

End-Devonian extinction and a bottleneck in the early e vertebrates

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Woodland Hypothesis for Devonian Tetrapod Evolution. <i>Journal of Geology</i> , 2011, 119, 235-258.	1.4	28
2	Initial radiation of jaws demonstrated stability despite faunal and environmental change. <i>Nature</i> , 2011, 476, 206-209.	27.8	116
3	Paleoecologic Megatrends in Marine Metazoa. <i>Annual Review of Earth and Planetary Sciences</i> , 2011, 39, 241-269.	11.0	99
4	A carbon isotopic and sedimentological record of the latest Devonian (Famennian) from the Western U.S. and Germany. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 306, 147-159.	2.3	34
5	Resetting the evolution of marine reptiles at the Triassic-Jurassic boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8339-8344.	7.1	100
6	The Miguasha Fossil-Fish-Lagerstätte: a consequence of the Devonian land-sea interactions. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2011, 91, 293-323.	1.5	20
7	Behavioral evidence for the evolution of walking and bounding before terrestriality in sarcopterygian fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21146-21151.	7.1	89
8	Persistent predator-prey dynamics revealed by mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8335-8338.	7.1	91
9	Expansion of Voltage-dependent Na ⁺ Channel Gene Family in Early Tetrapods Coincided with the Emergence of Terrestriality and Increased Brain Complexity. <i>Molecular Biology and Evolution</i> , 2011, 28, 1415-1424.	8.9	47
10	Heads or tails: staged diversification in vertebrate evolutionary radiations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2025-2032.	2.6	74
11	Geology, Paleoclimatology and the Evolution of the Kidney: Some Explorations into the Legacy of Homer Smith. <i>Blood Purification</i> , 2012, 33, 263-274.	1.8	7
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13	First tooth-set outside the jaws in a vertebrate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 775-779.	2.6	16
14	Deciphering the upper Famennian Hangenberg Black Shale depositional environments based on multi-proxy record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 346-347, 66-86.	2.3	108
15	Five hundred million years of extinction and recovery: a phanerozoic survey of large-scale diversity patterns in fishes. <i>Palaeontology</i> , 2012, 55, 707-742.	2.2	170
16	Earliest Carboniferous tetrapod and arthropod faunas from Scotland populate Romer's Gap. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4532-4537.	7.1	78
17	Styracopterid (Actinopterygii) ontogeny and the multiple origins of post-Hangenberg deep-bodied fishes. <i>Zoological Journal of the Linnean Society</i> , 2013, 169, 156-199.	2.3	29
18	Mass Extinctions, Notable Examples of. , 2013, , 167-177.		1

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19	Latest Devonian (Famennian) global events in western Laurentia: Variations in the carbon isotopic record linked to diagenetic alteration below regionally extensive unconformities. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 194-209.	2.3	26
20	A new ecological-severity ranking of major Phanerozoic biodiversity crises. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 370, 260-270.	2.3	201
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24	An Exceptionally Preserved Transitional Lungfish from the Lower Permian of Nebraska, USA, and the Origin of Modern Lungfishes. <i>PLoS ONE</i> , 2014, 9, e108542.	2.5	16
25	High-precision U–Pb age and duration of the latest Devonian (Famennian) Hangenberg event, and its implications. <i>Terra Nova</i> , 2014, 26, 222-229.	2.1	69
26	The Earliest Jawed Vertebrates, the Gnathostomes. , 2014, , 33-58.		0
27	<i>Chondrenchelys problematica</i> (Traquair, 1888) redescribed: a Lower Carboniferous, eel-like holocephalan from Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2014, 105, 35-59.	0.3	21
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32	Trends in shell fragmentation as evidence of mid-Paleozoic changes in marine predation. <i>Paleobiology</i> , 2014, 40, 14-23.	2.0	39
33	Temporal trends of predation resistance in Paleozoic crinoid arm branching morphologies. <i>Paleobiology</i> , 2014, 40, 417-427.	2.0	14
34	Unsuspected functional disparity in Devonian fishes revealed by tooth morphometrics?. <i>Die Naturwissenschaften</i> , 2014, 101, 735-743.	1.6	5
35	Paleogeographical and paleoecological constraints on paleozoic vertebrates (chondrichthyans and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61-67.	2.3	5
36	Testing for escalation in Lower Mississippian camerate crinoids. <i>Paleobiology</i> , 2015, 41, 89-107.	2.0	8

