

Jason M Hilton

List of Publications by Year in descending order

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129
papers

4,162
citations

147801

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h-index

138484

58
g-index

130
all docs

130
docs citations

130
times ranked

2214
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental crises at the Permian–Triassic mass extinction. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 197-214.	29.7	78
2	Volcanically-Induced Environmental and Floral Changes Across the Triassic-Jurassic (T-J) Transition. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	5
3	Diachronous end-Permian terrestrial ecosystem collapse with its origin in wildfires. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 594, 110960.	2.3	12
4	Correlative tomography of an exceptionally preserved Jurassic ammonite implies hyponome-propelled swimming. <i>Geology</i> , 2022, 50, 397-401.	4.4	10
5	Widespread wildfires linked to early Albian Ocean Anoxic Event 1b: Evidence from the Fuxin lacustrine basin, NE China. <i>Global and Planetary Change</i> , 2022, 215, 103858.	3.5	13
6	A 298-million-year-old gleicheniaceus fern from China. <i>Review of Palaeobotany and Palynology</i> , 2021, 294, 104355.	1.5	6
7	<i>Yangopteris ascendens</i> (Halle) gen. et comb. nov., a climbing alethopterid pteridosperm from the Asselian (earliest Permian) Wuda Tuff Flora. <i>Review of Palaeobotany and Palynology</i> , 2021, 294, 104282.	1.5	9
8	Palaeobiogeographical implications of the earliest botryopterid ferns in Cathaysia. <i>Historical Biology</i> , 2021, 33, 2577-2583.	1.4	5
9	Reconstructing development of the earliest seed integuments raises a new hypothesis for the evolution of ancestral seed-bearing structures. <i>New Phytologist</i> , 2021, 229, 1782-1794.	7.3	13
10	A high-resolution timescale for the Miocene Shanwang diatomaceous shale lagerstätte (China): development of Wavelet Scale Series Analysis for cyclostratigraphy. <i>Geosciences Journal</i> , 2021, 25, 561-574.	1.2	2
11	Ancient noeggerathalean reveals the seed plant sister group diversified alongside the primary seed plant radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
12	Records of volcanism and organic carbon isotopic composition ($\delta^{13}\text{C}_{\text{org}}$) linked to changes in atmospheric $p\text{CO}_2$ and climate during the Pennsylvanian icehouse interval. <i>Chemical Geology</i> , 2021, 570, 120168.	3.3	16
13	Depositional environment and hydrothermal controls on organic matter enrichment in the lower Cambrian Niutitang shale, southern China. <i>AAPG Bulletin</i> , 2021, 105, 1329-1356.	1.5	15
14	Palaeobotanical experiences of plant diversity in deep time. 1: How well can we identify past plant diversity in the fossil record?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 576, 110481.	2.3	20
15	Records of organic carbon isotopic composition ($\delta^{13}\text{C}_{\text{org}}$) and volcanism linked to changes in atmospheric $p\text{CO}_2$ and climate during the Late Paleozoic Icehouse. <i>Global and Planetary Change</i> , 2021, 207, 103654.	3.5	21
16	Volcanically driven lacustrine ecosystem changes during the Carnian Pluvial Episode (Late Triassic). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	50
17	Palaeobotanical experiences of plant diversity in deep time. 2: How to measure and analyse past plant biodiversity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 580, 110618.	2.3	15
18	Stem diversity of the marattialean tree fern family Psaroniaceae from the earliest Permian Wuda Tuff Flora. <i>Review of Palaeobotany and Palynology</i> , 2021, 294, 104378.	1.5	8

