

Shuhai Xiao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251
papers

12,606
citations

64
h-index

103
g-index

279
ext. papers

14,350
ext. citations

5.9
avg, IF

6.66
L-index

#	Paper	IF	Citations
251	Phylotranscriptomic insights into a Mesoproterozoic-Neoproterozoic origin and early radiation of green seaweeds (Ulvophyceae).. <i>Nature Communications</i> , 2022 , 13, 1610	17.4	0
250	Uranium isotope evidence for extensive shallow water anoxia in the early Tonian oceans. <i>Earth and Planetary Science Letters</i> , 2022 , 583, 117437	5.3	1
249	Preservation of early Tonian macroalgal fossils from the Dolores Creek Formation, Yukon.. <i>Scientific Reports</i> , 2022 , 12, 6222	4.9	0
248	A transient peak in marine sulfate after the 635-Ma snowball Earth.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2117341119	11.5	1
247	Earliest Ediacaran speleothems and their implications for terrestrial life after the Marinoan snowball Earth. <i>Precambrian Research</i> , 2022 , 376, 106685	3.9	0
246	A microfossil assemblage from the Ediacaran Doushantuo Formation in the Shennongjia area (Hubei Province, South China): Filling critical paleoenvironmental and biostratigraphic gaps. <i>Precambrian Research</i> , 2022 , 377, 106691	3.9	0
245	Integrated study of the Doushantuo Formation in northwestern Hunan Province: Implications for Ediacaran chemostratigraphy and biostratigraphy in South China. <i>Precambrian Research</i> , 2022 , 377, 106699	3.9	0
244	An authigenic response to Ediacaran surface oxidation: Remarkable micron-scale isotopic heterogeneity revealed by SIMS. <i>Precambrian Research</i> , 2022 , 377, 106676	3.9	0
243	Putative fossil blood cells reinterpreted as diagenetic structures.. <i>PeerJ</i> , 2021 , 9, e12651	3.1	0
242	Cracking the superheavy pyrite enigma: possible roles of volatile organosulfur compound emission. <i>National Science Review</i> , 2021 , 8, nwab034	10.8	5
241	Distribution of Ediacaran acanthomorphic acritarchs in the lower Doushantuo Formation of the Yangtze Gorges area, South China: Evolutionary and stratigraphic implications. <i>Precambrian Research</i> , 2021 , 353, 106005	3.9	8
240	The Shibantan Lagerstätte: insights into the Proterozoic-Phanerozoic transition. <i>Journal of the Geological Society</i> , 2021 , 178, jgs2020-135	2.7	9
239	Dickinsonia from the Ediacaran Dengying Formation in the Yangtze Gorges area, South China. <i>Palaeoworld</i> , 2021 , 30, 602-602	1.8	1
238	DIFFERENTIAL WEATHERING OF DIAGENETIC CONCRETIONS AND THE FORMATION OF NEOPROTEROZOIC ANNULATED DISCOIDAL STRUCTURES. <i>Palaios</i> , 2021 , 36, 15-27	1.6	1
237	The Proterozoic macrofossil Tawuia as a coenocytic eukaryote and a possible macroalga. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 576, 110485	2.9	3
236	One-billion-year-old epibionts highlight symbiotic ecological interactions in early eukaryote evolution. <i>Gondwana Research</i> , 2021 , 97, 22-33	5.1	3
235	Deposition or diagenesis? Probing the Ediacaran Shuram excursion in South China by SIMS. <i>Global and Planetary Change</i> , 2021 , 206, 103591	4.2	8

