

Xian-Guang Hou

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,559
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331538

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615
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#	ARTICLE	IF	CITATIONS
1	An early Cambrian mackenziid reveals links to modular Ediacaran macroorganisms. <i>Papers in Palaeontology</i> , 2022, 8, .	0.7	3
2	Moving legs: A workflow on how to generate a flexible endopod of the 518 million-year-old Chengjiang arthropod <i>Ercaicunia multinodosa</i> using 3D kinematics (Cambrian, China). <i>Microscopy Research and Technique</i> , 2021, 84, 695-704.	1.2	8
3	New vauxiid sponges from the Chengjiang Biota and their evolutionary significance. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	5
4	A new species of the Cambrian bivalved euarthropod <i>Pectocaris</i> with axially differentiated enditic armatures. <i>Papers in Palaeontology</i> , 2021, 7, 1781.	0.7	7
5	Intraspecific variation in the Cambrian: new observations on the morphology of the Chengjiang euarthropod <i>Sinoburius lunaris</i> . <i>Bmc Ecology and Evolution</i> , 2021, 21, 127.	0.7	2
6	Exites in Cambrian arthropods and homology of arthropod limb branches. <i>Nature Communications</i> , 2021, 12, 4619.	5.8	13
7	A Reduced Labrum in a Cambrian Great-Appendage Euarthropod. <i>Current Biology</i> , 2020, 30, 3057-3061.e2.	1.8	32
8	Ancestral morphology of Ecdysozoa constrained by an early Cambrian stem group ecdysozoan. <i>BMC Evolutionary Biology</i> , 2020, 20, 156.	3.2	12
9	Computed tomography sheds new light on the affinities of the enigmatic euarthropod <i>Jianshania furcatus</i> from the early Cambrian Chengjiang biota. <i>BMC Evolutionary Biology</i> , 2020, 20, 62.	3.2	10
10	A Cambrian crown annelid reconciles phylogenomics and the fossil record. <i>Nature</i> , 2020, 583, 249-252.	13.7	30
11	A Tube-Dwelling Early Cambrian Lobopodian. <i>Current Biology</i> , 2020, 30, 1529-1536.e2.	1.8	16
12	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
13	The appendicular morphology of <i>Sinoburius lunaris</i> and the evolution of the arthropod clade Xandarellida (Euarthropoda, early Cambrian) from South China. <i>BMC Evolutionary Biology</i> , 2019, 19, 165.	3.2	25
14	Variation in appendages in early Cambrian bradoriids reveals a wide range of body plans in stem-euarthropods. <i>Communications Biology</i> , 2019, 2, 329.	2.0	17
15	Fine-scale appendage structure of the Cambrian trilobitomorph <i>Naraoia spinosa</i> and its ontogenetic and ecological implications. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192371.	1.2	22
16	Three-Dimensionally Preserved Appendages in an Early Cambrian Stem-Group Pancrustacean. <i>Current Biology</i> , 2019, 29, 171-177.e1.	1.8	46
17	A new xandarellid euarthropod from the Cambrian Chengjiang biota, Yunnan Province, China. <i>Geological Magazine</i> , 2019, 156, 1375-1384.	0.9	4
18	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

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19	A redescription of <i>Liangwangshania biloba</i> Chen, 2005, from the Chengjiang biota (Cambrian, China), with a discussion of possible sexual dimorphism in fuxianhuiid arthropods. <i>Arthropod Structure and Development</i> , 2018, 47, 552-561.	0.8	5
20	Influence of redox conditions on animal distribution and soft-bodied fossil preservation of the Lower Cambrian Chengjiang Biota. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 507, 180-187.	1.0	17
21	Naked chancelloriids 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
22	Telson morphology of <i>Leanchoilidae</i> (Arthropoda: Megacheira) highlighted by a new <i>Leanchoilia</i> from the Cambrian Chengjiang biota. <i>Alcheringa</i> , 2017, 41, 581-589.	0.5	5
23	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
24	Three-dimensionally preserved minute larva of a great-appendage arthropod from the early Cambrian Chengjiang biota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5542-5546.	3.3	40
25	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
26	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
27	Preservational Pathways of Corresponding Brains of a Cambrian Euarthropod. <i>Current Biology</i> , 2015, 25, 2969-2975.	1.8	51
28	New articulated protospongiid sponges from the early Cambrian Chengjiang biota. <i>Palaeoworld</i> , 2015, 24, 46-54.	0.5	5
29	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
30	New data on the palaeobiology of the enigmatic yunnanozoans from the Cambrian Chengjiang Lagerstätte. <i>Palaeontology</i> , 2015, 58, 45-70.	1.0	12
31	A New Exceptionally Preserved Cambrian Priapulid from the Chengjiang Lagerstätte. <i>Journal of Paleontology</i> , 2014, 88, 371-384.	0.5	27
32	Brain structure resolves the segmental affinity of anomalocaridid appendages. <i>Nature</i> , 2014, 513, 538-542.	13.7	136
33	A 520 million-year-old chelicerate larva. <i>Nature Communications</i> , 2014, 5, 4440.	5.8	24
34	A chancelloriid-like metazoan from the early Cambrian Chengjiang Lagerstätte, China. <i>Scientific Reports</i> , 2014, 4, 7340.	1.6	9
35	Chelicerate neural ground pattern in a Cambrian great appendage arthropod. <i>Nature</i> , 2013, 502, 364-367.	13.7	123
36	Morphology of Cambrian lobopodian eyes from the Chengjiang Lagerstätte and their evolutionary significance. <i>Arthropod Structure and Development</i> , 2012, 41, 495-504.	0.8	15

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37	Complex brain and optic lobes in an early Cambrian arthropod. <i>Nature</i> , 2012, 490, 258-261.	13.7	168
38	Phylogeny and evolutionary significance of vermiform animals from the Early Cambrian Chengjiang Lagerstätte. <i>Science China Earth Sciences</i> , 2010, 53, 1774-1783.	2.3	15
39	Soft-part anatomy of the Early Cambrian bivalved arthropods <i>Kunyangella</i> and <i>Kunmingella</i> : significance for the phylogenetic relationships of Bradoriida. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1835-1841.	1.2	39
40	Morphology of <i>Luolishania longicuris</i> (Lower Cambrian, Chengjiang Lagerstätte, SW China) and the phylogenetic relationships within lobopodians. <i>Arthropod Structure and Development</i> , 2009, 38, 271-291.	0.8	47
41	Collective Behavior in an Early Cambrian Arthropod. <i>Science</i> , 2008, 322, 224-224.	6.0	31
42	Gut contents and feeding in the Cambrian arthropod <i>Naraoia</i> . <i>Gff</i> , 2007, 129, 71-76.	0.4	22
43	Chengjiang arthropod <i>Leanchoilia illecebrosa</i> (Hou, 1987) reconsidered. <i>Gff</i> , 2007, 129, 263-272.	0.4	40
44	The lobopodian <i>Paucipodia inermis</i> from the Lower Cambrian Chengjiang fauna, Yunnan, China. <i>Lethaia</i> , 2004, 37, 235-244.	0.6	34
45	THE LOWER CAMBRIAN CRUSTACEAN PECTOCARIS FROM THE CHENGJIANG BIOTA, YUNNAN, CHINA. <i>Journal of Paleontology</i> , 2004, 78, 700-708.	0.5	21
46	Cambrian lobopodians-ancestors of extant onychophorans?. <i>Zoological Journal of the Linnean Society</i> , 1995, 114, 3-19.	1.0	90