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19	Exploring the stem to crown group transition in Marattiales: A new species of frond from the late Permian of China with features of the Psaroniaceae and Marattiaceae. <i>Review of Palaeobotany and Palynology</i> , 2021, 295, 104506.	1.5	4
20	Hydrasperman pteridosperm ovules from the Permian of China: palaeoecological and palaeobiogeographic implications. <i>Historical Biology</i> , 2021, 33, 3361-3367.	1.4	0
21	A new gigantopterid genus from the late Permian of the Daha Coalfield, Tibetan Plateau and its implication on plant-insect interactions. <i>Historical Biology</i> , 2021, 33, 3228-3240.	1.4	5
22	Controls on accumulation of anomalously thick coals: Implications for sequence stratigraphic analysis. <i>Sedimentology</i> , 2020, 67, 991-1013.	3.1	14
23	An advanced species of the fern <i>Botryopteris Renault</i> from the Permian of southwestern China. <i>Review of Palaeobotany and Palynology</i> , 2020, 273, 104136.	1.5	7
24	Terrestrial organic carbon isotopic composition ($\delta^{13}C_{org}$) and environmental perturbations linked to Early Jurassic volcanism: Evidence from the Qinghai-Tibet Plateau of China. <i>Global and Planetary Change</i> , 2020, 195, 103331.	3.5	17
25	A Small Heterophyllous Vine Climbing on <i>Psaronius</i> and <i>Cordaites</i> Trees in the Earliest Permian Forests of North China. <i>International Journal of Plant Sciences</i> , 2020, 181, 616-645.	1.3	11
26	Death in the shallows: The record of Permo-Triassic mass extinction in paralic settings, southwest China. <i>Global and Planetary Change</i> , 2020, 189, 103176.	3.5	28
27	Continental records of organic carbon isotopic composition ($\delta^{13}C_{org}$), weathering, paleoclimate and wildfire linked to the End-Permian Mass Extinction. <i>Chemical Geology</i> , 2020, 558, 119764.	3.3	30
28	Carbon-isotope, petrological and floral record in coals: Implication for Bajocian (Middle Jurassic) climate change. <i>International Journal of Coal Geology</i> , 2020, 220, 103417.	5.0	18
29	Evaluating episodic hydrothermal activity in South China during the early Cambrian: Implications for biotic evolution. <i>Marine and Petroleum Geology</i> , 2020, 117, 104355.	3.3	17
30	Continental chemical weathering during the Early Cretaceous Oceanic Anoxic Event (OAE1b): a case study from the Fuxin fluvio-lacustrine basin, Liaoning Province, NE China. <i>Journal of Palaeogeography</i> , 2020, 9, .	1.9	12
31	<i>Xuanweioxylon damogouense</i> sp. nov., a gymnosperm stem from the Lopingian (late Permian) of southwestern China and its systematic and paleoecological implications. <i>Review of Palaeobotany and Palynology</i> , 2019, 269, 94-103.	1.5	5
32	A Charcoalified Ovule Adapted for Wind Dispersal and Deterring Herbivory from the Late Viséan (Carboniferous) of Scotland. <i>International Journal of Plant Sciences</i> , 2019, 180, 1059-1074.	1.3	4
33	The Anatomically Preserved Tripinnate Frond <i>Rothwellopteris pecopteroides</i> gen. et sp. nov. from the Latest Permian of South China: Timing the Stem to Crown Group Transition in Marattiales. <i>International Journal of Plant Sciences</i> , 2019, 180, 869-881.	1.3	13
34	Reinvestigation of the Enigmatic Carboniferous Sphenophyte <i>Strobilus cheirostrobilus</i> Scott and Implications of In Situ <i>Retusotriletes</i> Spores. <i>International Journal of Plant Sciences</i> , 2019, 180, 811-833.	1.3	3
35	How deep is the conflict between molecular and fossil evidence on the age of angiosperms?. <i>New Phytologist</i> , 2019, 223, 83-99.	7.3	119
36	Sequence stratigraphic interpretation of peatland evolution in thick coal seams: Examples from Yimin Formation (Early Cretaceous), Hailaer Basin, China. <i>International Journal of Coal Geology</i> , 2018, 196, 211-231.	5.0	21

