Xian-Guang Hou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7484416/publications.pdf

Version: 2024-02-01

46	1,559	331538	345118
papers	citations	21 h-index	36 g-index

49	49	49	615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complex brain and optic lobes in an early Cambrian arthropod. Nature, 2012, 490, 258-261.	13.7	168
2	Brain structure resolves the segmental affinity of anomalocaridid appendages. Nature, 2014, 513, 538-542.	13.7	136
3	Chelicerate neural ground pattern in a Cambrian great appendage arthropod. Nature, 2013, 502, 364-367.	13.7	123
4	Cambrian lobopodians-ancestors of extant onychophorans?. Zoological Journal of the Linnean Society, 1995, 114, 3-19.	1.0	90
5	Arthropod eyes: The early Cambrian fossil record and divergent evolution of visual systems. Arthropod Structure and Development, 2016, 45, 152-172.	0.8	64
6	Preservational Pathways of Corresponding Brains of a Cambrian Euarthropod. Current Biology, 2015, 25, 2969-2975.	1.8	51
7	Morphology of Luolishania longicruris (Lower Cambrian, Chengjiang LagerstÃtte, SW China) and the phylogenetic relationships within lobopodians. Arthropod Structure and Development, 2009, 38, 271-291.	0.8	47
8	Three-Dimensionally Preserved Appendages in an Early Cambrian Stem-Group Pancrustacean. Current Biology, 2019, 29, 171-177.e1.	1.8	46
9	New radiodonts with gnathobaseâ€like structures from the Cambrian Chengjiang biota and implications for the systematics of Radiodonta. Papers in Palaeontology, 2018, 4, 605-621.	0.7	43
10	The functional head of the Cambrian radiodontan (stem-group Euarthropoda) Amplectobelua symbrachiata. BMC Evolutionary Biology, 2017, 17, 208.	3.2	41
11	Chengjiang arthropodLeanchoilia illecebrosa(Hou, 1987) reconsidered. Gff, 2007, 129, 263-272.	0.4	40
12	Three-dimensionally preserved minute larva of a great-appendage arthropod from the early Cambrian Chengjiang biota. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5542-5546.	3.3	40
13	Soft-part anatomy of the Early Cambrian bivalved arthropodsKunyangellaandKunmingella: significance for the phylogenetic relationships of Bradoriida. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1835-1841.	1.2	39
14	The lobopodian Paucipodia inermis from the Lower Cambrian Chengjiang fauna, Yunnan, China. Lethaia, 2004, 37, 235-244.	0.6	34
15	Morphology of the radiodontan Lyrarapax from the early Cambrian Chengjiang biota. Journal of Paleontology, 2016, 90, 663-671.	0.5	32
16	A Reduced Labrum in a Cambrian Great-Appendage Euarthropod. Current Biology, 2020, 30, 3057-3061.e2.	1.8	32
17	Collective Behavior in an Early Cambrian Arthropod. Science, 2008, 322, 224-224.	6.0	31
18	A Cambrian crown annelid reconciles phylogenomics and the fossil record. Nature, 2020, 583, 249-252.	13.7	30