234	Cryptic terrestrial fungus-like fossils of the early Ediacaran Period. <i>Nature Communications</i> , 2021 , 12, 641	17.4	11
233	A tale of three taphonomic modes: The Ediacaran fossil Flabellophyton preserved in limestone, black shale, and sandstone. <i>Gondwana Research</i> , 2020 , 84, 296-314	5.1	9
232	The influence of environmental setting on the community ecology of Ediacaran organisms. <i>Interface Focus</i> , 2020 , 10, 20190109	3.9	14
231	Raman spectroscopy and structural heterogeneity of carbonaceous material in Proterozoic organic-walled microfossils in the North China Craton. <i>Precambrian Research</i> , 2020 , 346, 105818	3.9	8
230	A one-billion-year-old multicellular chlorophyte. <i>Nature Ecology and Evolution</i> , 2020 , 4, 543-549	12.3	61
229	Using SIMS to decode noisy stratigraphic $\delta^{13}C$ variations in Ediacaran carbonates. <i>Precambrian Research</i> , 2020 , 343, 105686	3.9	9
228	Hydrothermal influence on barite precipitates in the basal Ediacaran Sete Lagoas cap dolostone, S̃o Francisco Craton, central Brazil. <i>Precambrian Research</i> , 2020 , 340, 105628	3.9	6
227	Refining the termination age of the Cryogenian Sturtian glaciation in South China. <i>Palaeoworld</i> , 2020 , 29, 462-468	1.8	2
226	Wide but not ubiquitous distribution of glendonite in the Doushantuo Formation, South China: Implications for Ediacaran climate. <i>Precambrian Research</i> , 2020 , 338, 105586	3.9	7
225	Probable benthic macroalgae from the Ediacara Member, South Australia. <i>Precambrian Research</i> , 2020 , 350, 105903	3.9	7
224	Iron phosphate in the Ediacaran Doushantuo Formation of South China: A previously undocumented marine phosphate sink. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 560, 109993	2.9	3
223	The Ediacaran frondose fossil <i>Arborea</i> from the Shibantan limestone of South China. <i>Journal of Paleontology</i> , 2020 , 94, 1034-1050	1.1	7
222	Seaweeds through time: Morphological and ecological analysis of Proterozoic and early Paleozoic benthic macroalgae. <i>Precambrian Research</i> , 2020 , 350, 105875	3.9	23
221	Ediacaran sponges, animal biomineralization, and skeletal reefs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 20997-20999	11.5	1
220	The terminal Ediacaran tubular fossil <i>Cloudina</i> in the Yangtze Gorges area of South China. <i>Precambrian Research</i> , 2020 , 351, 105931	3.9	7
219	A new cloudinid fossil assemblage from the terminal Ediacaran of Nevada, USA. <i>Journal of Systematic Palaeontology</i> , 2020 , 18, 357-379	2.3	18
218	Surfing in and on microbial mats: Oxygen-related behavior of a terminal Ediacaran bilaterian animal. <i>Geology</i> , 2019 , 47, 1054-1058	5	23
217	Death march of a segmented and trilobate bilaterian elucidates early animal evolution. <i>Nature</i> , 2019 , 573, 412-415	50.4	67

