

Shucheng Xie

List of Publications by Year in descending order

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184
papers

8,675
citations

44069

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86
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all docs

186
docs citations

186
times ranked

5581
citing authors

#	ARTICLE	IF	CITATIONS
1	Holocene forcing of East Asian hydroclimate recorded in a subtropical peatland from southeastern China. <i>Climate Dynamics</i> , 2023, 60, 981-993.	3.8	6
2	Variations in wetland hydrology drive rapid changes in the microbial community, carbon metabolic activity, and greenhouse gas fluxes. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 317, 269-285.	3.9	20
3	Evolution of biotic carbon pumps in Earth history: Microbial roles as a carbon sink in oceans. <i>Chinese Science Bulletin</i> , 2022, 67, 1715-1726.	0.7	7
4	Intensified continental chemical weathering and carbon-cycle perturbations linked to volcanism during the Triassic-Jurassic transition. <i>Nature Communications</i> , 2022, 13, 299.	12.8	49
5	A \sim 60-Ma-long, high-resolution record of Ediacaran paleotemperature. <i>Science Bulletin</i> , 2022, 67, 910-913.	9.0	5
6	Episodic massive release of methane during the mid-Cretaceous greenhouse. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2958-2970.	3.3	4
7	Peatland degradation in Asia threatens the biodiversity of testate amoebae (Protozoa) with consequences for protozoic silicon cycling. <i>Geoderma</i> , 2022, 420, 115870.	5.1	2
8	Wildfire response to rapid climate change during the Permian-Triassic biotic crisis. <i>Global and Planetary Change</i> , 2022, 215, 103872.	3.5	7
9	Biomarker evidence of algal-microbial community changes linked to redox and salinity variation, Upper Devonian Chattanooga Shale (Tennessee, USA). <i>Bulletin of the Geological Society of America</i> , 2021, 133, 409-424.	3.3	25
10	Mercury fluxes record regional volcanism in the South China craton prior to the end-Permian mass extinction. <i>Geology</i> , 2021, 49, 452-456.	4.4	57
11	The elemental enrichments at Dajiuhe Peatland in the Middle Yangtze Valley in response to changes in East Asian monsoon and human activity since 20,000 cal BP. <i>Science of the Total Environment</i> , 2021, 757, 143990.	8.0	17
12	How Does Sphagnum Growing Affect Testate Amoeba Communities and Corresponding Protozoic Si Pools? Results from Field Analyses in SW China. <i>Microbial Ecology</i> , 2021, 82, 459-469.	2.8	7
13	Developing a continental-scale testate amoeba hydrological transfer function for Asian peatlands. <i>Quaternary Science Reviews</i> , 2021, 258, 106868.	3.0	16
14	Hydrocarbon compound evidence in marine successions of South China for frequent wildfires during the Permian-Triassic transition. <i>Global and Planetary Change</i> , 2021, 200, 103472.	3.5	7
15	Asian monsoon evolution linked to Pacific temperature gradients since the Late Miocene. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116882.	4.4	18
16	Leaf Wax and $\delta^{13}C$ Isotope Evidence for High-Latitude Dust Input to the Central South China Sea and Its Implication for Fertilization. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091853.	4.0	5
17	Variation of branched tetraethers with soil depth in relation to non-temperature factors: Implications for paleoclimate reconstruction. <i>Chemical Geology</i> , 2021, 572, 120211.	3.3	14
18	Global calibration of novel 3-hydroxy fatty acid based temperature and pH proxies. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 302, 101-119.	3.9	11

