

Stephen Pates

List of Publications by Year in descending order

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papers

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686830

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#	ARTICLE	IF	CITATIONS
1	Cambrian carnage: Trilobite predator-prey interactions in the Emu Bay Shale of South Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 591, 110877.	1.0	13
2	New opabiniid diversifies the weirdest wonders of the euarthropod stem group. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212093.	1.2	10
3	Addressing the Chengjiang conundrum: A palaeoecological view on the rarity of hurdiid radiodonts in this most diverse early Cambrian Lagerst�tte. <i>Geoscience Frontiers</i> , 2022, 13, 101430.	4.3	4
4	Systematics, preservation and biogeography of radiodonts from the southern Great Basin, <sc>USA</sc>, during the upper Dyeran (Cambrian Series 2, Stage 4). <i>Papers in Palaeontology</i> , 2021, 7, 235-262.	0.7	22
5	The diverse radiodont fauna from the Marjum Formation of Utah, USA (Cambrian: Drumian). <i>PeerJ</i> , 2021, 9, e10509.	0.9	16
6	Vertically migrating <i>Isoxys</i> and the early Cambrian biological pump. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210464.	1.2	9
7	New multipodomerous appendages of stem-group euarthropods from the Cambrian (Stage 4) Guanshan Konservat-Lagerst�tte. <i>Royal Society Open Science</i> , 2021, 8, 211134.	1.1	4
8	Pictorial Atlas of Fossil and Extant Horseshoe Crabs, With Focus on Xiphosurida. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	27
9	A miniature Ordovician hurdiid from Wales demonstrates the adaptability of Radiodonta. <i>Royal Society Open Science</i> , 2020, 7, 200459.	1.1	12
10	New exceptionally preserved panarthropods from the Drumian Wheeler Konservat�Lagerst�tte of the House Range of Utah. <i>Papers in Palaeontology</i> , 2020, 6, 501-531.	0.7	32
11	Exploring abnormal Cambrian-aged trilobites in the Smithsonian collection. <i>PeerJ</i> , 2020, 8, e8453.	0.9	18
12	The Kinzers Formation (Pennsylvania, USA): the most diverse assemblage of Cambrian Stage 4 radiodonts. <i>Geological Magazine</i> , 2019, 156, 1233-1246.	0.9	28
13	A new radiodont (stem Euarthropoda) frontal appendage with a mosaic of characters from the Cambrian (Series 2 Stage 3) Chengjiang biota. <i>Papers in Palaeontology</i> , 2019, 5, 99-110.	0.7	26
14	First report of paired ventral endites in a hurdiid radiodont. <i>Zoological Letters</i> , 2019, 5, 18.	0.7	18
15	Xiphosurid from the Tournaisian (Carboniferous) of Scotland confirms deep origin of Limuloidea. <i>Scientific Reports</i> , 2019, 9, 17102.	1.6	19
16	Proclivity of nervous system preservation in Cambrian Burgess Shale-type deposits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192370.	1.2	18
17	Elongated thoracic spines as potential predatory deterrents in olenelline trilobites from the lower Cambrian of Nevada. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 295-306.	1.0	23
18	Abnormal Extant Xiphosurids in the Yale Peabody Museum Invertebrate Zoology Collection. <i>Bulletin of the Peabody Museum of Natural History</i> , 2019, 60, 41.	0.6	13

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19	Hurdiid radiodontans from the middle Cambrian (Series 3) of Utah. <i>Journal of Paleontology</i> , 2018, 92, 99-113.	0.5	26
20	New radiodonts with gnathobase-like structures from the Cambrian Chengjiang biota and implications for the systematics of Radiodonta. <i>Papers in Palaeontology</i> , 2018, 4, 605-621.	0.7	43
21	New suspension-feeding radiodont suggests evolution of microplanktivory in Cambrian macronekton. <i>Nature Communications</i> , 2018, 9, 3774.	5.8	55
22	Early fossil record of Euarthropoda and the Cambrian Explosion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5323-5331.	3.3	88
23	<i>Caryosyntrips</i> : a radiodontan from the Cambrian of Spain, USA and Canada. <i>Papers in Palaeontology</i> , 2017, 3, 461-470.	0.7	24
24	A restudy of <i>Utahcaris orion</i> (Euarthropoda) from the Spence Shale (Middle Cambrian, Utah). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	0.9	10
25	QUANTITATIVE ANALYSIS OF REPAIRED AND UNREPAIRED DAMAGE TO TRILOBITES FROM THE CAMBRIAN (STAGE 4, DRUMIAN) IBERIAN CHAINS, NE SPAIN. <i>Palaios</i> , 2017, 32, 750-761.	0.6	18
26	The endemic radiodonts of the Cambrian Stage 4 Guanshan biota of South China. <i>Acta Palaeontologica Polonica</i> , 0, 66, .	0.4	10
27	Abnormal xiphosurids, with possible application to Cambrian trilobites. <i>Palaeontologia Electronica</i> , 0, , .	0.9	10
28	<i>Aysheaia prolata</i> from the Wheeler Formation (Cambrian, Drumian) is a frontal appendage of the radiodontan <i>Stanleycaris</i> . <i>Acta Palaeontologica Polonica</i> , 0, 62, .	0.4	13
29	Response to Comment on "Aysheaia prolata from the Utah Wheeler Formation (Drumian, Cambrian) is a frontal appendage of the radiodontan <i>Stanleycaris</i> " with the formal description of <i>Stanleycaris</i> . <i>Acta Palaeontologica Polonica</i> , 0, 63, .	0.4	13