

# Ordovician faunas of Burgess Shale type

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Palaeontology: The New Conservative. <i>Current Biology</i> , 2010, 20, R513-R515.	3.9	1
3	GEOCHEMISTRY ARTICLES – May 2010. <i>Organic Geochemistry</i> , 2010, 41, e183-e209.	1.8	0
4	Welsh gold: A new exceptionally preserved pyritized Ordovician biota. <i>Geology</i> , 2011, 39, 879-882.	4.4	49
5	A New Early Cambrian Lobopod-Bearing Animal (Murero, Spain) and the Problem of the Ecdysozoan Early Diversification. , 2011, , 193-219.		16
6	Taphonomic study of Ediacaran organic-walled fossils confirms the importance of clay minerals and pyrite in Burgess Shale – type preservation. <i>Geology</i> , 2011, 39, 643-646.	4.4	92
7	The Cambrian Conundrum: Early Divergence and Later Ecological Success in the Early History of Animals. <i>Science</i> , 2011, 334, 1091-1097.	12.6	1,055
8	A giant Ordovician anomalocaridid. <i>Nature</i> , 2011, 473, 510-513.	27.8	81
9	A new Middle Ordovician (late Dapingian) hexactinellid sponge from Cumbria, UK. <i>Geological Journal</i> , 2011, 46, 501-506.	1.3	3
10	A revision of the Late Ordovician marelomorph arthropod <i>Furca bohemia</i> from Czech Republic. <i>Acta Palaeontologica Polonica</i> , 2011, , .	0.4	8
11	A new link between Orsten-type assemblages and the Burgess Shale – a Marrella-like arthropod from the Cambrian of Australia. <i>Acta Palaeontologica Polonica</i> , 0, , .	0.4	7
12	First post Cambrian records of the reticulosan sponges <i>Valospongia</i> and <i>Hintzespongia</i> from the late Tremadocian of North Wales. <i>Acta Palaeontologica Polonica</i> , 0, , .	0.4	0
13	Megascopic carbonaceous compression fossils from the Neoproterozoic Bhima Basin, Karnataka, South India. <i>Geological Society Special Publication</i> , 2012, 366, 277-293.	1.3	25
14	A Carboniferous Non-Onychophoran Lobopodian Reveals Long-Term Survival of a Cambrian Morphotype. <i>Current Biology</i> , 2012, 22, 1673-1675.	3.9	38
15	An annotated catalogue of the horseshoe crabs ( <i>Xiphosura</i> ) held in the Museum für Naturkunde Berlin. <i>Zoosystematics and Evolution</i> , 2012, 88, 215-222.	1.1	3
16	WIDESPREAD PYRITIZATION OF INSECTS IN THE EARLY CRETACEOUS JEHOL BIOTA. <i>Palaios</i> , 2012, 27, 707-711.	1.3	51
17	Preservation of soft tissues in an Ordovician linguloid brachiopod from China. <i>Acta Palaeontologica Polonica</i> , 0, , .	0.4	2
18	Preservational modes in the Ediacaran Gaojiashan Lagerstätte: Pyritization, aluminosilicification, and carbonaceous compression. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 326-328, 109-117.	2.3	108
19	Molecular phylogeny of extant horseshoe crabs ( <i>Xiphosura</i> , Limulidae) indicates Paleogene diversification of Asian species. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 21-26.	2.7	72