216	A problematic animal fossil from the early Cambrian Hetang Formation, South China—a reply. <i>Journal of Paleontology</i> , 2019 , 93, 1279-1282	1.1	2
215	Repositioning the Great Unconformity at the southeastern margin of the North China Craton. <i>Precambrian Research</i> , 2019 , 324, 1-17	3.9	21
214	Sedimentology and chemostratigraphy of the terminal Ediacaran Dengying Formation at the Gaojiashan section, South China. <i>Geological Magazine</i> , 2019 , n/a,	2	34
213	Composition Systematics in the Exoskeleton of the American Lobster, <i>Homarus americanus</i> and Implications for Malacostraca. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	5
212	A new record of late Ediacaran acritarchs from La providencia group (Tandilia System, Argentina) and its biostratigraphical significance. <i>Journal of South American Earth Sciences</i> , 2019 , 93, 283-293	2	13
211	Calibrating the terminations of Cryogenian global glaciations. <i>Geology</i> , 2019 , 47, 251-254	5	73
210	A problematic animal fossil from the early Cambrian Hetang Formation, South China. <i>Journal of Paleontology</i> , 2019 , n/a, 1937-2337	1.1	4
209	Diverse biomineralizing animals in the terminal Ediacaran Period herald the Cambrian explosion. <i>Geology</i> , 2019 , 47, 380-384	5	42
208	Ediacaran biozones identified with network analysis provide evidence for pulsed extinctions of early complex life. <i>Nature Communications</i> , 2019 , 10, 911	17.4	44
207	Ediacaran integrative stratigraphy and timescale of China. <i>Science China Earth Sciences</i> , 2019 , 62, 7-24	4.6	48
206	Spiculogenesis and biomineralization in early sponge animals. <i>Nature Communications</i> , 2019 , 10, 3348	17.4	11
205	Global marine redox changes drove the rise and fall of the Ediacara biota. <i>Geobiology</i> , 2019 , 17, 594-610	4.3	50
204	PROBING AN ATYPICAL SHURAM EXCURSION BY SIMS 2019 ,		3
203	Avances recientes en la comprensión del sistema de vida terrestre del Ediacárico tardío en China meridional y el Ediacárico siberiano. <i>Estudios Geológicos</i> , 2019 , 75, 097	0.3	1
202	Evaluación de la Formación ediacárica de Doushantuo: mejora de la correlación estratigráfica de las pizarras negras de Doushantuo superior a partir del contenido en mercurio. <i>Estudios Geológicos</i> , 2019 , 75, 107	0.3	
201	Calibrando la transición ediacárico-cámbrica en Gondwana sudeoccidental. <i>Estudios Geológicos</i> , 2019 , 75, 118	0.3	
200	Biomineralization by particle attachment in early animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17659-17665	11.5	45
199	Detrital graphite particles in the Cryogenian Nantuo Formation of South China: Implications for sedimentary provenance and tectonic history. <i>Precambrian Research</i> , 2019 , 323, 6-15	3.9	7

198	Acanthomorphic acritarchs from the Ediacaran Doushantuo Formation at Zhangcunping in South China, with implications for the evolution of early Ediacaran eukaryotes. <i>Precambrian Research</i> , 2019 , 320, 171-192	3.9	20
197	A systematic description of new macrofossil material from the upper Ediacaran Miaohe Member in South China. <i>Journal of Systematic Palaeontology</i> , 2019 , 17, 183-238	2.3	27
196	Breaking down the lithification bias: the effect of preferential sampling of larger specimens on the estimate of species richness, evenness, and average specimen size. <i>Paleobiology</i> , 2018 , 44, 326-345	2.6	2
195	Nitrogen-Fixing Heterocystous Cyanobacteria in the Tonian Period. <i>Current Biology</i> , 2018 , 28, 616-622.e163	6.3	33
194	TAPHONOMY AND BIOLOGICAL AFFINITY OF THREE-DIMENSIONALLY PHOSPHATIZED BROMALITES FROM THE MIDDLE ORDOVICIAN WINNESHIEK LAGERSTÄTTE, NORTHEASTERN IOWA, USA. <i>Palaios</i> , 2018 , 33, 1-15	1.6	8
193	The earliest Elcanidae (Insecta, Orthoptera) from the Upper Triassic of North America. <i>Journal of Paleontology</i> , 2018 , 92, 1028-1034	1.1	7
192	Can NanoSIMS probe quantitatively the geochemical composition of ancient organic-walled microfossils? A case study from the early Neoproterozoic Liulaobei Formation. <i>Precambrian Research</i> , 2018 , 311, 65-73	3.9	7
191	Manganese Oxides Resembling Microbial Fabrics and Their Implications for Recognizing Inorganically Preserved Microfossils. <i>Astrobiology</i> , 2018 , 18, 249-258	3.7	13
190	After the boring billion and before the freezing millions: evolutionary patterns and innovations in the Tonian Period. <i>Emerging Topics in Life Sciences</i> , 2018 , 2, 161-171	3.5	26
189	Transient marine euxinia at the end of the terminal Cryogenian glaciation. <i>Nature Communications</i> , 2018 , 9, 3019	17.4	21
188	Late Ediacaran trackways produced by bilaterian animals with paired appendages. <i>Science Advances</i> , 2018 , 4, eaao6691	14.3	41
187	Extensive marine anoxia during the terminal Ediacaran Period. <i>Science Advances</i> , 2018 , 4, eaan8983	14.3	82
186	Field workshop on the Ediacaran Corumbá Group of southwestern Brazil. <i>Episodes</i> , 2018 , 41, 207-211	1.6	2
185	Environmental disturbance, resource availability, and biologic turnover at the dawn of animal life. <i>Earth-Science Reviews</i> , 2018 , 177, 248-264	10.2	39
184	A new SIMS zircon U-Pb date from the Ediacaran Doushantuo Formation: age constraint on the Weng'an biota. <i>Geological Magazine</i> , 2017 , 154, 1193-1201	2	45
183	Integrated carbon, sulfur, and nitrogen isotope chemostratigraphy of the Ediacaran Lantian Formation in South China: Spatial gradient, ocean redox oscillation, and fossil distribution. <i>Geobiology</i> , 2017 , 15, 552-571	4.3	51
182	Carbonaceous biosignatures of diverse chemotrophic microbial communities from chert nodules of the Ediacaran Doushantuo Formation. <i>Precambrian Research</i> , 2017 , 290, 184-196	3.9	19
181	A geochemical study of the Ediacaran discoidal fossil <i>Aspidella</i> preserved in limestones: Implications for its taphonomy and paleoecology. <i>Geobiology</i> , 2017 , 15, 572-587	4.3	16