#	Article	IF	Citations
19	A New Exceptionally Preserved Cambrian Priapulid from the Chengjiang LagerstÃtte. Journal of Paleontology, 2014, 88, 371-384.	0.5	27
20	A new radiodont (stem Euarthropoda) frontal appendage with a mosaic of characters from the Cambrian (Series 2 Stage 3) Chengjiang biota. Papers in Palaeontology, 2019, 5, 99-110.	0.7	26
21	The appendicular morphology of Sinoburius lunaris and the evolution of the artiopodan clade Xandarellida (Euarthropoda, early Cambrian) from South China. BMC Evolutionary Biology, 2019, 19, 165.	3.2	25
22	A 520 million-year-old chelicerate larva. Nature Communications, 2014, 5, 4440.	5.8	24
23	Gut contents and feeding in the Cambrian arthropodNaraoia. Gff, 2007, 129, 71-76.	0.4	22
24	Fine-scale appendage structure of the Cambrian trilobitomorphNaraoia spinosaand its ontogenetic and ecological implications. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192371.	1.2	22
25	THE LOWER CAMBRIAN CRUSTACEAN PECTOCARIS FROM THE CHENGJIANG BIOTA, YUNNAN, CHINA. Journal of Paleontology, 2004, 78, 700-708.	0.5	21
26	Influence of redox conditions on animal distribution and soft-bodied fossil preservation of the Lower Cambrian Chengjiang Biota. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 507, 180-187.	1.0	17
27	Variation in appendages in early Cambrian bradoriids reveals a wide range of body plans in stem-euarthropods. Communications Biology, 2019, 2, 329.	2.0	17
28	A Tube-Dwelling Early Cambrian Lobopodian. Current Biology, 2020, 30, 1529-1536.e2.	1.8	16
29	Phylogeny and evolutionary significance of vermiform animals from the Early Cambrian Chengjiang LagerstÃtte. Science China Earth Sciences, 2010, 53, 1774-1783.	2.3	15
30	Morphology of Cambrian lobopodian eyes from the Chengjiang LagerstÃtte and their evolutionary significance. Arthropod Structure and Development, 2012, 41, 495-504.	0.8	15
31	Exites in Cambrian arthropods and homology of arthropod limb branches. Nature Communications, 2021, 12, 4619.	5.8	13
32	New data on the palaeobiology of the enigmatic yunnanozoans from the <scp>C</scp>hengjiang <scp>B</scp>iota, <scp>L</scp>ower <scp>C</scp>ambrian, <scp>C</scp>hina. Palaeontology, 2015, 58, 45-70.	1.0	12
33	Ancestral morphology of Ecdysozoa constrained by an early Cambrian stem group ecdysozoan. BMC Evolutionary Biology, 2020, 20, 156.	3.2	12
34	Computed tomography sheds new light on the affinities of the enigmatic euarthropod Jianshania furcatus from the early Cambrian Chengjiang biota. BMC Evolutionary Biology, 2020, 20, 62.	3.2	10
35	A chancelloriid-like metazoan from the early Cambrian Chengjiang LagerstÃtte, China. Scientific Reports, 2014, 4, 7340.	1.6	9
36	Naked chancelloriids from the lower Cambrian of China show evidence for sponge-type growth. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180296.	1.2	8

#	Article	IF	Citations
37	Moving legs: A workflow on how to generate a flexible endopod of the 518 millionâ€yearâ€old Chengjiang arthropod Ercaicunia multinodosa using <scp>3D</scp>â€kinematics (Cambrian, China). Microscopy Research and Technique, 2021, 84, 695-704.	1.2	8
38	A new species of the Cambrian bivalved euarthropod Pectocaris with axially differentiated enditic armatures. Papers in Palaeontology, 2021, 7, 1781.	0.7	7
39	New articulated protospongiid sponges from the early Cambrian Chengjiang biota. Palaeoworld, 2015, 24, 46-54.	0.5	5
40	New observations on morphological variation of genus Vetulicola with quadrate carapace from the Cambrian Chengjiang and Guanshan biotas, South China. Palaeoworld, 2015, 24, 36-45.	0.5	5
41	Telson morphology of Leanchoiliidae (Arthropoda: Megacheira) highlighted by a newLeanchoiliafrom the Cambrian Chengjiang biota. Alcheringa, 2017, 41, 581-589.	0.5	5
42	A redescription of Liangwangshania biloba Chen, 2005, from the Chengjiang biota (Cambrian, China), with a discussion of possible sexual dimorphism in fuxianhuiid arthropods. Arthropod Structure and Development, 2018, 47, 552-561.	0.8	5
43	New vauxiid sponges from the Chengjiang Biota and their evolutionary significance. Journal of the Geological Society, 2021, 178, .	0.9	5
44	A new xandarellid euarthropod from the Cambrian Chengjiang biota, Yunnan Province, China. Geological Magazine, 2019, 156, 1375-1384.	0.9	4
45	An early Cambrian mackenziid reveals links to modular Ediacaran macroâ€organisms. Papers in Palaeontology, 2022, 8, .	0.7	3
46	Intraspecific variation in the Cambrian: new observations on the morphology of the Chengjiang euarthropod Sinoburius lunaris. Bmc Ecology and Evolution, 2021, 21, 127.	0.7	2