

Chuanlun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

7,810
citations

38660

50
h-index

62479

80
g-index

170
all docs

170
docs citations

170
times ranked

6747
citing authors

#	ARTICLE	IF	CITATIONS
1	A holistic genome dataset of bacteria, archaea and viruses of the Pearl River estuary. <i>Scientific Data</i> , 2022, 9, 49.	2.4	12
2	Global scale production of brGDGTs by benthic marine bacteria: Implication for developing ocean bottom environmental proxies. <i>Global and Planetary Change</i> , 2022, 211, 103783.	1.6	9
3	In situ identification of environmental microorganisms with Raman spectroscopy. <i>Environmental Science and Ecotechnology</i> , 2022, 11, 100187.	6.7	20
4	Spectral characteristics of dissolved organic matter in sediment pore water from Pearl River Estuary. <i>Science China Earth Sciences</i> , 2021, 64, 52-61.	2.3	4
5	Spatiotemporal distribution and source variations of hydrocarbons in surface sediments from the Pearl River Estuary, Southern China. <i>Journal of Soils and Sediments</i> , 2021, 21, 499-511.	1.5	7
6	Anomalous Phylogenetic Behavior of Ribosomal Proteins in Metagenome-Assembled Asgard Archaea. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	18
7	The Evolution Pathway of Ammonia-Oxidizing Archaea Shaped by Major Geological Events. <i>Molecular Biology and Evolution</i> , 2021, 38, 3637-3648.	3.5	33
8	Vertical Stratification of Dissolved Organic Matter Linked to Distinct Microbial Communities in Subtropic Estuarine Sediments. <i>Frontiers in Microbiology</i> , 2021, 12, 697860.	1.5	12
9	Estuarine gradients dictate spatiotemporal variations of microbiome networks in the Chesapeake Bay. <i>Environmental Microbiomes</i> , 2021, 16, 22.	2.2	18
10	Interactions Between Marine Group II Archaea and Phytoplankton Revealed by Population Correlations in the Northern Coast of South China Sea. <i>Frontiers in Microbiology</i> , 2021, 12, 785532.	1.5	6
11	Editorial: Ecology, Metabolism and Evolution of Archaea-Perspectives From Proceedings of the International Workshop on Geo-Omics of Archaea. <i>Frontiers in Microbiology</i> , 2021, 12, 827229.	1.5	3
12	Classification and Identification of Archaea Using Single-Cell Raman Ejection and Artificial Intelligence: Implications for Investigating Uncultivated Microorganisms. <i>Analytical Chemistry</i> , 2021, 93, 17012-17019.	3.2	12
13	Population dynamics of methanogens and methanotrophs along the salinity gradient in Pearl River Estuary: implications for methane metabolism. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1331-1346.	1.7	34
14	Phylogenetic analyses with systematic taxon sampling show that mitochondria branch within Alphaproteobacteria. <i>Nature Ecology and Evolution</i> , 2020, 4, 1213-1219.	3.4	75
15	Distinct Distribution of Archaea From Soil to Freshwater to Estuary: Implications of Archaeal Composition and Function in Different Environments. <i>Frontiers in Microbiology</i> , 2020, 11, 576661.	1.5	16
16	Impact of Terrestrial Input on Deep-Sea Benthic Archaeal Community Structure in South China Sea Sediments. <i>Frontiers in Microbiology</i> , 2020, 11, 572017.	1.5	4
17	Niche specificity and potential terrestrial organic carbon utilization of benthic Bathyarchaeota in a eutrophic subtropic estuarine system. <i>Chemical Geology</i> , 2020, 556, 119839.	1.4	10
18	Spatial and temporal variations of bacterioplankton in the Chesapeake Bay: A re-examination with high-throughput sequencing analysis. <i>Limnology and Oceanography</i> , 2020, 65, 3032-3045.	1.6	21

