

Maoyan Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1114253/publications.pdf>

Version: 2024-02-01

134
papers

8,749
citations

36303

51
h-index

45317

90
g-index

140
all docs

140
docs citations

140
times ranked

3019
citing authors

#	ARTICLE	IF	CITATIONS
1	U-Pb Ages from the Neoproterozoic Doushantuo Formation, China. <i>Science</i> , 2005, 308, 95-98.	12.6	1,083
2	Neoproterozoic to Early Cambrian small shelly fossil assemblages and a revised biostratigraphic correlation of the Yangtze Platform (China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 67-99.	2.3	352
3	Integrated Ediacaran (Sinian) chronostratigraphy of South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 7-61.	2.3	338
4	Doushantuo embryos preserved inside diapause egg cysts. <i>Nature</i> , 2007, 446, 661-663.	27.8	306
5	Rise to modern levels of ocean oxygenation coincided with the Cambrian radiation of animals. <i>Nature Communications</i> , 2015, 6, 7142.	12.8	250
6	Sinian-Cambrian stratigraphic framework for shallow- to deep-water environments of the Yangtze Platform: an integrated approach*. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 951-960.	4.4	248
7	Cerium anomaly variations in Ediacaran "earliest Cambrian carbonates from the Yangtze Gorges area, South China: Implications for oxygenation of coeval shallow seawater. <i>Precambrian Research</i> , 2013, 225, 110-127.	2.7	241
8	Trace element chemostratigraphy of two Ediacaran "Cambrian successions in South China: Implications for organosedimentary metal enrichment and silicification in the Early Cambrian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 194-216.	2.3	181
9	Sponge grade body fossil with cellular resolution dating 60 Myr before the Cambrian. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1453-60.	7.1	178
10	Carbon isotope chemostratigraphy and sedimentary facies evolution of the Ediacaran Doushantuo Formation in western Hubei, South China. <i>Precambrian Research</i> , 2013, 225, 7-28.	2.7	158
11	Lower Cambrian Small Shelly Fossils of northern Sichuan and southern Shaanxi (China), and their biostratigraphic importance. <i>Geobios</i> , 2004, 37, 259-275.	1.4	155
12	Cambrian integrative stratigraphy and timescale of China. <i>Science China Earth Sciences</i> , 2019, 62, 25-60.	5.2	147
13	Decimetre-scale multicellular eukaryotes from the 1.56-billion-year-old Gaoyuzhuang Formation in North China. <i>Nature Communications</i> , 2016, 7, 11500.	12.8	130
14	A deep root for the Cambrian explosion: Implications of new bio- and chemostratigraphy from the Siberian Platform. <i>Geology</i> , 2017, 45, 459-462.	4.4	119
15	Eight-armed Ediacara fossil preserved in contrasting taphonomic windows from China and Australia. <i>Geology</i> , 2008, 36, 867.	4.4	116
16	A rapid and synchronous initiation of the wide spread Cryogenian glaciations. <i>Precambrian Research</i> , 2014, 255, 401-411.	2.7	107
17	Evolution of C isotopes in the Cambrian of China: implications for Cambrian subdivision and trilobite mass extinctions. <i>Geobios</i> , 2004, 37, 287-301.	1.4	106
18	Lower Cambrian Burgess Shale-type fossil associations of South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 220, 129-152.	2.3	105