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37	Zoophycos macroevolution since 541 Ma. <i>Scientific Reports</i> , 2015, 5, 14954.	3.3	31
38	Fossil juvenile coelacanths from the Devonian of South Africa shed light on the order of character acquisition in actinistians. <i>Zoological Journal of the Linnean Society</i> , 2015, 175, 360-383.	2.3	21
39	Vertebrate biodiversity losses point to a sixth mass extinction. <i>Biodiversity and Conservation</i> , 2015, 24, 2497-2519.	2.6	95
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43	Revised correlation of the Frasnian-Famennian boundary and Kellwasser Events (Upper Devonian) in shallow marine paleoenvironments of New York State. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 433, 233-246.	2.3	17
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46	Species Richness at Continental Scales Is Dominated by Ecological Limits. <i>American Naturalist</i> , 2015, 185, 572-583.	2.1	227
47	High-latitude Chondrichthyans from the Late Devonian (Famennian) Witpoort formation of South Africa. <i>Palaontologische Zeitschrift</i> , 2015, 89, 147-169.	1.6	11
48	Early seed plants from Western Gondwana: Paleobiogeographical and ecological implications based on Tournaisian (Lower Carboniferous) records from Argentina. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 417, 210-219.	2.3	18
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50	Greenhouse to icehouse: a biostratigraphic review of latest Devonian-Mississippian glaciations and their global effects. <i>Geological Society Special Publication</i> , 2016, 423, 439-464.	1.3	51
51	Vertebrate Biostratigraphy of the Witteberg Group and the Devonian-Carboniferous Boundary in South Africa. <i>Regional Geology Reviews</i> , 2016, , 131-140.	1.2	9
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54	Palaeospondylus as a primitive hagfish. <i>Zoological Letters</i> , 2016, 2, 20.	1.3	15

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55	Permian–Triassic Oceanic Steichthyes (bony fishes): diversity dynamics and body size evolution. <i>Biological Reviews</i> , 2016, 91, 106-147.	10.4	88
56	The global Hangenberg Crisis (Devonian–Carboniferous transition): review of a first-order mass extinction. <i>Geological Society Special Publication</i> , 2016, 423, 387-437.	1.3	112
57	Lungfish diversity in Romer's Gap: reaction to the end-Devonian extinction. <i>Palaeontology</i> , 2016, 59, 29-44.	2.2	30
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67	A Crassigyrinus-like jaw from the Tournaisian (Early Mississippian) of Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2017, 108, 37-46.	0.3	6
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70	ACTH, Melanocortin Receptors, and MRAP Accessory Proteins. , 2017, , 38-47.		0
71	Evaluating the interactions between red stingray (<i>Dasyatis akajei</i>) melanocortin receptors and elephant shark (<i>Callorhynchus milii</i>) MRAP1 and MRAP2 following stimulation with either stingray ACTH(1-24) or stingray Des-Acetyl- \pm MSH: A pharmacological study in Chinese Hamster Ovary cells. <i>General and Comparative Endocrinology</i> . 2018. 265. 133-140.	1.8	21
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75	An interim global bioregionalisation of Devonian areas. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2018, 98, 527-547.	1.5	10
76	Spinosity, regeneration, and targeting among Paleozoic crinoids and their predators. <i>Paleobiology</i> , 2018, 44, 290-305.	2.0	10
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78	Biological hierarchies and the nature of extinction. <i>Biological Reviews</i> , 2018, 93, 811-826.	10.4	20
79	Reinterpreting the age of the uppermost 'Old Red Sandstone' and Early Carboniferous in Scotland. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2018, 109, 265-278.	0.3	9
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91	Newly recognized Famennian lungfishes from East Greenland reveal tooth plate diversity and blur the Devonian-Carboniferous boundary. <i>Papers in Palaeontology</i> , 2019, 5, 261-279.	1.5	10
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95	Regurgitated ammonoid remains from the latest Devonian of Morocco. <i>Swiss Journal of Palaeontology</i> , 2019, 138, 87-97.	1.7	12
96	Evolution and development of the fish jaw skeleton. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2019, 8, e337.	5.9	14
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98	Phylogenetic analysis of the Archaeocidaridae and Palaeozoic Miocidaridae (Echinodermata). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 582 T</i>	1.5	8
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107	<i>Tanyrhynchichthys mcallisteri</i> , a long-rostrumed Pennsylvanian ray-finned fish (Actinopterygii) and the simultaneous appearance of novel ecomorphologies in Late Palaeozoic fishes. <i>Zoological Journal of the Linnean Society</i> , 2020, , .	2.3	1
108	Large environmental disturbances caused by magmatic activity during the Late Devonian Hangenberg Crisis. <i>Global and Planetary Change</i> , 2020, 190, 103155.	3.5	29
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111	Volcanic related methylmercury poisoning as the possible driver of the end-Devonian Mass Extinction. <i>Scientific Reports</i> , 2020, 10, 7344.	3.3	21

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112	The Devonian-Carboniferous boundary in the United States. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2021, 101, 529-540.	1.5	17
113	The holotype of <i>Psephodus minutus</i> , Wellburn, 1901 (chondrichthyes, coelodontiformes) is a gastropod steinkern. <i>Proceedings of the Yorkshire Geological Society</i> , 2021, 63, pygs2020-004.	0.3	1
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116	Phylogenetic status and historical origins of the oviparous and viviparous gyroductylids (Monogenoidea, Gyroductylidea). <i>Zoologica Scripta</i> , 2021, 50, 112-124.	1.7	14
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131	Giant Mesozoic coelacanths (Osteichthyes, Actinistia) reveal high body size disparity decoupled from taxic diversity. <i>Scientific Reports</i> , 2021, 11, 11812.	3.3	10
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142	A Tournaisian (earliest Carboniferous) conglomerate-preserved non-marine faunal assemblage and its environmental and sedimentological context. <i>PeerJ</i> , 2019, 6, e5972.	2.0	13
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