180	Exceptionally preserved fossil assemblages through geologic time and space. <i>Gondwana Research</i> , 2017 , 48, 164-188	5.1	70
179	A new modular palaeopascichnid fossil <i>Curviacus ediacaranus</i> new genus and species from the Ediacaran Dengying Formation in the Yangtze Gorges area of South China. <i>Geological Magazine</i> , 2017 , 154, 1257-1268	2	15
178	The stratigraphic complexity of the middle Ediacaran carbon isotopic record in the Yangtze Gorges area, South China, and its implications for the age and chemostratigraphic significance of the Shuram excursion. <i>Precambrian Research</i> , 2017 , 288, 23-38	3.9	59
177	Raman geothermometry of carbonaceous material in the basal Ediacaran Doushantuo cap dolostone: The thermal history of extremely negative $\delta^{13}C$ signatures in the aftermath of the terminal Cryogenian snowball Earth glaciation. <i>Precambrian Research</i> , 2017 , 298, 174-186	3.9	15
176	Beyond the stony veil: Reconstructing the Earth's earliest large animal traces via computed tomography X-ray imaging. <i>Precambrian Research</i> , 2017 , 298, 341-350	3.9	7
175	Seaweed morphology and ecology during the great animal diversification events of the early Paleozoic: A tale of two floras. <i>Geobiology</i> , 2017 , 15, 588-616	4.3	30
174	Was the Ediacaran Shuram Excursion a globally synchronized early diagenetic event? Insights from methane-derived authigenic carbonates in the uppermost Doushantuo Formation, South China. <i>Chemical Geology</i> , 2017 , 450, 59-80	4.2	82
173	Silicified glendonites in the Ediacaran Doushantuo Formation (South China) and their potential paleoclimatic implications. <i>Geology</i> , 2017 , 45, 115-118	5	30
172	Stable carbon isotopes of sedimentary kerogens and carbonaceous microfossils from the Ediacaran Miaohu Member in South China: Implications for stratigraphic correlation and sources of sedimentary organic carbon. <i>Precambrian Research</i> , 2017 , 302, 171-179	3.9	27
171	Cryogenian evolution of stigmasteroid biosynthesis. <i>Science Advances</i> , 2017 , 3, e1700887	14.3	42
170	Three-dimensionally phosphatized meiofaunal bivalved arthropods from the Upper Cambrian of Western Hunan, South China. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2017 , 285, 39-52	1.1	1
169	Late Mesoproterozoic to early Neoproterozoic organic-walled microfossils from the Madhubani Group of the Ganga Valley, northern India. <i>Palaeontology</i> , 2017 , 60, 869-891	2.9	14
168	New biostratigraphic and chemostratigraphic data from the Ediacaran Doushantuo Formation in intra-shelf and upper slope facies of the Yangtze platform: Implications for biozonation of acanthomorphic acritarchs in South China. <i>Precambrian Research</i> , 2017 , 300, 28-39	3.9	21
167	Acanthomorphic acritarchs of the Doushantuo Formation from an upper slope section in northwestern Hunan Province, South China, with implications for early-middle Ediacaran biostratigraphy. <i>Precambrian Research</i> , 2017 , 298, 512-529	3.9	17
166	Electron microscopy reveals evidence for simple multicellularity in the Proterozoic fossil <i>Chuaria</i> . <i>Geology</i> , 2017 , 45, 75-78	5	34
165	Field workshop on the Ediacaran Nama Group of southern Namibia. <i>Episodes</i> , 2017 , 40, 259-261	1.6	2
164	Are the new Ediacaran Doushantuo embryo-like fossils early metazoans? A reply. <i>Palaeoworld</i> , 2016 , 25, 132-134	1.8	3
163	Redox-dependent distribution of early macro-organisms: Evidence from the terminal Ediacaran Khatyspyt Formation in Arctic Siberia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 461, 122-139	2.9	42