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37	Natural gas potential of Carboniferous and Permian transitional shales in central Hunan, South China. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 55, 520-533.	4.4	12
38	Geologic characterization of a lower Cambrian marine shale: Implications for shale gas potential in northwestern Hunan, South China. <i>Interpretation</i> , 2018, 6, T635-T647.	1.1	7
39	Anatomically preserved <i>Strobilium</i> and leaves from the Permian of China (Dorsalistachyaceae, fam.) <i>Tj ETQq1 1 0.784314 rgBT /Ov</i> <i>American Journal of Botany</i> , 2017, 104, 127-149.	1.7	25
40	Depositional model for peat swamp and coal facies evolution using sedimentology, coal macerals, geochemistry and sequence stratigraphy. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 1163-1177.	3.2	17
41	Peltaspermalean seed ferns with preserved cuticle from the Upper Triassic Karamay Formation in the Junggar Basin, northwestern China. <i>Review of Palaeobotany and Palynology</i> , 2017, 247, 68-82.	1.5	5
42	Redefining the Age of the Cenozoic Shanwang Formation in Shanwang Basin. <i>Acta Geologica Sinica</i> , 2017, 91, 1491-1492.	1.4	3
43	New insights into Mesozoic cycad evolution: an exploration of anatomically preserved Cycadaceae seeds from the Jurassic Oxford Clay biota. <i>PeerJ</i> , 2017, 5, e3723.	2.0	7
44	<i>Becklesia maulnyi</i> sp. nov.: A new cycadean species from the Lower Oxfordian (Upper Jurassic) of <i>Å%commoy</i> (Sarthe, NW France). <i>Annales De Paleontologie</i> , 2016, 102, 95-101.	0.5	3
45	Age and identity of the oldest pine fossils: COMMENT. <i>Geology</i> , 2016, 44, e400-e401.	4.4	4
46	<i>Gigantopteris Schenk ex Yabe</i> in the Capitanian–Wuchiapingian (middle-late Permian) flora of central Shanxi in North China: Palaeobiogeographical and palaeoecological implications. <i>Journal of Asian Earth Sciences</i> , 2016, 116, 115-121.	2.3	9
47	Palynological constraints on the provenance and stratigraphic range of a Lopingian (Late Permian) inter-extinction floral lagerstätte from the Xuanwei Formation, Guizhou Province, China. <i>International Journal of Coal Geology</i> , 2016, 162, 139-150.	5.0	8
48	Stratigraphy, palaeoenvironments and palaeoecology of the Loch Humphrey Burn lagerstätte and other Mississippian palaeobotanical localities of the Kilpatrick Hills, southwest Scotland. <i>PeerJ</i> , 2016, 4, e1700.	2.0	2
49	<i>Paurodendron stellatum</i> : A new Permian permineralized herbaceous lycopsid from the Prince Charles Mountains, Antarctica. <i>Review of Palaeobotany and Palynology</i> , 2015, 220, 1-15.	1.5	21
50	Middle Jurassic evidence for the origin of Cupressaceae: A paleobotanical context for the roles of regulatory genetics and development in the evolution of conifer seed cones. <i>American Journal of Botany</i> , 2015, 102, 942-961.	1.7	54
51	A high-latitude Gondwanan lagerstätte: The Permian permineralised peat biota of the Prince Charles Mountains, Antarctica. <i>Gondwana Research</i> , 2015, 27, 1446-1473.	6.0	81
52	<i>Tiania yunnanense</i> gen. et sp. nov., an osmundalean stem from the Upper Permian of southwestern China previously placed within <i>Palaeosmunda</i> . <i>Review of Palaeobotany and Palynology</i> , 2014, 210, 37-49.	1.5	18
53	~Pollen cones and associated leaves from the Lower Cretaceous of China and a re-evaluation of Mesozoic male cycad cones™: designation of a type and validation of <i>Schimperstrobilus</i> gen. nov.. <i>Journal of Systematic Palaeontology</i> , 2014, 12, 1025-1025.	1.5	2
54	Pollen cones and associated leaves from the Lower Cretaceous of China and a re-evaluation of Mesozoic male cycad cones. <i>Journal of Systematic Palaeontology</i> , 2014, 12, 1001-1023.	1.5	14