#	ARTICLE	IF	CITATIONS
19	A global transition to ferruginous conditions in the early Neoproterozoic oceans. <i>Nature Geoscience</i> , 2015, 8, 466-470.	12.9	105
20	Stabilization of the coupled oxygen and phosphorus cycles by the evolution of bioturbation. <i>Nature Geoscience</i> , 2014, 7, 671-676.	12.9	104
21	Fossilization modes in the Chengjiang Lagerstätte (Cambrian of China): testing the roles of organic preservation and diagenetic alteration in exceptional preservation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 220, 31-46.	2.3	100
22	New Early Cambrian bilaterian embryos and larvae from China. <i>Geology</i> , 2004, 32, 833.	4.4	99
23	Redox architecture of an Ediacaran ocean margin: Integrated chemostratigraphic ($^{13}\text{C}/^{14}\text{C}$, $^{87}\text{Sr}/^{86}\text{Sr}$, $^{137}\text{Ce}/^{138}\text{Ce}$) correlation of the Doushantuo Formation, South China. <i>Chemical Geology</i> , 2015, 405, 48-62.	3.3	98
24	The DOUNCE event at the top of the Ediacaran Doushantuo Formation, South China: Broad stratigraphic occurrence and non-diagenetic origin. <i>Precambrian Research</i> , 2013, 225, 86-109.	2.7	97
25	Possible links between extreme oxygen perturbations and the Cambrian radiation of animals. <i>Nature Geoscience</i> , 2019, 12, 468-474.	12.9	96
26	Carbon isotopic evolution of the terminal Neoproterozoic and early Cambrian: Evidence from the Yangtze Platform, South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 140-157.	2.3	91
27	Unique Neoproterozoic carbon isotope excursions sustained by coupled evaporite dissolution and pyrite burial. <i>Nature Geoscience</i> , 2019, 12, 823-827.	12.9	87
28	Palaeoceanographic controls on spatial redox distribution over the Yangtze Platform during the Ediacaran-Cambrian transition. <i>Sedimentology</i> , 2016, 63, 378-410.	3.1	85
29	Transitional Ediacaran-Cambrian small skeletal fossil assemblages from South China and Kazakhstan: Implications for chronostratigraphy and metazoan evolution. <i>Precambrian Research</i> , 2016, 285, 202-215.	2.7	81
30	The tempo of Ediacaran evolution. <i>Science Advances</i> , 2021, 7, eabi9643.	10.3	80
31	Revisiting the Liantuo Formation in Yangtze Block, South China: SIMS U-Pb zircon age constraints and regional and global significance. <i>Precambrian Research</i> , 2015, 263, 123-141.	2.7	76
32	New record of organic-walled, morphologically distinct microfossils from the late Paleoproterozoic Changcheng Group in the Yanshan Range, North China. <i>Precambrian Research</i> , 2019, 321, 172-198.	2.7	76
33	The developmental cycles of early Cambrian <i>Olivoidae</i> fam. nov. (? <i>Cycloneuralia</i>) from the Yangtze Platform (China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 398, 97-124.	2.3	72
34	Global climate, sea level cycles, and biotic events in the Cambrian Period. <i>Palaeoworld</i> , 2015, 24, 5-15.	1.1	71
35	Precambrian-Cambrian trace fossils from the Yangtze Platform (South China) and the early evolution of bilaterian lifestyles. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 328-349.	2.3	69
36	Coupling of ocean redox and animal evolution during the Ediacaran-Cambrian transition. <i>Nature Communications</i> , 2018, 9, 2575.	12.8	65

