

Pei-yun Cong

List of Publications by Year in descending order

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27
papers

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840585

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all docs

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docs citations

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times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain structure resolves the segmental affinity of anomalocaridid appendages. <i>Nature</i> , 2014, 513, 538-542.	13.7	136
2	Arthropod eyes: The early Cambrian fossil record and divergent evolution of visual systems. <i>Arthropod Structure and Development</i> , 2016, 45, 152-172.	0.8	64
3	Cambrian Sessile, Suspension Feeding Stem-Group Ctenophores and Evolution of the Comb Jelly Body Plan. <i>Current Biology</i> , 2019, 29, 1112-1125.e2.	1.8	58
4	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
5	The functional head of the Cambrian radiodontan (stem-group Euarthropoda) <i>Amplectobelua symbrachiata</i> . <i>BMC Evolutionary Biology</i> , 2017, 17, 208.	3.2	41
6	An exceptionally preserved arthropod cardiovascular system from the early Cambrian. <i>Nature Communications</i> , 2014, 5, 3560.	5.8	39
7	Morphology of the radiodontan <i>Lyrarapax</i> from the early Cambrian Chengjiang biota. <i>Journal of Paleontology</i> , 2016, 90, 663-671.	0.5	32
8	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
9	Host-specific infestation in early Cambrian worms. <i>Nature Ecology and Evolution</i> , 2017, 1, 1465-1469.	3.4	24
10	Systematics, preservation and biogeography of radiodonts from the southern Great Basin, USA, during the upper Dyeran (Cambrian Series 2, Stage 4). <i>Papers in Palaeontology</i> , 2021, 7, 235-262.	0.7	22
11	Phylochronology of early metazoans: combined evidence from molecular and fossil data. <i>Geological Journal</i> , 2007, 42, 281-295.	0.6	13
12	New data on the palaeobiology of the enigmatic yunnanozoans from the Cambrian Chengjiang Lagerstätte, China. <i>Palaeontology</i> , 2015, 58, 45-70.	1.0	12
13	Fossil plant evidence for Early and Middle Jurassic paleoenvironmental changes in Lanzhou area, Northwest China. <i>Palaeoworld</i> , 2008, 17, 215-221.	0.5	11
14	Monophyly of the ring-forming group in Diplopoda (Myriapoda, Arthropoda) based on SSU and LSU ribosomal RNA sequences. <i>Progress in Natural Science: Materials International</i> , 2009, 19, 1297-1303.	1.8	10
15	A new species of the arthropodan arthropod <i>Acanthomeridion</i> from the lower Cambrian Chengjiang Lagerstätte, China, and the phylogenetic significance of the genus. <i>Journal of Systematic Palaeontology</i> , 2017, 15, 733-740.	0.6	8
16	Naked cancelloriids from the lower Cambrian of China show evidence for sponge-type growth. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180296.	1.2	8
17	Cong et al. reply. <i>Nature</i> , 2014, 516, E3-E4.	13.7	7
18	New observations on morphological variation of genus <i>Vetulicola</i> with quadrate carapace from the Cambrian Chengjiang and Guanshan biotas, South China. <i>Palaeoworld</i> , 2015, 24, 36-45.	0.5	5

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19	Telson morphology of Leanchoilidae (Arthropoda: Megacheira) highlighted by a new <i>Leanchoilia</i> from the Cambrian Chengjiang biota. <i>Alcheringa</i> , 2017, 41, 581-589.	0.5	5
20	Symbiotic fouling of <i>Vetulicola</i> , an early Cambrian nektonic animal. <i>Communications Biology</i> , 2020, 3, 517.	2.0	5
21	New occurrence of the Guanshan Lagerstätte (Cambrian Series 2, Stage 4) in the Kunming area, Yunnan, southwest China, with records of new taxa. <i>Alcheringa</i> , 2020, 44, 343-355.	0.5	5
22	New vauxiid sponges from the Chengjiang Biota and their evolutionary significance. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	5
23	The enigmatic metazoan <i>Yuyuanozoon magnificissimi</i> from the early Cambrian Chengjiang Biota, Yunnan Province, South China. <i>Journal of Paleontology</i> , 2018, 92, 1081-1091.	0.5	4
24	A new xandarellid euarthropod from the Cambrian Chengjiang biota, Yunnan Province, China. <i>Geological Magazine</i> , 2019, 156, 1375-1384.	0.9	4
25	An early Cambrian mackenziid reveals links to modular Ediacaran macroorganisms. <i>Papers in Palaeontology</i> , 2022, 8, .	0.7	3
26	The spectacular fossils of the "water margin": the Cambrian biota of Chengjiang, Yunnan, China. <i>Geology Today</i> , 2016, 32, 233-237.	0.3	1
27	A new eocrinoid from the Guanshan Biota (Cambrian Series 2, Stage 4), with implication of the development of different attachment modes in early Cambrian. <i>Palaeoworld</i> , 2021, , .	0.5	1