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19	Variations in dissolved O ₂ in a Chinese lake drive changes in microbial communities and impact sedimentary GDGT distributions. <i>Chemical Geology</i> , 2021, 579, 120348.	3.3	40
20	Appraisal of paleoclimate indices based on bacterial 3-hydroxy fatty acids in 20 Chinese alkaline lakes. <i>Organic Geochemistry</i> , 2021, 160, 104277.	1.8	4
21	The Early Pliocene global expansion of C ₄ grasslands: A new organic carbon-isotopic dataset from the north China plain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109454.	2.3	12
22	A new sea surface temperature proxy based on bacterial 3-hydroxy fatty acids. <i>Organic Geochemistry</i> , 2020, 141, 103975.	1.8	13
23	Glomalin-related soil protein distributions in the wetlands of the Liaohe Delta, Northeast China: Implications for carbon sequestration and mineral weathering of coastal wetlands. <i>Limnology and Oceanography</i> , 2020, 65, 979-991.	3.1	14
24	Distribution of pyrolytic PAHs across the Triassic-Jurassic boundary in the Sichuan Basin, southwestern China: Evidence of wildfire outside the Central Atlantic Magmatic Province. <i>Earth-Science Reviews</i> , 2020, 201, 102970.	9.1	27
25	Land-use change effects on protozoic silicon pools in the Dajiuhe National Wetland Park, China. <i>Geoderma</i> , 2020, 368, 114305.	5.1	10
26	Holocene peatland water regulation response to ~1000-year solar cycle indicated by phytoliths in central China. <i>Journal of Hydrology</i> , 2020, 589, 125169.	5.4	12
27	Surface soil n-alkane molecular and $\delta^{13}C$ distributions along a precipitation transect in northeastern China. <i>Organic Geochemistry</i> , 2020, 144, 104015.	1.8	6
28	Massive formation of early diagenetic dolomite in the Ediacaran ocean: Constraints on the "dolomite problem". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14005-14014.	7.1	78
29	Assessing the applicability of the long-chain diol (LDI) temperature proxy in the high-temperature South China Sea. <i>Organic Geochemistry</i> , 2020, 144, 104017.	1.8	4
30	Speleothem biomarker evidence for a negative terrestrial feedback on climate during Holocene warm periods. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115754.	4.4	5
31	Mercury evidence of intense volcanic effects on land during the Permian-Triassic transition. <i>Geology</i> , 2019, 47, 1117-1121.	4.4	89
32	Multiple environmental and ecological controls on archaeal ether lipid distributions in saline ponds. <i>Chemical Geology</i> , 2019, 529, 119293.	3.3	9
33	Distribution of microbial lipids at an acid mine drainage site in China: Insights into microbial adaptation to extremely low pH conditions. <i>Organic Geochemistry</i> , 2019, 134, 77-91.	1.8	13
34	The potential of biomarker proxies to trace climate, vegetation, and biogeochemical processes in peat: A review. <i>Global and Planetary Change</i> , 2019, 179, 57-79.	3.5	82
35	A 13,000-year peatland palaeohydrological response to the ENSO-related Asian monsoon precipitation changes in the middle Yangtze Valley. <i>Quaternary Science Reviews</i> , 2019, 212, 80-91.	3.0	68
36	Intensified Ocean Deoxygenation During the end Devonian Mass Extinction. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 6187-6198.	2.5	9

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37	Rapid response of fossil tetraether lipids in lake sediments to seasonal environmental variables in a shallow lake in central China: Implications for the use of tetraether-based proxies. <i>Organic Geochemistry</i> , 2019, 128, 108-121.	1.8	38
38	Lipid biomarkers for the reconstruction of deep-time environmental conditions. <i>Earth-Science Reviews</i> , 2019, 189, 99-124.	9.1	39
39	Tectonomicrobiology: A new paradigm for geobiological research. <i>Science China Earth Sciences</i> , 2018, 61, 494-498.	5.2	1
40	Different temperature dependence of the bacterial brGDGT isomers in 35 Chinese lake sediments compared to that in soils. <i>Organic Geochemistry</i> , 2018, 119, 72-79.	1.8	81
41	Nitrogen fixation sustained productivity in the wake of the Palaeoproterozoic Great Oxygenation Event. <i>Nature Communications</i> , 2018, 9, 978.	12.8	50
42	Changes in vegetation type on the Chinese Loess Plateau since 75 ka related to East Asian Summer Monsoon variation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 510, 124-139.	2.3	10
43	Multiple sulfur-isotopic evidence for a shallowly stratified ocean following the Triassic-Jurassic boundary mass extinction. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 231, 73-87.	3.9	25
44	Response of carbon cycle to drier conditions in the mid-Holocene in central China. <i>Nature Communications</i> , 2018, 9, 1369.	12.8	60
45	Assessing hydroxylated isoprenoid GDGTs as a paleothermometer for the tropical South China Sea. <i>Organic Geochemistry</i> , 2018, 115, 156-165.	1.8	19
46	Bio-Organic Geochemistry research in China: Advances, opportunities and challenges. <i>Science China Earth Sciences</i> , 2018, 61, 1775-1780.	5.2	2
47	East Asian hydroclimate modulated by the position of the westerlies during Termination I. <i>Science</i> , 2018, 362, 580-583.	12.6	190
48	The shift of biogeochemical cycles indicative of the progressive marine ecosystem collapse across the Permian-Triassic boundary: An analog to modern oceans. <i>Science China Earth Sciences</i> , 2018, 61, 1379-1383.	5.2	4
49	Holocene temperature and hydrological changes reconstructed by bacterial 3-hydroxy fatty acids in a stalagmite from central China. <i>Quaternary Science Reviews</i> , 2018, 192, 97-105.	3.0	28
50	Expansion of photic-zone euxinia during the Permian-Triassic biotic crisis and its causes: Microbial biomarker records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 474, 140-151.	2.3	25
51	Holocene ENSO-related cyclic storms recorded by magnetic minerals in speleothems of central China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 852-857.	7.1	149
52	Paleo-seawater REE compositions and microbial signatures preserved in laminae of Lower Triassic ooids. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 486, 96-107.	2.3	58
53	Mechanisms of carbon storage and the coupled carbon, nitrogen and sulfur cycles in regional seas in response to global change. <i>Science China Earth Sciences</i> , 2017, 60, 1010-1014.	5.2	4
54	Contrasting microbial community changes during mass extinctions at the Middle/Late Permian and Permian/Triassic boundaries. <i>Earth and Planetary Science Letters</i> , 2017, 460, 180-191.	4.4	48