#	ARTICLE	IF	CITATIONS
37	High resolution organic carbon isotope stratigraphy from a slope to basinal setting on the Yangtze Platform, South China: Implications for the Ediacaran–Cambrian transition. <i>Precambrian Research</i> , 2013, 225, 209-217.	2.7	64
38	Demise of Ediacaran dolomitic seas marks widespread biomineralization on the Siberian Platform. <i>Geology</i> , 2017, 45, 27-30.	4.4	64
39	Heterogeneous and dynamic marine shelf oxygenation and coupled early animal evolution. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 279-288.	2.6	64
40	Marine redox variations and nitrogen cycle of the early Cambrian southern margin of the Yangtze Platform, South China: Evidence from nitrogen and organic carbon isotopes. <i>Precambrian Research</i> , 2015, 267, 209-226.	2.7	63
41	Phosphorus-limited conditions in the early Neoproterozoic ocean maintained low levels of atmospheric oxygen. <i>Nature Geoscience</i> , 2020, 13, 296-301.	12.9	63
42	Spatial variation in the diversity and composition of the Lower Cambrian (Series 2, Stage 3) Chengjiang Biota, Southwest China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 346-347, 54-65.	2.3	61
43	Diverse pelagic predators from the Chengjiang Lagerstätte and the establishment of modern-style pelagic ecosystems in the early Cambrian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 307-316.	2.3	60
44	Diversity and species abundance patterns of the Early Cambrian (Series 2, Stage 3) Chengjiang Biota from China. <i>Paleobiology</i> , 2014, 40, 50-69.	2.0	58
45	U-Pb and Re-Os geochronology tracks stratigraphic condensation in the Sturtian snowball Earth aftermath. <i>Geology</i> , 2020, 48, 625-629.	4.4	57
46	TUZOIA: MORPHOLOGY AND LIFESTYLE OF A LARGE BIVALVED ARTHROPOD OF THE CAMBRIAN SEAS. <i>Journal of Paleontology</i> , 2007, 81, 445-471.	0.8	56
47	Proposed reassessment of the Cambrian GSSP. <i>Journal of African Earth Sciences</i> , 2014, 98, 3-10.	2.0	56
48	QUANTITATIVE ANALYSIS OF TAPHOFACIES AND PALEOCOMMUNITIES IN THE EARLY CAMBRIAN CHENGJIANG LAGERSTATTE. <i>Palaios</i> , 2009, 24, 826-839.	1.3	55
49	Biodiversity and taphonomy of the Early Cambrian Guanshan biota, eastern Yunnan. <i>Science China Earth Sciences</i> , 2010, 53, 1765-1773.	5.2	54
50	Community structure and composition of the Cambrian Chengjiang biota. <i>Science China Earth Sciences</i> , 2010, 53, 1784-1799.	5.2	53
51	Geochronological constraint on the Cambrian Chengjiang biota, South China. <i>Journal of the Geological Society</i> , 2018, 175, 659-666.	2.1	50
52	Early Cambrian Mollusc <i>Watsonella crosbyi</i> : A Potential GSSP Index Fossil for the Base of the Cambrian Stage 2. <i>Acta Geologica Sinica</i> , 2011, 85, 309-319.	1.4	46
53	Geobiology of a palaeoecosystem with Ediacara-type fossils: The Shibantan Member (Dengying) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.7	46
54	Reconstructing Tonian seawater 87Sr/86Sr using calcite microspar. <i>Geology</i> , 2020, 48, 462-467.	4.4	45

#	ARTICLE	IF	CITATIONS
55	Large-scale slope instability at the southern margin of the Ediacaran Yangtze platform (Hunan) Tj ETQq1 1 0.784314.rgBT /Overlock 10	2.7	44
56	Geochronological constraints on stratigraphic correlation and oceanic oxygenation in Ediacaran-Cambrian transition in South China. <i>Journal of Asian Earth Sciences</i> , 2017, 140, 75-81.	2.3	43
57	Measuring the "Great Unconformity" on the North China Craton using new detrital zircon age data. <i>Geological Society Special Publication</i> , 2017, 448, 145-159.	1.3	43
58	Calibrating the temporal and spatial dynamics of the Ediacaran - Cambrian radiation of animals. <i>Earth-Science Reviews</i> , 2022, 225, 103913.	9.1	39
59	Early embryogenesis of potential bilaterian animals with polar lobe formation from the Ediacaran Weng'an Biota, South China. <i>Precambrian Research</i> , 2013, 225, 44-57.	2.7	38
60	Early Cambrian eodiscoid trilobites of the Yangtze Platform and their stratigraphic implications *. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 861-866.	4.4	37
61	Evolution of the Cholesterol Biosynthesis Pathway in Animals. <i>Molecular Biology and Evolution</i> , 2019, 36, 2548-2556.	8.9	37
62	An early Cambrian euarthropod with radiodont-like raptorial appendages. <i>Nature</i> , 2020, 588, 101-105.	27.8	37
63	High-resolution biostratigraphic and chemostratigraphic data from the Chenjiayuanzi section of the Doushantuo Formation in the Yangtze Gorges area, South China: Implication for subdivision and global correlation of the Ediacaran System. <i>Precambrian Research</i> , 2014, 249, 199-214.	2.7	35
64	The Evolution Pathway of Ammonia-Oxidizing Archaea Shaped by Major Geological Events. <i>Molecular Biology and Evolution</i> , 2021, 38, 3637-3648.	8.9	33
65	Biogeochemical changes across the Ediacaran-Cambrian transition in South China. <i>Precambrian Research</i> , 2013, 225, 1-6.	2.7	31
66	Complexity and diversity of eyes in Early Cambrian ecosystems. <i>Scientific Reports</i> , 2013, 3, 2751.	3.3	31
67	SIMS U-Pb zircon geochronological constraints on upper Ediacaran stratigraphic correlations, South China. <i>Geological Magazine</i> , 2017, 154, 1202-1216.	1.5	31
68	Meroblastic cleavage identifies some Ediacaran Doushantuo (China) embryo-like fossils as metazoans. <i>Geology</i> , 2016, 44, 735-738.	4.4	30
69	Nuclei and nucleoli in embryo-like fossils from the Ediacaran Weng'an Biota. <i>Precambrian Research</i> , 2017, 301, 145-151.	2.7	30
70	HEXACTINELLID SPONGES FROM THE EARLY CAMBRIAN BLACK SHALE OF SOUTH ANHUI, CHINA. <i>Journal of Paleontology</i> , 2005, 79, 1043-1051.	0.8	29
71	Appendages of an early Cambrian metadoxidid trilobite from Yunnan, SW China support mandibulate affinities of trilobites and arthropods. <i>Geological Magazine</i> , 2017, 154, 1306-1328.	1.5	29
72	Hyaloliths with pedicles illuminate the origin of the brachiopod body plan. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181780.	2.6	29