162	Biostratigraphic and detrital zircon age constraints on the basement of the Himalayan Foreland Basin: Implications for a Proterozoic link to the Lesser Himalaya and cratonic India. <i>Terra Nova</i> , 2016 , 28, 419-426	3	15
161	Molar tooth carbonates and benthic methane fluxes in Proterozoic oceans. <i>Nature Communications</i> , 2016 , 7, 10317	17.4	17
160	The macroalga <i>Bosworthia</i> from the Cambrian Burgess Shale and Kaili biotas of North America and China. <i>Review of Palaeobotany and Palynology</i> , 2016 , 230, 47-55	1.7	4
159	The hydroid fossil record and analytical techniques for assessing the affinities of putative hydrozoans and possible hemichordates. <i>Palaeontology</i> , 2016 , 59, 71-87	2.9	11
158	Paired carbonate and organic carbon isotope variations of the Ediacaran Doushantuo Formation from an upper slope section at Siduping, South China. <i>Precambrian Research</i> , 2016 , 273, 53-66	3.9	63
157	Towards an Ediacaran Time Scale: Problems, Protocols, and Prospects. <i>Episodes</i> , 2016 , 39, 540-555	1.6	124
156	Environmental context for the terminal Ediacaran biomineralization of animals. <i>Geobiology</i> , 2016 , 14, 344-63	4.3	61
155	Systematic description of putative animal fossils from the early Ediacaran Lantian Formation of South China. <i>Palaeontology</i> , 2016 , 59, 515-532	2.9	27
154	Episode of intense chemical weathering during the termination of the 635 Ma Marinoan glaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14904-14909	11.5	37
153	Phosphogenesis associated with the Shuram Excursion: Petrographic and geochemical observations from the Ediacaran Doushantuo Formation of South China. <i>Sedimentary Geology</i> , 2016 , 341, 134-146	2.8	48
152	Uranium and molybdenum isotope evidence for an episode of widespread ocean oxygenation during the late Ediacaran Period. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 156, 173-193	5.5	179
151	Age and implications of the phosphatic Birmania Formation, Rajasthan, India. <i>Precambrian Research</i> , 2015 , 267, 164-173	3.9	17
150	New articulated protospongiid sponges from the early Cambrian Chengjiang biota. <i>Palaeoworld</i> , 2015 , 24, 46-54	1.8	4
149	A vanished history of skeletonization in Cambrian comb jellies. <i>Science Advances</i> , 2015 , 1, e1500092	14.3	22
148	RESOLVING THREE-DIMENSIONAL AND SUBSURFICIAL FEATURES OF CARBONACEOUS COMPRESSIONS AND SHELLY FOSSILS USING BACKSCATTERED ELECTRON SCANNING ELECTRON MICROSCOPY (BSE-SEM). <i>Palaios</i> , 2015 , 30, 462-481	1.6	25
147	Assessing the veracity of Precambrian sponge fossils using in situ nanoscale analytical techniques. <i>Precambrian Research</i> , 2015 , 263, 142-156	3.9	31
146	The survival of benthic macroscopic phototrophs on a Neoproterozoic snowball Earth. <i>Geology</i> , 2015 , 43, 507-510	5	51
145	Redox architecture of an Ediacaran ocean margin: Integrated chemostratigraphic ($\delta^{13}\text{C}_{\text{org}}$ / $\delta^{87}\text{Sr}/\delta^{86}\text{Sr}$ / $\delta^{15}\text{N}$ / $\delta^{13}\text{C}_{\text{org}}/\text{Ce}^*$) correlation of the Doushantuo Formation, South China. <i>Chemical Geology</i> , 2015 , 405, 48-62	4.2	80