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55	Hooked: Habits of the Chinese Permian gigantopterid <i>Gigantonoclea</i> . <i>Journal of Asian Earth Sciences</i> , 2014, 83, 80-90.	2.3	10
56	Reconstructing relative genome size of vascular plants through geological time. <i>New Phytologist</i> , 2014, 201, 636-644.	7.3	39
57	The anatomically preserved stem <i>Zhongmingella</i> gen. nov. from the Upper Permian of China: evaluating the early evolution and phylogeny of the Osmundales. <i>Journal of Systematic Palaeontology</i> , 2014, 12, 1-22.	1.5	31
58	Which name(s) should be used for <i>Araucaria</i> -like fossil wood? Results of a poll. <i>Taxon</i> , 2014, 63, 177-184.	0.7	69
59	X-ray Synchrotron Microtomography of a silicified Jurassic Cheirolepidiaceae (Conifer) cone: histology and morphology of <i>Pararaucaria collinsonae</i> sp. nov.. <i>PeerJ</i> , 2014, 2, e624.	2.0	16
60	<i>Xuanweioxylon scalariforme</i> gen. et sp. nov.: Novel Permian coniferophyte stems with scalariform bordered pitting on secondary xylem tracheids. <i>Review of Palaeobotany and Palynology</i> , 2013, 197, 152-165.	1.5	13
61	Revision of the Cretaceous fossil plant-assemblage from Gardeshwar (Gujarat, India): A conifer dominated floral association from an Upper Gondwana sequence on the West Coast of India. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 128-138.	2.3	3
62	Species of the medullosan ovule <i>Stephanospermum</i> from the Lopingian (late Permian) floras of China. <i>Journal of Asian Earth Sciences</i> , 2013, 76, 59-69.	2.3	8
63	A unique trunk of Psaroniaceae (Marattiales) <i>Psaronius xuii</i> sp. nov., and subdivision of the genus <i>Psaronius</i> Cotta. <i>Review of Palaeobotany and Palynology</i> , 2013, 197, 1-14.	1.5	21
64	Diversity of Ancient Conifers: The Jurassic Seed Cone <i>Bancroftiastrobus digitata</i> gen. et sp. nov. (Coniferales). <i>International Journal of Plant Sciences</i> , 2013, 174, 937-946.	1.3	3
65	Were All Devonian Seeds Cupulate? A Reinvestigation of <i>Pseudosporogonites hallei</i> , <i>Xenotheca bertrandii</i> , and <i>Aglosperma</i> spp.. <i>International Journal of Plant Sciences</i> , 2013, 174, 832-851.	1.3	18
66	Combined methodologies for three-dimensional reconstruction of fossil plants preserved in siderite nodules: <i>Stephanospermum braidwoodensis</i> nov. sp. (Medullosales) from the Mazon Creek lagerstätte. <i>Review of Palaeobotany and Palynology</i> , 2013, 188, 1-17.	1.5	16
67	Several developmental and morphogenetic factors govern the evolution of stomatal patterning in land plants. <i>New Phytologist</i> , 2013, 200, 598-614.	7.3	87
68	Peronosporomycetes (Oomycota) from a Middle Permian Permineralised Peat within the Bainmedart Coal Measures, Prince Charles Mountains, Antarctica. <i>PLoS ONE</i> , 2013, 8, e70707.	2.5	26
69	Reconsidering Relationships among Stem and Crown Group Pinaceae: Oldest Record of the Genus <i>Pinus</i> from the Early Cretaceous of Yorkshire, United Kingdom. <i>International Journal of Plant Sciences</i> , 2012, 173, 917-932.	1.3	47
70	The seed cone <i>Eathiestrobus</i> gen. nov.: Fossil evidence for a Jurassic origin of Pinaceae. <i>American Journal of Botany</i> , 2012, 99, 708-720.	1.7	65
71	First cladoceran fossils from the Carboniferous: Palaeoenvironmental and evolutionary implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 344-345, 39-48.	2.3	18
72	Animal-plant interactions in a Middle Permian permineralised peat of the Bainmedart Coal Measures, Prince Charles Mountains, Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 363-364, 109-126.	2.3	62