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19	In-House Standard Method for Molecular Characterization of Dissolved Organic Matter by FT-ICR Mass Spectrometry. <i>ACS Omega</i> , 2020, 5, 11730-11736.	1.6	128
20	Establishing a terrestrial proxy based on fluorescent dissolved organic matter from sediment pore waters in the East China Sea. <i>Water Research</i> , 2020, 182, 116005.	5.3	26
21	Marine Group II Euryarchaeota Contribute to the Archaeal Lipid Pool in Northwestern Pacific Ocean Surface Waters. <i>Frontiers in Microbiology</i> , 2020, 11, 1034.	1.5	16
22	Alternative strategies of nutrient acquisition and energy conservation map to the biogeography of marine ammonia-oxidizing archaea. <i>ISME Journal</i> , 2020, 14, 2595-2609.	4.4	62
23	The Distribution of Bathyarchaeota in Surface Sediments of the Pearl River Estuary Along Salinity Gradient. <i>Frontiers in Microbiology</i> , 2020, 11, 285.	1.5	30
24	Lipidomics in archaeal membrane adaptation to environmental stresses and growth conditions: A review of culture-based physiological studies. <i>Science China Earth Sciences</i> , 2020, 63, 790-807.	2.3	5
25	Contrasting bacterial and archaeal distributions reflecting different geochemical processes in a sediment core from the Pearl River Estuary. <i>AMB Express</i> , 2020, 10, 16.	1.4	18
26	Active Anaerobic Archaeal Methanotrophs in Recently Emerged Cold Seeps of Northern South China Sea. <i>Frontiers in Microbiology</i> , 2020, 11, 612135.	1.5	10
27	Cross shelf transport of terrigenous organic matter in surface sediments from outer shelf to Okinawa Trough in East China Sea. <i>Journal of Marine Systems</i> , 2019, 199, 103224.	0.9	16
28	Spatiotemporal variation of organic geochemical properties since the mid-Miocene in the deep South China Sea (IODP Expedition 349). <i>Journal of Asian Earth Sciences</i> , 2019, 183, 103961.	1.0	3
29	Origin and preservation of archaeal intact polar tetraether lipids in deeply buried sediments from the South China Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 152, 103107.	0.6	3
30	Changes in archaeal ether lipid composition in response to agriculture alternation in ancient and modern paddy soils. <i>Organic Geochemistry</i> , 2019, 138, 103912.	0.9	1
31	Diverse biological sources of core and intact polar isoprenoid GDGTs in terrace soils from southwest of China: Implications for their use as environmental proxies. <i>Chemical Geology</i> , 2019, 522, 108-120.	1.4	11
32	Distributions and Sources of Glycerol Dialkyl Glycerol Tetraethers in Sediment Cores From the Mariana Subduction Zone. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 857-869.	1.3	11
33	Stratification of dissolved organic matter in the upper 2000 m water column at the Mariana Trench. <i>Science of the Total Environment</i> , 2019, 668, 1222-1231.	3.9	26
34	Impacts of Freshwater and Seawater Mixing on the Production and Decay of Virioplankton in a Subtropical Estuary. <i>Microbial Ecology</i> , 2019, 78, 843-854.	1.4	16
35	Archaea, the tree of life, and cellular evolution in eukaryotes. <i>Science China Earth Sciences</i> , 2019, 62, 489-506.	2.3	5
36	Tectonomicrobiology: A new paradigm for geobiological research. <i>Science China Earth Sciences</i> , 2018, 61, 494-498.	2.3	1