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55	Uncovering the spatial heterogeneity of Ediacaran carbon cycling. <i>Geobiology</i> , 2017, 15, 211-224.	2.4	91
56	Tropical and high latitude forcing of enhanced megadroughts in Northern China during the last four terminations. <i>Earth and Planetary Science Letters</i> , 2017, 479, 98-107.	4.4	29
57	Distribution of branched tetraether lipids in ponds from Inner Mongolia, NE China: Insight into the source of brGDGTs. <i>Organic Geochemistry</i> , 2017, 112, 127-136.	1.8	17
58	Comparison of paleotemperature reconstructions using microbial tetraether thermometers of the Chinese loess-paleosol sequence for the past 350000 years. <i>Science China Earth Sciences</i> , 2017, 60, 1159-1170.	5.2	6
59	Comment on "Quantitative biochronology of the Permian-Triassic boundary in South China based on conodont unitary associations" by Brosse et al. (2016). <i>Earth-Science Reviews</i> , 2017, 164, 257-258.	9.1	6
60	Distribution of glycerol dialkyl glycerol tetraether (GDGT) lipids in a hypersaline lake system. <i>Organic Geochemistry</i> , 2016, 99, 113-124.	1.8	45
61	Testate amoebae as indicators of water quality and contamination in shallow lakes of the Middle and Lower Yangtze Plain. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	12
62	Antarctic link with East Asian summer monsoon variability during the Heinrich Stadial-Bölling interstadial transition. <i>Earth and Planetary Science Letters</i> , 2016, 453, 243-251.	4.4	36
63	Rapid oxygenation of Earth's atmosphere 2.33 billion years ago. <i>Science Advances</i> , 2016, 2, e1600134.	10.3	264
64	Microbial roles equivalent to geological agents of high temperature and pressure in deep Earth. <i>Science China Earth Sciences</i> , 2016, 59, 2098-2104.	5.2	8
65	Evidence of moisture control on the methylation of branched glycerol dialkyl glycerol tetraethers in semi-arid and arid soils. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 189, 24-36.	3.9	110
66	Environmental impacts on the distribution of microbial tetraether lipids in Chinese lakes with contrasting pH: Implications for lacustrine paleoenvironmental reconstructions. <i>Science China Earth Sciences</i> , 2016, 59, 939-950.	5.2	42
67	Absence of a significant bias towards summer temperature in branched tetraether-based paleothermometer at two soil sites with contrasting temperature seasonality. <i>Organic Geochemistry</i> , 2016, 94, 83-94.	1.8	37
68	Impacts of pH and temperature on soil bacterial 3-hydroxy fatty acids: Development of novel terrestrial proxies. <i>Organic Geochemistry</i> , 2016, 94, 21-31.	1.8	30
69	A highly redox-heterogeneous ocean in South China during the early Cambrian (529-514 Ma): Implications for biota-environment co-evolution. <i>Earth and Planetary Science Letters</i> , 2016, 441, 38-51.	4.4	198
70	Perturbation of the marine nitrogen cycle during the Late Ordovician glaciation and mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 448, 339-348.	2.3	44
71	The Response of Archaeal Tetraether Membrane Lipids in Surface Soils to Temperature: A Potential Paleothermometer in Paleosols. <i>Geomicrobiology Journal</i> , 2016, 33, 98-109.	2.0	19
72	Contrasting distributions of bacterial branched tetraethers along a soil-river-lake transect in the arid region of Northwestern China. <i>Geochemical Journal</i> , 2016, 50, 249-265.	1.0	4