#	ARTICLE	IF	CITATIONS
73	Paleomagnetic insights into the Cambrian biogeographic conundrum: Did the North China craton link Laurentia and East Gondwana?. <i>Geology</i> , 2021, 49, 372-376.	4.4	29
74	Occurrence of the earliest known <i>Sphenothallus</i> Hall in the Lower Cambrian of Southern Shaanxi Province, China. <i>Geobios</i> , 2004, 37, 229-237.	1.4	28
75	Stratigraphic reconstruction of the Ediacaran Yangtze platform margin (Hunan province, China) using a large olistolith. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 123-139.	2.3	27
76	Composition and tiering of the Cambrian sponge communities. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 398, 86-96.	2.3	27
77	Lowermost Cambrian acritarchs from the Yanjiahe Formation, South China: implication for defining the base of the Cambrian in the Yangtze Platform. <i>Geological Magazine</i> , 2017, 154, 1217-1231.	1.5	27
78	Fossils from South China redefine the ancestral euarthropod body plan. <i>BMC Evolutionary Biology</i> , 2020, 20, 4.	3.2	27
79	The burrow dwelling behavior and locomotion of palaeoscolecidian worms: New fossil evidence from the Cambrian Chengjiang fauna. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 398, 154-164.	2.3	25
80	Archaeocyathan zonation of the Yangtze Platform: Implications for regional and global correlation of lower Cambrian stages. <i>Geological Magazine</i> , 2016, 153, 388-409.	1.5	25
81	Depositional dynamics of a bituminous carbonate facies in a tectonically induced intra-platform basin: the Shibantan Member (Dengying Formation, Ediacaran Period). <i>Carbonates and Evaporites</i> , 2016, 31, 87-99.	1.0	25
82	A Chengjiang-type fossil assemblage from the Hongjingshao Formation (Cambrian Stage 3) at Chenggong, Kunming, Yunnan. <i>Science Bulletin</i> , 2014, 59, 3169-3175.	1.7	24
83	Lower Cambrian small shelly faunas from Zhejiang China and their biostratigraphical implications *. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 852-860.	4.4	23
84	Morphology of diverse radiodontan head sclerites from the early Cambrian Chengjiang Lagerstätte, south-west China. <i>Journal of Systematic Palaeontology</i> , 2018, 16, 1-37.	1.5	23
85	Long-term evolution of terrestrial inputs from the Ediacaran to early Cambrian: Clues from Nd isotopes in shallow-marine carbonates, South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 535, 109367.	2.3	23
86	WIDESPREAD OCCURRENCE OF MICROSCOPIC PORES IN CONULARIIDS. <i>Journal of Paleontology</i> , 2005, 79, 400-407.	0.8	19
87	Provenance Evolution of Age-Calibrated Strata Reveals When and How South China Block Collided With Gondwana. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090282.	4.0	19
88	Chapter 33 Neoproterozoic glaciogenic diamictites of the Tarim Block, NW China. <i>Geological Society Memoir</i> , 2011, 36, 367-378.	1.7	18
89	Biological and taphonomic implications of Ediacaran fossil embryos undergoing cytokinesis. <i>Gondwana Research</i> , 2014, 25, 1019-1026.	6.0	18
90	A template for an improved rock-based subdivision of the pre-Cryogenian timescale. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	18

