

Sarah E Gabbott

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,979
citations

236833

25
h-index

254106

43
g-index

50
all docs

50
docs citations

50
times ranked

1415
citing authors

#	ARTICLE	IF	CITATIONS
1	Preservation of Early Cambrian animals of the Chengjiang biota. <i>Geology</i> , 2004, 32, 901.	2.0	204
2	Non-random decay of chordate characters causes bias in fossil interpretation. <i>Nature</i> , 2010, 463, 797-800.	13.7	173
3	Mechanism for Burgess Shale-type preservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5180-5184.	3.3	167
4	THE SYSTEMATICS AND PHYLOGENETIC RELATIONSHIPS OF VETULICOLIANS. <i>Palaeontology</i> , 2007, 50, 131-168.	1.0	114
5	Chemical, experimental, and morphological evidence for diagenetically altered melanin in exceptionally preserved fossils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12592-12597.	3.3	95
6	Decay of vertebrate characters in hagfish and lamprey (Cyclostomata) and the implications for the vertebrate fossil record. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1150-1157.	1.2	73
7	Ubiquitous Burgess Shale "clay templates" in low-grade metamorphic mudrocks. <i>Geology</i> , 2008, 36, 855.	2.0	68
8	An early Cambrian greenhouse climate. <i>Science Advances</i> , 2018, 4, eaar5690.	4.7	67
9	Taphonomy and affinity of an enigmatic Silurian vertebrate, <i>Jamoytius kerwoodi</i> White. <i>Palaeontology</i> , 2010, 53, 1393-1409.	1.0	57
10	Atlas of vertebrate decay: a visual and taphonomic guide to fossil interpretation. <i>Palaeontology</i> , 2013, 56, 457-474.	1.0	56
11	Orthoconic cephalopods and associated fauna from the late Ordovician Soom Shale Lagerstätte, South Africa. <i>Palaeontology</i> , 1999, 42, 123-148.	1.0	52
12	A refined chronology for the Cambrian succession of southern Britain. <i>Journal of the Geological Society</i> , 2011, 168, 705-716.	0.9	49
13	The eyes of <i>Tullimonstrum</i> reveal a vertebrate affinity. <i>Nature</i> , 2016, 532, 500-503.	13.7	48
14	The Mazon Creek Lagerstätte: a diverse late Paleozoic ecosystem entombed within siderite concretions. <i>Journal of the Geological Society</i> , 2019, 176, 1-11.	0.9	46
15	Decay of velvet worms (Onychophora), and bias in the fossil record of lobopodians. <i>BMC Evolutionary Biology</i> , 2014, 14, 222.	3.2	45
16	Experimental analysis of soft-tissue fossilization: opening the black box. <i>Palaeontology</i> , 2018, 61, 317-323.	1.0	45
17	Pigmented anatomy in Carboniferous cyclostomes and the evolution of the vertebrate eye. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161151.	1.2	44
18	Bromalites from the Soom Shale Lagerstätte (Upper Ordovician) of South Africa: palaeoecological and palaeobiological implications. <i>Palaeontology</i> , 2006, 49, 857-871.	1.0	38

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19	Chitinozoans and the age of the Soom Shale, an Ordovician black shale Lagerstätte, South Africa. <i>Journal of Micropalaeontology</i> , 2009, 28, 53-66.	1.3	38
20	Lamellate book-gills in a late Ordovician eurypterid from the Soom Shale, South Africa: support for a eurypterid-scorpion clade. <i>Lethaia</i> , 2007, 32, 72-74.	0.6	37
21	The earliest myodocopes: ostracodes from the late Ordovician Soom Shale Lagerstätte of South Africa. <i>Lethaia</i> , 2003, 36, 151-160.	0.6	32
22	The chemistry of American and African amber, copal, and resin from the genus <i>Hymenaea</i> . <i>Organic Geochemistry</i> , 2017, 113, 43-54.	0.9	31
23	The Soom Shale: a unique Ordovician fossil horizon in South Africa. <i>Geology Today</i> , 1994, 10, 218-221.	0.3	30
24	Eolian input into the Late Ordovician postglacial Soom Shale, South Africa. <i>Geology</i> , 2010, 38, 1103-1106.	2.0	30
25	A 17- μ m element conodont apparatus from the Soom Shale Lagerstätte (Upper Ordovician), South Africa. <i>Palaeontology</i> , 2013, 56, 261-276.	1.0	27
26	Unusual anal fin in a Devonian jawless vertebrate reveals complex origins of paired appendages. <i>Biology Letters</i> , 2013, 9, 20130002.	1.0	26
27	The late Ordovician Soom Shale Lagerstätte: an extraordinary post-glacial fossil and sedimentary record. <i>Journal of the Geological Society</i> , 2017, 174, 1-9.	0.9	26
28	Ancient amino acids from fossil feathers in amber. <i>Scientific Reports</i> , 2019, 9, 6420.	1.6	25
29	Host-specific infestation in early Cambrian worms. <i>Nature Ecology and Evolution</i> , 2017, 1, 1465-1469.	3.4	24
30	Brachiopoda from the Soom Shale Lagerstätte (Upper Ordovician, South Africa). <i>Journal of Paleontology</i> , 2009, 83, 614-623.	0.5	23
31	Conodonts and the first vertebrates. <i>Endeavour</i> , 1995, 19, 20-27.	0.1	22
32	The impact of taphonomic data on phylogenetic resolution: <i>Helenodora inopinata</i> (Carboniferous). <i>Trends in Ecology and Evolution</i> , 2018, 33, 18-24.	3.2	18
33	Chitinozoan chains and cocoons from the Upper Ordovician Soom Shale Lagerstätte, South Africa: implications for affinity. <i>Journal of the Geological Society</i> , 1998, 155, 447-452.	0.9	17
34	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
35	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
36	Taphonomy and palaeoecology of a Late Ordovician caryocaridid from the Soom Shale Lagerstätte, South Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 251, 383-397.	1.0	13

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37	The Chengjiang Biota inhabited a deltaic environment. <i>Nature Communications</i> , 2022, 13, 1569.	5.8	13
38	AN ORDOVICIAN LOBOPODIAN FROM THE SOOM SHALE LAGERSTÄTTE, SOUTH AFRICA. <i>Palaeontology</i> , 2009, 52, 561-567.	1.0	12
39	Unlocking preservation bias in the amber insect fossil record through experimental decay. <i>PLoS ONE</i> , 2018, 13, e0195482.	1.1	12
40	A review of preservational variation of fossil inclusions in amber of different chemical groups. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2016, 107, 203-211.	0.3	10
41	Late Ordovician (Hirnantian) scolecodont clusters from the Soom Shale Lagerstätte, South Africa. <i>Journal of Micropalaeontology</i> , 2008, 27, 147-159.	1.3	9
42	A chancelloriid-like metazoan from the early Cambrian Chengjiang Lagerstätte, China. <i>Scientific Reports</i> , 2014, 4, 7340.	1.6	9
43	A new species of the artiopodan 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
44	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
45	A new xandarellid euarthropod from the Cambrian Chengjiang biota, Yunnan Province, China. <i>Geological Magazine</i> , 2019, 156, 1375-1384.	0.9	4
46	Systematic analysis of exceptionally preserved fossils: correlated patterns of decay and preservation. <i>Palaeontology</i> , 2021, 64, 789-803.	1.0	4
47	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
48	Pedagogic Research: The new frontier?. <i>Planet</i> , 2002, 5, 11-12.	0.1	0