i> , 2016, 16, 401-418.	1.6	30
27	Histology and affinity of anaspids, and the early evolution of the vertebrate dermal skeleton. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152917.	2.6	44
28	Fishing for jaws in early vertebrate evolution: a new hypothesis of mandibular confinement. <i>Biological Reviews</i> , 2016, 91, 611-657.	10.4	53
29	Meiofaunal deuterostomes from the basal Cambrian of Shaanxi (China). <i>Nature</i> , 2017, 542, 228-231.	27.8	58
30	The "Tully Monster"™ is not a vertebrate: characters, convergence and taphonomy in Palaeozoic problematic animals. <i>Palaeontology</i> , 2017, 60, 149-157.	2.2	17
31	The Origin of Vertebrate Brain Centers. <i>Diversity and Commonality in Animals</i> , 2017, , 215-252.	0.7	5
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34	Reconstructing the ancestral vertebrate brain. <i>Development Growth and Differentiation</i> , 2017, 59, 163-174.	1.5	51
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36	A three-dimensional placoderm (stem-group gnathostome) pharyngeal skeleton and its implications for primitive gnathostome pharyngeal architecture. <i>Journal of Morphology</i> , 2017, 278, 1220-1228.	1.2	10
37	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.	7.1	27
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39	Metamerism in cephalochordates and the problem of the vertebrate head. <i>International Journal of Developmental Biology</i> , 2017, 61, 621-632.	0.6	11
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41	The stepwise development of the lamprey visual system and its evolutionary implications. <i>Biological Reviews</i> , 2018, 93, 1461-1477.	10.4	28
42	Measuring inferential importance of taxa using taxon influence indices. <i>Ecology and Evolution</i> , 2018, 8, 4484-4494.	1.9	5
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48	Evolution of Vertebrate Reproduction. , 2018, , 207-226.		4
49	The Evolution of Fishes through Geological Time. , 2018, , 3-29.		3
50	Comparative Development of Cyclostomes. , 2018, , 30-58.		2
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57	Phagocytic intracellular digestion in amphioxus (<i>Branchiostoma</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180438.	2.6	11
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59	Cambrian Chordates and Vetulicolians. <i>Geosciences (Switzerland)</i> , 2019, 9, 354.	2.2	7
60	A critical appraisal of appendage disparity and homology in fishes. <i>Fish and Fisheries</i> , 2019, 20, 1138-1175.	5.3	10
61	Hagfish from the Cretaceous Tethys Sea and a reconciliation of the morphologicalâ€“molecular conflict in early vertebrate phylogeny. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2146-2151.	7.1	97
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69	Understanding the retinal basis of vision across species. <i>Nature Reviews Neuroscience</i> , 2020, 21, 5-20.	10.2	191
70	People of the Water: El Ro, The Shape of Water, and the Rights of Nature1. <i>ISLE Interdisciplinary Studies in Literature and Environment</i> , 2020, 27, 596-612.	0.1	0
71	Enhancer evolution in chordates: Lessons from functional analyses of cephalochordate cisâ€“regulatory modules. <i>Development Growth and Differentiation</i> , 2020, 62, 279-300.	1.5	4
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75	The vertebrate-specific VENTX/NANOG gene empowers neural crest with ectomesenchyme potential. <i>Science Advances</i> , 2020, 6, eaaz1469.	10.3	36
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99	The soft-bodied biota of the Cambrian Series 2 Parker Quarry Lagerstätte of northwestern Vermont, USA. <i>Journal of Paleontology</i> , 2022, 96, 770-790.	0.8	7
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