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20	Diverse middle Ordovician palaeoscolecidan worms from the Builthâ€¦Llandrindod Inlier of central Wales. <i>Palaeontology</i> , 2012, 55, 501-528.	2.2	18
21	Five hundred million years of extinction and recovery: a phanerozoic survey of largeâ€¦scale diversity patterns in fishes. <i>Palaeontology</i> , 2012, 55, 707-742.	2.2	170
22	Silurian horseshoe crab illuminates the evolution of arthropod limbs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15702-15705.	7.1	72
23	Palaeogeography and palaeoecology of early Floian (Early Ordovician) cephalopods from the Upper Fezouata Formation, Anti-Atlas, Morocco. <i>Fossil Record</i> , 2012, 15, 61-75.	0.5	28
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25	Effects of Random and Selective Mass Extinction on Community Composition in Communities of Digital Organisms. , 2012, , 43-64.		3
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28	TAPHONOMY OF THE UPPER EDIACARAN ENIGMATIC RIBBONLIKE FOSSIL SHAANXILITHES. <i>Palaios</i> , 2012, 27, 354-372.	1.3	78
29	RAMAN SPECTROSCOPIC INVESTIGATIONS OF BURGESS SHALE-TYPE PRESERVATION: A NEW WAY FORWARD. <i>Palaios</i> , 2012, 27, 288-292.	1.3	28
30	LAGERSTATTEN THROUGH TIME: A COLLECTION OF EXCEPTIONAL PRESERVATIONAL PATHWAYS FROM THE TERMINAL NEOPROTEROZOIC THROUGH TODAY. <i>Palaios</i> , 2012, 27, 275-278.	1.3	24
31	Spicule structure and affinities of the Late Ordovician hexactinellid-like sponge <i>Cyathophycus loydelli</i> from the Llanfawr Mudstones LagerstÄtte, Wales. <i>Lethaia</i> , 2013, 46, 454-469.	1.4	27
32	Revised systematics of Palaeozoic â€˜horseshoe crabsâ€™™ and the myth of monophyletic Xiphosura. <i>Zoological Journal of the Linnean Society</i> , 2013, 167, 1-27.	2.3	76
33	The role of abiotic factors in the Cambrian Substrate Revolution: A review from the benthic community replacements of West Gondwana. <i>Earth-Science Reviews</i> , 2013, 118, 69-82.	9.1	32
34	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.	6.0	26
35	Beyond the Burgess Shale: Cambrian microfossils track the rise and fall of hallucigeniid lobopodians. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131613.	2.6	43
36	Chapter 8 Cambrian, Ordovician and Silurian non-stromatoporoid Porifera. <i>Geological Society Memoir</i> , 2013, 38, 81-95.	1.7	16
37	The first aglaspidid <i>sensu stricto</i> from the Cambrian of China (Sandu Formation, Guangxi). <i>Geological Magazine</i> , 2013, 150, 565-571.	1.5	18
38	Occurrence of the Ordovician-type aglaspidid<i>Tremaglaspis</i> in the Cambrian Weeks Formation (Utah, USA). <i>Geological Magazine</i> , 2013, 150, 945-951.	1.5	23

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40	The First Discovery of <i>Marrella</i> (Arthropoda, Marrellomorpha) from the Balang Formation (Cambrian Series 2) in Hunan, China. Journal of Paleontology, 2013, 87, 391-394.	0.8	9
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43	Burgess Shale-type Preservation and its Distribution in Space and Time. The Paleontological Society Papers, 2014, 20, 123-146.	0.6	91
44	Konservat-LagerstÄtten 40 Years On: The Exceptional Becomes Mainstream. The Paleontological Society Papers, 2014, 20, 1-14.	0.6	5
45	Pyritization of Soft Tissues in the Fossil Record: An Overview. The Paleontological Society Papers, 2014, 20, 35-58.	0.6	16
47	The youngest ctenocystoids from the Upper Ordovician of the United Kingdom and the evolution of the bilateral body plan in echinoderms. Acta Palaeontologica Polonica, 0, , .	0.4	1
48	Inferring probabilistic miRNAâ€“mRNA interaction signatures in cancers: a role-switch approach. Nucleic Acids Research, 2014, 42, e76-e76.	14.5	55
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50	A unifying model for Neoproterozoicâ€“Palaeozoic exceptional fossil preservation through pyritization and carbonaceous compression. Nature Communications, 2014, 5, 5754.	12.8	120
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52	Birth and early evolution of metazoans. Gondwana Research, 2014, 25, 884-895.	6.0	99
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56	Paleontology: A New Burgess Shale Fauna. Current Biology, 2014, 24, R398-R400.	3.9	3
57	Modern Analogs for the Study of Eurypterid Paleobiology. Topics in Geobiology, 2014, , 73-88.	0.5	3