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73	Common ground between two British Pennsylvanian wetland floras: Using large, first-hand datasets to assess utility of historical museum collections. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 308, 405-417.	2.3	10
74	Recurrent abnormalities in conifer cones and the evolutionary origins of flower-like structures. <i>Trends in Plant Science</i> , 2011, 16, 151-159.	8.8	40
75	Late Palaeozoic terrestrial habitats and biotas: the effect of changing climates. <i>Journal of the Geological Society</i> , 2011, 168, 545-546.	2.1	4
76	Callistophytalean pteridosperms from Permian aged floras of China. <i>Palaeontology</i> , 2011, 54, 287-302.	2.2	6
77	Structure and relationships of the Jurassic conifer seed cone <i>Hughmillerites juddii</i> gen. et comb. nov.: Implications for the origin and evolution of Cupressaceae. <i>Review of Palaeobotany and Palynology</i> , 2011, 164, 45-59.	1.5	53
78	Guadalupian (Middle Permian) megaspores from a permineralised peat in the Bainmedart Coal Measures, Prince Charles Mountains, Antarctica. <i>Review of Palaeobotany and Palynology</i> , 2011, 167, 140-155.	1.5	24
79	Sedimentology and sequence stratigraphy of the Lopingian (Late Permian) coal measures in southwestern China. <i>International Journal of Coal Geology</i> , 2011, 85, 168-183.	5.0	75
80	Radiation and extinction patterns in Permian floras from North China as indicators for environmental and climate change. <i>Journal of the Geological Society</i> , 2011, 168, 607-619.	2.1	66
81	The Middle Permian (Capitanian) mass extinction on land and in the oceans. <i>Earth-Science Reviews</i> , 2010, 102, 100-116.	9.1	140
82	(175-176) Proposals to modify the provisions in the Code for naming fossil plants. <i>Taxon</i> , 2010, 59, 1607-1609.	0.7	0
83	Systematics, Phylogenetics, and Reproductive Biology of <i>Flemingites arcuatus</i> sp. nov., an Exceptionally Preserved and Partially Reconstructed Carboniferous Arborescent Lycopsid. <i>International Journal of Plant Sciences</i> , 2010, 171, 783-808.	1.3	18
84	Palaeobotanical systematics for the phylogenetic age: applying organspecies, form-species and phylogenetic species concepts in a framework of reconstructed fossil and extant whole-plants. <i>Taxon</i> , 2009, 58, 1254-1280.	0.7	72
85	Ontogeny and ecology of the filicalean fern <i>Oligocarpia gothanii</i> (Gleicheniaceae) from the Middle Permian of China. <i>American Journal of Botany</i> , 2009, 96, 475-486.	1.7	11
86	A Revision of the Pennsylvanian Aged <i>Eremopteris</i> Bearing Seed Plant. <i>International Journal of Plant Sciences</i> , 2009, 170, 666-698.	1.3	10
87	Cordaitalean Seed Plants from the Early Permian of North China. II. Reconstruction of <i>Cordaixylon tianii</i> . <i>International Journal of Plant Sciences</i> , 2009, 170, 400-418.	1.3	38
88	Anatomically Preserved Pteridosperm Stems and Rachises from Permian Floras of China. <i>International Journal of Plant Sciences</i> , 2009, 170, 814-828.	1.3	32
89	Cordaitalean Seed Plants from the Early Permian of North China. III. Reconstruction of the <i>Shanxiioxylon taiyuanense</i> Plant. <i>International Journal of Plant Sciences</i> , 2009, 170, 951-967.	1.3	32
90	Re-evaluation of Halle's fertile pteridosperms from the Permian floras of Shanxi Province, China. <i>Plant Systematics and Evolution</i> , 2009, 279, 191-218.	0.9	13