144	A reexamination of Yuknessia from the Cambrian of British Columbia and Utah. <i>Journal of Paleontology</i> , 2015 , 89, 82-95	1.1	17
143	New occurrences of Sphenothallus in the lower Cambrian of South China: Implications for its affinities and taphonomic demineralization of shelly fossils. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 437, 141-164	2.9	22
142	Life history and autecology of an Ediacaran index fossil: Development and dispersal of Cloudina. <i>Gondwana Research</i> , 2015 , 28, 419-424	5.1	30
141	Reexamination of Yuknessia from the Cambrian of China and first report of Fuxianospira from North America. <i>Journal of Paleontology</i> , 2015 , 89, 899-911	1.1	7
140	Armored kinorhynch-like scalidophoran animals from the early Cambrian. <i>Scientific Reports</i> , 2015 , 5, 16521	2.9	49
139	Organic-walled microfossils from the Tonian Gouhou Formation, Huaibei region, North China Craton, and their biostratigraphic implications. <i>Precambrian Research</i> , 2015 , 266, 296-318	3.9	47
138	A biomechanical analysis of the early eukaryotic fossil Valeria and new occurrence of organic-walled microfossils from the Paleo-Mesoproterozoic Ruyang Group. <i>Palaeoworld</i> , 2015 , 24, 251-262	1.8	24
137	New material of the biomineralizing tubular fossil Sinotubulites from the late Ediacaran Dengying Formation, South China. <i>Precambrian Research</i> , 2015 , 261, 12-24	3.9	39
136	Fossil preservation through phosphatization and silicification in the Ediacaran Doushantuo Formation (South China): a comparative synthesis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 434, 46-62	2.9	77
135	Evolution: the making of ediacaran giants. <i>Current Biology</i> , 2014 , 24, R120-2	6.3	5
134	The oldest known priapulid-like scalidophoran animal and its implications for the early evolution of cycloneuralians and ecdysozoans. <i>Evolution & Development</i> , 2014 , 16, 155-65	2.6	56
133	Interactions between Ediacaran animals and microbial mats: Insights from Lamonte trevallisi, a new trace fossil from the Dengying Formation of South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 396, 62-74	2.9	78
132	The Weng'an biota and the Ediacaran radiation of multicellular eukaryotes. <i>National Science Review</i> , 2014 , 1, 498-520	10.8	89
131	An Examination of Life History and Behavioral Evolution Across the Ediacaran-Cambrian Transition. <i>Journal of Paleontology</i> , 2014 , 88, 205-206	1.1	
130	Orbisiana linearis from the early Ediacaran Lantian Formation of South China and its taphonomic and ecological implications. <i>Precambrian Research</i> , 2014 , 255, 266-275	3.9	19
129	Proposed reassessment of the Cambrian GSSP. <i>Journal of African Earth Sciences</i> , 2014 , 98, 3-10	2.2	45
128	Three-dimensional microCT analysis of the Ediacara fossil Pteridinium simplex sheds new light on its ecology and phylogenetic affinity. <i>Precambrian Research</i> , 2014 , 249, 79-87	3.9	15
127	Cell differentiation and germ-soma separation in Ediacaran animal embryo-like fossils. <i>Nature</i> , 2014 , 516, 238-41	50.4	67