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58	A Paleozoic Stem Group to Mite Harvestmen Revealed through Integration of Phylogenetics and Development. <i>Current Biology</i> , 2014, 24, 1017-1023.	3.9	69
59	<i>Sanctacaris uncata</i> : the oldest chelicerate (Arthropoda). <i>Die Naturwissenschaften</i> , 2014, 101, 1065-1073.	1.6	59
60	SEDIMENT EFFECTS ON THE PRESERVATION OF BURGESS SHALE-TYPE COMPRESSION FOSSILS. <i>Palaios</i> , 2014, 29, 145-154.	1.3	78
61	Palaeoscolecidan worms and a possible nematode from the Early Ordovician of South China. <i>Palaeoworld</i> , 2014, 23, 15-24.	1.1	21
62	Bivalved arthropods from the Middle Ordovician Winneshiek Lagerstätte, Iowa, USA. <i>Journal of Paleontology</i> , 2015, 89, 991-1006.	0.8	20
63	An unusual euchelicerate linking horseshoe crabs and eurypterids, from the Lower Devonian (Lochkovian) of Yunnan, China. <i>Zoologica Scripta</i> , 2015, 44, 645-652.	1.7	36
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65	A late surviving xenopod (Arthropoda) from the Ordovician Period, Wales. <i>Geological Magazine</i> , 2015, 152, 942-948.	1.5	7
66	An unusual onychochilid mollusc from the Ordovician (Tremadocian) Fezouata Formation, Morocco. <i>Geobios</i> , 2015, 48, 427-438.	1.4	15
67	Book lung development in the embryo, postembryo and first instar of the cobweb spider, <i>Parasteatoda tepidariorum</i> C. L Koch, 1841 (Araneomorphae, Theridiidae). <i>Arthropod Structure and Development</i> , 2015, 44, 355-377.	1.4	5
68	The Fezouata fossils of Morocco; an extraordinary record of marine life in the Early Ordovician. <i>Journal of the Geological Society</i> , 2015, 172, 541-549.	2.1	121
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75	An outline of the distribution and diversity of Porifera in the Ordovician Builth Inlier (Wales, UK). <i>Palaeoworld</i> , 2015, 24, 176-190.	1.1	20

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76	The Great Ordovician Biodiversification Event: Reviewing two decades of research on diversity's big bang illustrated by mainly brachiopod data. <i>Palaeoworld</i> , 2015, 24, 75-85.	1.1	69
77	The Cambrian explosion. <i>Current Biology</i> , 2015, 25, R864-R868.	3.9	57
78	Micrometric detail in palaeoscolecid worms from Late Ordovician sandstones of the Tafilalt Konservat-Lagerstätte, Morocco. <i>Gondwana Research</i> , 2015, 28, 875-881.	6.0	25
79	A rare non-trilobite arthropod from the Cambrian (Cambrian) Konservat-Lagerstätte in Utah, USA. <i>Palaeontology</i> , 2015, 58, 265-276.	2.2	13
80	Telltale eyes: the lateral visual systems of Rhenish Lower Devonian eurypterids (Arthropoda). <i>Journal of Paleontology</i> , 2016, 90, 582-592.	2.2	24
81	Horseshoe crab phylogeny and independent colonizations of fresh water: ecological invasion as a driver for morphological innovation. <i>Palaeontology</i> , 2016, 59, 181-194.	2.2	88
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87	Palaeoscolecid worms from the Lower Ordovician Fezouata Lagerstätte, Morocco: Palaeoecological and palaeogeographical implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 460, 130-141.	2.3	25
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92	Furongian (upper Cambrian) Guole Konservat-Lagerstätte from South China. <i>Acta Geologica Sinica</i> , 2016, 90, 30-37.	1.4	30
93	Biostratigraphy and palaeoecology of Lower Ordovician graptolites from the Fezouata Shale (Moroccan Anti-Atlas). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 460, 35-49.	2.3	43
94	A new marrellid arthropod from the Ordovician of Wales. <i>Acta Palaeontologica Polonica</i> , 0, 61, .	0.4	2

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95	Biostratigraphic and palaeoenvironmental controls on the trilobite associations from the Lower Ordovician Fezouata Shale of the central Anti-Atlas, Morocco. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 460, 142-154.	2.3	40
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98	Fossil calibrations for the arthropod Tree of Life. <i>Earth-Science Reviews</i> , 2016, 160, 43-110.	9.1	168
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100	The bivalve fauna from the Fezouata Formation (Lower Ordovician) of Morocco and its significance for palaeobiogeography, palaeoecology and early diversification of bivalves. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 460, 155-169.	2.3	22
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103	Paleocommunity Analysis of the Burgess Shale Tulip Beds, Mount Stephen, British Columbia: Comparison with the Walcott Quarry and Implications for Community Variation in the Burgess Shale. <i>Paleobiology</i> , 2016, 42, 27-53.	2.0	23
104	First occurrence of the Ichnogenus Selenichnites from the Middle Jurassic Strata of the Skoura Syncline (Middle Atlas, Morocco); Palaeoecological and palaeoenvironmental context. <i>Comptes Rendus - Palevol</i> , 2016, 15, 461-471.	0.2	12
105	Survival of Burgess Shale-type animals in a Middle Ordovician deep-water setting. <i>Journal of the Geological Society</i> , 2016, 173, 628-633.	2.1	18
106	An acercostracan marrellomorph (Euarthropoda) from the Lower Ordovician of Morocco. <i>Die Naturwissenschaften</i> , 2016, 103, 21.	1.6	9
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108	The Fezouata Shale (Lower Ordovician, Anti-Atlas, Morocco): A historical review. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 460, 7-23.	2.3	29
109	The Lower Ordovician Fezouata Konservat-Lagerstätte from Morocco: Age, environment and evolutionary perspectives. <i>Gondwana Research</i> , 2016, 34, 274-283.	6.0	80
110	Digestive and appendicular soft-parts, with behavioural implications, in a large Ordovician trilobite from the Fezouata Lagerstätte, Morocco. <i>Scientific Reports</i> , 2017, 7, 39728.	3.3	23
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112	Flourishing Sponge-Based Ecosystems after the End-Ordovician Mass Extinction. <i>Current Biology</i> , 2017, 27, 556-562.	3.9	45