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73	Influence of extraction methods on the distribution pattern and concentration of fatty acids and hydroxy fatty acids in soil samples: Acid digestion versus saponification. <i>Geochemical Journal</i> , 2016, 50, 439-443.	1.0	5
74	Ediacaran Marine Redox Heterogeneity and Early Animal Ecosystems. <i>Scientific Reports</i> , 2015, 5, 17097.	3.3	59
75	Spurious thermoluminescence characteristics of the Ediacaran Doushantuo Formation (ca. 635±51) Tj ETQq1 1 0.784314 rgBT /O (Wuhan, China), 2015, 26, 883-892.	3.2	18
76	Hydroxylated isoprenoid GDGTs in Chinese coastal seas and their potential as a paleotemperature proxy for mid-to-low latitude marginal seas. <i>Organic Geochemistry</i> , 2015, 89-90, 31-43.	1.8	48
77	Decline in oceanic sulfate levels during the early Mesoproterozoic. <i>Precambrian Research</i> , 2015, 258, 36-47.	2.7	65
78	Comparative microbial diversity and redox environments of black shale and stromatolite facies in the Mesoproterozoic Xiamaling Formation. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 151, 150-167.	3.9	89
79	Environmental factors affecting the low temperature isomerization of homohopanes in acidic peat deposits, central China. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 154, 212-228.	3.9	29
80	Changes in marine productivity and redox conditions during the Late Ordovician Hirnantian glaciation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 420, 223-234.	2.3	157
81	Distinct distribution revealing multiple bacterial sources for 1-O-monoalkyl glycerol ethers in terrestrial and lake environments. <i>Science China Earth Sciences</i> , 2015, 58, 1005-1017.	5.2	12
82	The 6-methyl branched tetraethers significantly affect the performance of the methylation index (MBT ²) in soils from an altitudinal transect at Mount Shennongjia. <i>Organic Geochemistry</i> , 2015, 82, 42-53.	1.8	134
83	A theoretical prediction of chemical zonation in early oceans (>520 Ma). <i>Science China Earth Sciences</i> , 2015, 58, 1901-1909.	5.2	58
84	Mo marine geochemistry and reconstruction of ancient ocean redox states. <i>Science China Earth Sciences</i> , 2015, 58, 2123-2133.	5.2	16
85	Paleoaltimetry proxies based on bacterial branched tetraether membrane lipids in soils. <i>Frontiers of Earth Science</i> , 2015, 9, 13-25.	2.1	16
86	Shallow stratification prevailed for ~1700 to ~1300 Ma ocean: Evidence from organic carbon isotopes in the North China Craton. <i>Earth and Planetary Science Letters</i> , 2014, 400, 219-232.	4.4	66
87	Defining the discipline of geobiology. <i>National Science Review</i> , 2014, 1, 483-485.	9.5	3
88	Spatiotemporal variability of ocean chemistry in the early Cambrian, South China. <i>Science China Earth Sciences</i> , 2014, 57, 579-591.	5.2	35
89	Distribution of microbial fatty acids and fatty alcohols in soils from an altitude transect of Mt. Jianfengling in Hainan, China: Implication for paleoaltimetry and paleotemperature reconstruction. <i>Science China Earth Sciences</i> , 2014, 57, 999-1012.	5.2	11
90	Microbial influences on paleoenvironmental changes during the Permian-Triassic boundary crisis. <i>Science China Earth Sciences</i> , 2014, 57, 965-975.	5.2	8