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91	Anatomically preserved marattialean plants from the Upper Permian of southwestern China: the trunk of <i>Psaronius panxianensis</i> sp. nov.. <i>Plant Systematics and Evolution</i> , 2008, 272, 155-180.	0.9	19
92	Anatomically preserved lepidodendralean plants from lower permian coal balls of northern China: <i>Achlamydocarpon intermedium</i> sp. nov.. <i>Plant Systematics and Evolution</i> , 2008, 273, 71-85.	0.9	9
93	Resolving the age of the Mesozoic Kuar Bet Beds (Kachchh, Gujarat, India): A reinvestigation of palaeobotanical and palynological assemblages. <i>Journal of Asian Earth Sciences</i> , 2007, 30, 457-463.	2.3	7
94	The relationship between Euramerican and Cathaysian tropical floras in the Late Palaeozoic: Palaeobiogeographical and palaeogeographical implications. <i>Earth-Science Reviews</i> , 2007, 85, 85-116.	9.1	133
95	Pollen cone anatomy of <i>Classostrobus crossii</i> sp. nov. (Cheirolepidiaceae). <i>International Journal of Coal Geology</i> , 2007, 69, 55-67.	5.0	25
96	Permineralized Seed Plants from the Late Permian of Southern China: A New Species of <i>Cardiocarpus</i> . <i>International Journal of Plant Sciences</i> , 2006, 167, 1247-1257.	1.3	16
97	Morphological and molecular phylogenetic context of the angiosperms: contrasting the 'top-down' and 'bottom-up' approaches used to infer the likely characteristics of the first flowers. <i>Journal of Experimental Botany</i> , 2006, 57, 3471-3503.	4.8	126
98	<i>Achlamydocarpon pingquanensis</i> sp. nov. (Lycopsida): A Novel, Anatomically Preserved Lepidodendralean Dissemimule from the Lower Permian of North China. <i>International Journal of Plant Sciences</i> , 2006, 167, 567-577.	1.3	7
99	A new species of the marattialean fern <i>Scoleopteris</i> (Zenker) Millay from the uppermost Permian of Guizhou Province, south-western China. <i>Botanical Journal of the Linnean Society</i> , 2006, 151, 279-288.	1.6	14
100	A large anatomically preserved calamitean stem from the Upper Permian of southwest China and its implications for calamitean development and functional anatomy. <i>Plant Systematics and Evolution</i> , 2006, 261, 229-244.	0.9	20
101	The Jehol Biota (Lower Cretaceous, China): new discoveries and future prospects. <i>Integrative Zoology</i> , 2006, 1, 15-17.	2.6	20
102	Cupulate seed plants from the Upper Devonian Upper Old Red Sandstone at Taffs Well, South Wales. <i>Review of Palaeobotany and Palynology</i> , 2006, 142, 137-151.	1.5	13
103	Pteridosperms are the backbone of seed-plant phylogeny ¹ . <i>Journal of the Torrey Botanical Society</i> , 2006, 133, 119-168.	0.3	261
104	Givetian (Middle Devonian) cladoxylopid "ferns"™ from Orkney, northern Scotland. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2006, 97, 65-73.	0.7	1
105	An Upper Permian permineralized plant assemblage in volcanoclastic tuff from the Xuanwei Formation, Guizhou Province, southern China, and its palaeofloristic significance. <i>Geological Magazine</i> , 2004, 141, 661-674.	1.5	50
106	Defining the gigantopterid concept: a reinvestigation of <i>Gigantopteris</i> (<i>Megalopteris</i>) <i>nicotianaefolia</i> Schenck and its taxonomic implications. <i>Palaeontology</i> , 2004, 47, 1339-1361.	2.2	30
107	Foliar physiognomy in Cathaysian gigantopterids and the potential to track Palaeozoic climates using an extinct plant group. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 205, 69-110.	2.3	38
108	A new species of permineralised cardiocarpalean ovule from the Early Permian Taiyuan Formation of northern China. <i>Review of Palaeobotany and Palynology</i> , 2003, 123, 303-319.	1.5	12