#	ARTICLE	IF	CITATIONS
91	A short-lived oxidation event during the early Ediacaran and delayed oxygenation of the Proterozoic ocean. <i>Earth and Planetary Science Letters</i> , 2022, 577, 117274.	4.4	18
92	The occurrence of the genus <i>Marrella</i> (Trilobitoidea) in Asia *. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 708-711.	4.4	17
93	<i>Orthrozanclus elongata</i> n. sp. and the significance of sclerite-covered taxa for early trochozoan evolution. <i>Scientific Reports</i> , 2017, 7, 16232.	3.3	17
94	Skeletal faunas from the Qiongzhusian of southern Shaanxi: Biodiversity and lithofacies-biofacies links in the Lower Cambrian carbonate settings *. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 91-96.	4.4	16
95	A new radiodontan oral cone with a unique combination of anatomical features from the early Cambrian Guanshan Lagerstätte, eastern Yunnan, South China. <i>Journal of Paleontology</i> , 2018, 92, 40-48.	0.8	16
96	The Early Ediacaran <i>Caveasphaera</i> Foreshadows the Evolutionary Origin of Animal-like Embryology. <i>Current Biology</i> , 2019, 29, 4307-4314.e2.	3.9	16
97	Ultrastructure reveals ancestral vertebrate pharyngeal skeleton in yunnanozoans. <i>Science</i> , 2022, 377, 218-222.	12.6	16
98	Introduction: from snowball Earth to the Cambrian explosion—evidence from China. <i>Geological Magazine</i> , 2017, 154, 1187-1192.	1.5	15
99	Early Cambrian animal diapause embryos revealed by X-ray tomography. <i>Geology</i> , 2018, 46, 387-390.	4.4	15
100	Nucleus preservation in early Ediacaran Weng'an embryo-like fossils, experimental taphonomy of nuclei and implications for reading the eukaryote fossil record. <i>Interface Focus</i> , 2020, 10, 20200015.	3.0	15
101	Fuxianhuiids are mandibulates and share affinities with total-group Myriapoda. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	15
102	Arthropod trace fossils from the Zhujiqing Formation (Meishucunian, Yunnan) and their palaeobiological implications*. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 795-800.	4.4	14
103	A comparison of the biological, geological events and environmental backgrounds between the Neoproterozoic-Cambrian and Permian-Triassic transitions. <i>Science China Earth Sciences</i> , 2010, 53, 1873-1884.	5.2	13
104	The Jinxian Biota revisited: taphonomy and body plan of the Neoproterozoic discoid fossils from the southern Liaodong Peninsula, North China. <i>Palaontologische Zeitschrift</i> , 2016, 90, 205-224.	1.6	13
105	Lithofacies and glacio-tectonic deformation structures of the Tiesi'ao/Dongshanfeng Formation on the Yangtze Block, South China: Implications for Sturtian Glaciation dynamics. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109481.	2.3	13
106	Skeletal faunas of the lower Cambrian Yu'anshan Formation, eastern Yunnan, China: Metazoan diversity and community structure during the Cambrian Age 3. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 542, 109580.	2.3	12
107	Dynamic interplay of biogeochemical C, S and Ba cycles in response to the Shuram oxygenation event. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	12
108	New C isotope stratigraphy from southwest China: Implications for the placement of the Precambrian-Cambrian boundary on the Yangtze Platform and global correlations: Comment and Reply. <i>Geology</i> , 2001, 29, 871.	4.4	11