126	Biostratigraphic and chemostratigraphic constraints on the age of early Neoproterozoic carbonate successions in North China. <i>Precambrian Research</i> , 2014 , 246, 208-225	3.9	59
125	Affirming life aquatic for the Ediacara biota in China and Australia: REPLY. <i>Geology</i> , 2014 , 42, e326-e326	5	5
124	New Ediacara fossils preserved in marine limestone and their ecological implications. <i>Scientific Reports</i> , 2014 , 4, 4180	4.9	77
123	Exceptional Fossil Conservation through Phosphatization. <i>The Paleontological Society Papers</i> , 2014 , 20, 59-82		17
122	Widespread contamination of carbonate-associated sulfate by present-day secondary atmospheric sulfate: Evidence from triple oxygen isotopes. <i>Geology</i> , 2014 , 42, 815-818	5	37
121	Ediacaran Acanthomorphic Acritarchs and Other Microfossils from Chert Nodules of the Upper Doushantuo Formation in the Yangtze Gorges Area, South China. <i>Journal of Paleontology</i> , 2014 , 88, 1-139	1.1	63
120	A unifying model for Neoproterozoic-Palaeozoic exceptional fossil preservation through pyritization and carbonaceous compression. <i>Nature Communications</i> , 2014 , 5, 5754	17.4	97
119	Possible Animal Embryos from the Lower Cambrian (Stage 3) Shuijingtuo Formation, Hubei Province, South China. <i>Journal of Paleontology</i> , 2014 , 88, 385-394	1.1	18
118	Phosphatized acanthomorphic acritarchs and related microfossils from the Ediacaran Doushantuo Formation at Weng'an (South China) and their implications for biostratigraphic correlation. <i>Journal of Paleontology</i> , 2014 , 88, 1-67	1.1	88
117	New Bivalved Arthropods from the Cambrian (Series 3, Drumian Stage) of Western Hunan, South China. <i>Acta Geologica Sinica</i> , 2014 , 88, 1388-1396	0.7	6
116	Taphonomy of the Ediacaran Fossil Pteridinium Simplex Preserved Three-Dimensionally in Mass Flow Deposits, Nama Group, Namibia. <i>Journal of Paleontology</i> , 2014 , 88, 240-252	1.1	27
115	International Field Workshop on the Marwar Supergroup, Rajasthan, India. <i>Episodes</i> , 2014 , 37, 74-75	1.6	2
114	Affirming life aquatic for the Ediacara biota in China and Australia. <i>Geology</i> , 2013 , 41, 1095-1098	5	73
113	The nature and origin of nucleus-like intracellular inclusions in Paleoproterozoic eukaryote microfossils. <i>Geobiology</i> , 2013 , 11, 499-510	4.3	58
112	Trace fossil evidence for Ediacaran bilaterian animals with complex behaviors. <i>Precambrian Research</i> , 2013 , 224, 690-701	3.9	112
111	Reply to comment on "Trace fossil evidence for Ediacaran bilaterian animals with complex behaviors" [Precambrian Res. 224 (2013) 690-701]. <i>Precambrian Research</i> , 2013 , 231, 386-387	3.9	2
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