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109	A new species of the sphenopsid stem <i>Arthropitys</i> from Late Permian volcanoclastic sediments of China. <i>Review of Palaeobotany and Palynology</i> , 2003, 126, 65-81.	1.5	24
110	Foliar herbivory in Late Palaeozoic Cathaysian gigantopterids. <i>Review of Palaeobotany and Palynology</i> , 2003, 127, 125-132.	1.5	50
111	Reinvestigation of <i>Cardiocarpus minor</i> (Wang) Li nomen nudum from the Lower Permian of China and its implications for seed plant taxonomy, systematics and phylogeny. <i>Botanical Journal of the Linnean Society</i> , 2003, 141, 151-175.	1.6	21
112	An exceptionally preserved Lower Cretaceous ecosystem. <i>Nature</i> , 2003, 421, 807-814.	27.8	589
113	Reinvestigation of <i>Nystroemia pectiniformis</i> Halle, an enigmatic seed plant from the Upper Permian of China. <i>Palaeontology</i> , 2003, 46, 29-51.	2.2	13
114	Testing the climatic estimates from different palaeobotanical methods: an example from the Middle Miocene Shanwang flora of China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 198, 279-301.	2.3	88
115	Cordaitalean Seed Plants from the Early Permian of North China. I. Delimitation and Reconstruction of the <i>Shanxioxylon sinense</i> Plant. <i>International Journal of Plant Sciences</i> , 2003, 164, 89-112.	1.3	53
116	A Novel Late Devonian (Frasnian) Woody Cladoxylopsid from China. <i>International Journal of Plant Sciences</i> , 2003, 164, 793-805.	1.3	40
117	Paleoenvironments and paleogeography of the Lower and lower Middle Jurassic coal measures in the Turpan-Hami oil-prone coal basin, northwestern China. <i>AAPG Bulletin</i> , 2003, 87, 335-355.	1.5	74
118	Callospermarion ovules from the Early Permian of northern China: palaeofloristic and palaeogeographic significance of callistophytalean seed-ferns in the Cathaysian flora. <i>Review of Palaeobotany and Palynology</i> , 2002, 120, 301-314.	1.5	47
119	Fertile pinnules of <i>Danaeites rigida</i> Gu and Zhi (Marattiales) from the Upper Permian of south China. <i>Botanical Journal of the Linnean Society</i> , 2001, 136, 107-117.	1.6	21
120	A new genus of filicalean fern from the Lower Permian of China. <i>Botanical Journal of the Linnean Society</i> , 2001, 137, 429-442.	1.6	23
121	Permineralized <i>Cardiocarpalean</i> Ovules in Wetland Vegetation from Early Permian Volcanoclastic Sediments of China. <i>Palaeontology</i> , 2001, 44, 811-825.	2.2	31
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123	<i>Zhutheca</i> Liu, Li et Hilton gen. nov., the fertile pinnules of <i>Fascipteris densata</i> Gu et Zhi and their significance in marattialean evolution. <i>Review of Palaeobotany and Palynology</i> , 2000, 109, 149-160.	1.5	12
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126	<i>Batenburgia sakmarica</i> Hilton et Geng, gen. et sp. nov., a new genus of conifer from the Lower Permian of China. <i>Review of Palaeobotany and Palynology</i> , 1998, 103, 263-287.	1.5	11

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127	Frasnian (Upper Devonian) evidence for multiple origins of seed-like structures. <i>Botanical Journal of the Linnean Society</i> , 1997, 123, 133-146.	1.6	16
128	A new Late Devonian acupulate preovule from the Taff Gorge, South Wales. <i>Review of Palaeobotany and Palynology</i> , 1996, 93, 235-252.	1.5	23
129	Resolving the systematic and phylogenetic position of isolated ovules: a case study on a new genus from the Permian of China. <i>Botanical Journal of the Linnean Society</i> , 0, 164, 84-108.	1.6	17