#	ARTICLE	IF	CITATIONS
109	Comment: A new lower Cambrian shelly fossil biostratigraphy for South Australia by Marissa J. Betts, John R. Paterson, James B. Jago, Sarah M. Jacquet, Christian B. Skovsted, Timothy P. Topper & Glenn A. Brock. <i>Gondwana Research</i> , 2017, 44, 258-261.	6.0	11
110	A diverse organic-walled microfossil assemblage from the Mesoproterozoic Xiamaling Formation, North China. <i>Precambrian Research</i> , 2021, 360, 106235.	2.7	11
111	Early Cambrian protoconodonts and conodont-like fossils from China: Taxonomic revisions and stratigraphic implications*. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 173-180.	4.4	10
112	Microstructure and functional morphology of the Early Cambrian problematical fossil Rhombocorniculum *. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 831-835.	4.4	8
113	Highly metalliferous carbonaceous shale and Early Cambrian seawater: COMMENT and REPLY: COMMENT. <i>Geology</i> , 2007, 35, e158-e159.	4.4	8
114	Preface: Atmospheric and oceanic oxygenation and evolution of early life on Earth: New contributions from China. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 167-169.	3.2	8
115	Developmental biology of <i>Helicoforamina</i> reveals holozoan affinity, cryptic diversity, and adaptation to heterogeneous environments in the early Ediacaran Weng'an biota (Doushantuo). <i>Journal of Earth System Science</i> , 2022, 243, 102114.	1.0	8
116	Diverse and complex developmental mechanisms of early Ediacaran embryo-like fossils from the Weng'an Biota, southwest China. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210032.	4.0	8
117	First report of <i>Wiwaxia</i> from the Cambrian Chengjiang Lagerstätte. <i>Geological Magazine</i> , 2015, 152, 378-382.	1.5	7
118	The middle Cambrian Linyi Lagerstätte from the North China Craton: a new window on Cambrian evolutionary fauna. <i>National Science Review</i> , 2022, 9, .	9.5	7
119	Stratigraphic implications of Sinian-Early Cambrian volcanic ash beds on the Yangtze Platform *. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 71-76.	4.4	6
120	Tubular microfossils from the Ediacaran Weng'an Biota (Doushantuo Formation, South China) are not early animals. <i>Palaeoworld</i> , 2019, 28, 469-477.	1.1	6
121	Comparative taphonomy and phylogenetic signal of phosphatized Weng'an and Kuanchuanpu Biotas. <i>Precambrian Research</i> , 2020, 349, 105408.	2.7	6
122	A newly discovered Neoproterozoic diamictite-cap carbonate couplet from the Western Himalaya: The expansion of the Marinoan snowball Earth glaciation to the northwestern margin of the Indian Plate in North Pakistan. <i>Precambrian Research</i> , 2022, 378, 106759.	2.7	6
123	Periodic shell decollation as an ecology-driven strategy in the early Cambrian <i>Cupithec</i> . <i>Palaeontology</i> , 2020, 63, 431-442.	2.2	5
124	Reply to "Uppermost Cambrian carbon chemostratigraphy: the HERB and undocumented TOCE events are not synonymous". <i>Geological Magazine</i> , 2021, 158, 1323-1326.	1.5	5
125	Palaeobiology of orthothecide hyoliths from the Cambrian Manto Formation of Hebei Province, North China. <i>Acta Palaeontologica Polonica</i> , 0, 63, .	0.4	5
126	A 460-Ma-long, high-resolution record of Ediacaran paleotemperature. <i>Science Bulletin</i> , 2022, 67, 910-913.	9.0	5

#	ARTICLE	IF	CITATIONS
127	A New Helmetiid Arthropod from the Early Cambrian Chengjiang Lagerstätte, Southwest China. <i>Journal of Paleontology</i> , 2014, 88, 367-370.	0.8	4
128	A crown group priapulid from the early Cambrian Guanshan Lagerstätte. <i>Geological Magazine</i> , 2017, 154, 1329-1333.	1.5	4
129	International Symposium and Field Workshop on Ediacaran and Cryogenian Stratigraphy. <i>Episodes</i> , 2014, 37, 218-221.	1.2	4
130	Chinese-Russian Symposium on the Lower Cambrian stratigraphy. <i>Paleontological Journal</i> , 2007, 41, 227-228.	0.5	3
131	A new early Cambrian bivalved euarthropod from Yunnan, China and general interspecific morphological and size variations in Cambrian hymenocarines. <i>Palaeoworld</i> , 2021, 30, 387-397.	1.1	3
132	Editorial: The co-evolution of life and environments in South China from Snowball Earth to Cambrian Explosion. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 563, 110181.	2.3	3
133	Ultrastructure and in-situ chemical characterization of intracellular granules of embryo-like fossils from the early Ediacaran Weng'an biota. <i>Palaontologische Zeitschrift</i> , 2021, 95, 611-621.	1.6	3
134	New holozoans with cellular resolution from the early Ediacaran Weng'an Biota, SW China. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	0