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91	Progress and perspective on frontiers of geobiology. <i>Science China Earth Sciences</i> , 2014, 57, 855-868.	5.2	16
92	Sources and distribution of isoprenoid glycerol dialkyl glycerol tetraethers (GDGTs) in sediments from the east coastal sea of China: Application of GDGT-based paleothermometry to a shallow marginal sea. <i>Organic Geochemistry</i> , 2014, 75, 24-35.	1.8	40
93	A 9000-year carbon isotopic record of acid-soluble organic matter in a stalagmite from Heshang Cave, central China: Paleoclimate implications. <i>Chemical Geology</i> , 2014, 388, 71-77.	3.3	28
94	Distributions of isoprenoid and branched glycerol dialkanol diethers in Chinese surface soils and a loess paleosol sequence: Implications for the degradation of tetraether lipids. <i>Organic Geochemistry</i> , 2014, 66, 70-79.	1.8	32
95	Vertical $\delta^{13}\text{C}_{\text{org}}$ gradients record changes in planktonic microbial community composition during the end-Permian mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 119-131.	2.3	52
96	Correlations between microbial tetraether lipids and environmental variables in Chinese soils: Optimizing the paleo-reconstructions in semi-arid and arid regions. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 49-69.	3.9	160
97	Flooding impact on the distribution of microbial tetraether lipids in paddy rice soil in China. <i>Frontiers of Earth Science</i> , 2013, 7, 384-394.	2.1	10
98	Chemotaxonomic significance of n-alkane distributions from leaf wax in genus of <i>Sinojackia</i> species (Styracaceae). <i>Biochemical Systematics and Ecology</i> , 2013, 49, 30-36.	1.3	18
99	Paleoclimate influence on early diagenesis of plant triterpenes in the Dajihu peatland, central China. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 106-119.	3.9	46
100	Microbial glycerol dialkyl glycerol tetraethers from river water and soil near the Three Gorges Dam on the Yangtze River. <i>Organic Geochemistry</i> , 2013, 56, 40-50.	1.8	44
101	Microbial algal community changes during the latest Permian ecological crisis: Evidence from lipid biomarkers at Cili, South China. <i>Global and Planetary Change</i> , 2013, 105, 36-51.	3.5	49
102	Links between the East Asian monsoon and North Atlantic climate during the 8,200 year event. <i>Nature Geoscience</i> , 2013, 6, 117-120.	12.9	147
103	Concordant monsoon-driven postglacial hydrological changes in peat and stalagmite records and their impacts on prehistoric cultures in central China. <i>Geology</i> , 2013, 41, 827-830.	4.4	169
104	Paleotemperature variability in central China during the last 13 ka recorded by a novel microbial lipid proxy in the Dajihu peat deposit. <i>Holocene</i> , 2013, 23, 1123-1129.	1.7	58
105	Distribution of archaeal and bacterial tetraether membrane lipids in rhizosphere-root systems in soils and their implication for paleoclimate assessment. <i>Geochemical Journal</i> , 2013, 47, 337-347.	1.0	10
106	An interlaboratory study of TEX ₈₆ and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
107	Microbial lipid records of highly alkaline deposits and enhanced aridity associated with significant uplift of the Tibetan Plateau in the Late Miocene. <i>Geology</i> , 2012, 40, 291-294.	4.4	106
108	U/Mo ratios and $\delta^{98/95}\text{Mo}$ as local and global redox proxies during mass extinction events. <i>Chemical Geology</i> , 2012, 324-325, 99-107.	3.3	68