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113	A xandarellid artiopodan from Morocco – a middle Cambrian link between soft-bodied euarthropod communities in North Africa and South China. <i>Scientific Reports</i> , 2017, 7, 42616.	3.3	10
115	The first Ordovician cyclocystoid (Echinodermata) from Gondwana and its morphology, paleoecology, taphonomy, and paleogeography. <i>Journal of Paleontology</i> , 2017, 91, 735-754.	0.8	13
116	Exceptionally preserved fossil assemblages through geologic time and space. <i>Gondwana Research</i> , 2017, 48, 164-188.	6.0	112
117	Fentou Biota: A Llandovery (Silurian) Shallow-Water Exceptionally Preserved Biota from Wuhan, Central China. <i>Journal of Geology</i> , 2017, 125, 469-478.	1.4	13
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120	The Vicissicaudata revisited – insights from a new aglaspidid arthropod with caudal appendages from the Furongian of China. <i>Scientific Reports</i> , 2017, 7, 11117.	3.3	36
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122	The Cambrian revolutions: Trace-fossil record, timing, links and geobiological impact. <i>Earth-Science Reviews</i> , 2017, 173, 96-108.	9.1	82
123	<i>Limulitella tejraensis</i> , a new species of limulid (Chelicerata, Xiphosura) from the Middle Triassic of southern Tunisia (Saharan Platform). <i>Journal of Paleontology</i> , 2017, 91, 960-967.	0.8	16
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126	A wave-dominated, tide-modulated model for the Lower Ordovician of the Anti-Atlas, Morocco. <i>Sedimentology</i> , 2017, 64, 777-807.	3.1	37
127	A crustacean with eumalacostracan affinities from the Early Devonian Hunsrück Slate (SW Germany). <i>Papers in Palaeontology</i> , 2017, 3, 151-159.	1.5	3
128	Russia – UK Collaboration in Paleontology: Past, Present, and Future. <i>Paleontological Journal</i> , 2017, 51, 576-599.	0.5	5
129	The ontogeny of <i>Limulus polyphemus</i> (Xiphosura s. str., Euchelicerata) revised: looking under the skin. <i>Development Genes and Evolution</i> , 2018, 228, 49-61.	0.9	16
130	The early Paleozoic development of bioturbation – Evolutionary and geobiological consequences. <i>Earth-Science Reviews</i> , 2018, 178, 177-207.	9.1	51
131	A LATE ORDOVICIAN PLANKTIC ASSEMBLAGE WITH EXCEPTIONALLY PRESERVED SOFT-BODIED PROBLEMATICA FROM THE MARTINSBURG FORMATION, PENNSYLVANIA. <i>Palaios</i> , 2018, 33, 36-46.	1.3	4



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132	Morphology of diverse radiodontan head sclerites from the early Cambrian Chengjiang Lagerstätte, south-west China. <i>Journal of Systematic Palaeontology</i> , 2018, 16, 1-37.	1.5	23
133	Early sponge evolution: A review and phylogenetic framework. <i>Palaeoworld</i> , 2018, 27, 1-29.	1.1	82
134	Age calibration of the Lower Ordovician Fezouata Lagerstätte, Morocco. <i>Lethaia</i> , 2018, 51, 296-311.	1.4	35
135	Evolution of trilobite enrolment during the Great Ordovician Biodiversification Event: insights from kinematic modelling. <i>Lethaia</i> , 2018, 51, 207-217.	1.4	18
136	Soft-bodied Fossils Are Not Simply Rotten Carcasses – Toward a Holistic Understanding of Exceptional Fossil Preservation. <i>BioEssays</i> , 2018, 40, 1700167.	2.5	84
137	The gnathobasic spine microstructure of recent and Silurian chelicerates and the Cambrian arthropodan <i>Sidneyia</i> : Functional and evolutionary implications. <i>Arthropod Structure and Development</i> , 2018, 47, 12-24.	1.4	50
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