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109	Moisture conditions during the Younger Dryas and the early Holocene in the middle reaches of the Yangtze River, central China. <i>Holocene</i> , 2012, 22, 1473-1479.	1.7	26
110	Negative C-isotope excursions at the Permian-Triassic boundary linked to volcanism. <i>Geology</i> , 2012, 40, 963-966.	4.4	101
111	Magnetic fabric of stalagmites and its formation mechanism. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	13
112	Two episodes of environmental change at the Permian-Triassic boundary of the GSSP section Meishan. <i>Earth-Science Reviews</i> , 2012, 115, 163-172.	9.1	79
113	Optimization of acid digestion conditions on the extraction of fatty acids from stalagmites. <i>Frontiers of Earth Science</i> , 2012, 6, 109-114.	2.1	20
114	Leaf wax n-alkane chemotaxonomy of bamboo from a tropical rain forest in Southwest China. <i>Plant Systematics and Evolution</i> , 2012, 298, 731-738.	0.9	35
115	Soil pH impact on microbial tetraether lipids and terrestrial input index (BIT) in China. <i>Science China Earth Sciences</i> , 2012, 55, 236-245.	5.2	46
116	Geomicrobial functional groups: A window on the interaction between life and environments. <i>Science Bulletin</i> , 2012, 57, 2-19.	1.7	11
117	Volcanism in Association with the Prelude to Mass Extinction and Environment Change Across the Permian-Triassic Boundary (PTB), Southern China. <i>Clays and Clay Minerals</i> , 2011, 59, 478-489.	1.3	15
118	Seasonal variation of fatty acids from drip water in Heshang Cave, central China. <i>Applied Geochemistry</i> , 2011, 26, 341-347.	3.0	17
119	Reduction of structural Fe(III) in nontronite by methanogen <i>Methanosarcina barkeri</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1057-1071.	3.9	96
120	Molecular records of microbialites following the end-Permian mass extinction in Chongyang, Hubei Province, South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 308, 151-159.	2.3	41
121	Stepwise and large-magnitude negative shift in $\delta^{13}\text{C}_{\text{carb}}$ preceded the main marine mass extinction of the Permian-Triassic crisis interval. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 299, 70-82.	2.3	58
122	Occurrence of tetraether lipids in stalagmites: Implications for sources and GDGT-based proxies. <i>Organic Geochemistry</i> , 2011, 42, 108-115.	1.8	50
123	Significance of long chain iso and anteiso monomethyl alkanes in the Lamiaceae (mint family). <i>Organic Geochemistry</i> , 2011, 42, 156-165.	1.8	34
124	Moss-dwelling testate amoebae and their community in Dajiuhu peatland of Shennongjia Mountains, China. <i>Journal of Freshwater Ecology</i> , 2011, 26, 3-9.	1.2	5
125	Comparison of free lipid compositions between roots and leaves of plants in the Dajiuhu Peatland, central China. <i>Geochemical Journal</i> , 2011, 45, 365-373.	1.0	47
126	Diversity, distribution and biogeography of testate amoebae in China: Implications for ecological studies in Asia. <i>European Journal of Protistology</i> , 2011, 47, 1-9.	1.5	29

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127	Geobiological approach to evaluating marine carbonate source rocks of hydrocarbon. <i>Science China Earth Sciences</i> , 2011, 54, 1121-1135.	5.2	7
128	How severe is the modern biotic crisis? A comparison of global change and biotic crisis between Permian-Triassic transition and modern times. <i>Frontiers of Earth Science</i> , 2011, 5, 1-13.	2.1	4
129	Geomicrobiological perspective on the pattern and causes of the 5-million-year Permo/Triassic biotic crisis. <i>Frontiers of Earth Science</i> , 2011, 5, 23-36.	2.1	6
130	Enhanced nitrogen fixation in the immediate aftermath of the latest Permian marine mass extinction. <i>Geology</i> , 2011, 39, 647-650.	4.4	88
131	Absence of Middle Permian Kamura event in the Paleo-Tethys Ocean. <i>Journal of Earth Science (Wuhan)</i> , 2010, 21, 253-256.	3.2	5
132	Morphological variation and habitat selection of testate amoebae in Dajiuhe peatland, Central China. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 253-256.	3.2	3
133	An attempt to apply geobiological method in the source rock evaluation. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 312-314.	3.2	0
134	Archaeal and bacterial tetraether membrane lipids in soils of varied altitudes in Mt. Jianfengling in South China. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 277-280.	3.2	12
135	Relationships between carbon isotope evolution and variation of microbes during the Permian-Triassic transition at Meishan Section, South China. <i>International Journal of Earth Sciences</i> , 2010, 99, 775-784.	1.8	12
136	Paleofire indicated by polycyclic aromatic hydrocarbons in soil of Jinluojia archaeological site, Hubei, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 247-256.	3.2	14
137	Cyanobacterial blooms tied to volcanism during the 5 m.y. Permo-Triassic biotic crisis. <i>Geology</i> , 2010, 38, 447-450.	4.4	151
138	Phytoliths and microcharcoal at Jinluojia archeological site in middle reaches of Yangtze River indicative of paleoclimate and human activity during the last 3000 years. <i>Journal of Archaeological Science</i> , 2010, 37, 124-132.	2.4	26
139	Postglacial climate-change record in biomarker lipid compositions of the Hani peat sequence, Northeastern China. <i>Earth and Planetary Science Letters</i> , 2010, 294, 37-46.	4.4	138
140	Isotopic evidence for an anomalously low oceanic sulfate concentration following end-Permian mass extinction. <i>Earth and Planetary Science Letters</i> , 2010, 300, 101-111.	4.4	145
141	Occurrence of diploptene in moss species from the Dajiuhe Peatland in southern China. <i>Organic Geochemistry</i> , 2010, 41, 321-324.	1.8	40
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