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37	Branched GDGT production at elevated temperatures in anaerobic soil microcosm incubations. <i>Organic Geochemistry</i> , 2018, 117, 12-21.	0.9	22
38	Novel <i>Sulfolobus</i> Virus with an Exceptional Capsid Architecture. <i>Journal of Virology</i> , 2018, 92, .	1.5	15
39	Environmental factors shaping the archaeal community structure and ether lipid distribution in a subtropic river and estuary, China. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 461-474.	1.7	7
40	Bio-Organic Geochemistry research in China: Advances, opportunities and challenges. <i>Science China Earth Sciences</i> , 2018, 61, 1775-1780.	2.3	2
41	Insight Into the Pico- and Nano-Phytoplankton Communities in the Deepest Biosphere, the Mariana Trench. <i>Frontiers in Microbiology</i> , 2018, 9, 2289.	1.5	30
42	Energy Gradients Structure Microbial Communities Across Sediment Horizons in Deep Marine Sediments of the South China Sea. <i>Frontiers in Microbiology</i> , 2018, 9, 729.	1.5	19
43	Evolving paradigms in biological carbon cycling in the ocean. <i>National Science Review</i> , 2018, 5, 481-499.	4.6	100
44	Potential degradation effect on paleo-moisture proxies based on the relative abundance of archaeal vs. bacterial tetraethers in loess-paleosol sequences on the Chinese Loess Plateau. <i>Quaternary International</i> , 2017, 436, 173-180.	0.7	7
45	Effects of elevated CO ₂ and nitrogen supply on the growth and photosynthetic physiology of a marine cyanobacterium, <i>Synechococcus</i> sp. PCC7002. <i>Journal of Applied Phycology</i> , 2017, 29, 1755-1763.	1.5	17
46	The response of archaeal species to seasonal variables in a subtropical aerated soil: insight into the low abundant methanogens. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6505-6515.	1.7	7
47	Untangling the role that microbes play in ocean carbon cycle—a new paradigm in marine biogeochemistry. <i>Science China Earth Sciences</i> , 2017, 60, 409-412.	2.3	6
48	Sources and compositional distribution of organic carbon in surface sediments from the lower Pearl River to the coastal South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2104-2117.	1.3	28
49	Sea-level changes and carbonate platform evolution of the Xisha Islands (South China Sea) since the Early Miocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 504-516.	1.0	57
50	Succession of bacterial community structure and potential significance along a sediment core from site U1433 of IODP expedition 349, South China Sea. <i>Marine Geology</i> , 2017, 394, 125-132.	0.9	17
51	Phylogenetic Diversity of T4-Type Phages in Sediments from the Subtropical Pearl River Estuary. <i>Frontiers in Microbiology</i> , 2017, 8, 897.	1.5	19
52	Marine Group II Dominates Planktonic Archaea in Water Column of the Northeastern South China Sea. <i>Frontiers in Microbiology</i> , 2017, 8, 1098.	1.5	32
53	Thermoplasmatales and Methanogens: Potential Association with the Crenarchaeol Production in Chinese Soils. <i>Frontiers in Microbiology</i> , 2017, 8, 1200.	1.5	2
54	Evaluating Production of Cyclopentyl Tetraethers by Marine Group II Euryarchaeota in the Pearl River Estuary and Coastal South China Sea: Potential Impact on the TEX ₈₆ Paleothermometer. <i>Frontiers in Microbiology</i> , 2017, 8, 2077.	1.5	13

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55	Influence of Growth Phase, pH, and Temperature on the Abundance and Composition of Tetraether Lipids in the Thermoacidophile <i>Picrophilus torridus</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1323.	1.5	33
56	Tracking the signals of living archaea: A multiple reaction monitoring (MRM) method for detection of trace amounts of intact polar lipids from the natural environment. <i>Organic Geochemistry</i> , 2016, 97, 1-4.	0.9	10
57	Metagenomic evidence for the presence of phototrophic <i>Gemmatimonadetes</i> bacteria in diverse environments. <i>Environmental Microbiology Reports</i> , 2016, 8, 139-149.	1.0	66
58	The spatial distribution of archaeal lipids in a mesoscale subtropical watershed, Southeast China. <i>Science China Earth Sciences</i> , 2016, 59, 1317-1328.	2.3	8
59	From ether to acid: A plausible degradation pathway of glycerol dialkyl glycerol tetraethers. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 138-152.	1.6	30
60	Distribution of branched glycerol dialkyl glycerol tetraethers in soils on the Northeastern Qinghai-Tibetan Plateau and possible production by nitrite-reducing bacteria. <i>Science China Earth Sciences</i> , 2016, 59, 1834-1846.	2.3	10
61	Evolution of the East China Sea sedimentary environment in the past 14 kyr: Insights from tetraethers-based proxies. <i>Science China Earth Sciences</i> , 2016, 59, 927-938.	2.3	8
62	Branched tetraether lipids in Chinese soils: Evaluating the fidelity of MBT/CBT proxies as paleoenvironmental proxies. <i>Science China Earth Sciences</i> , 2016, 59, 1353-1367.	2.3	13
63	Advances in GDGT research in Chinese marginal seas: A review. <i>Science China Earth Sciences</i> , 2016, 59, 1173-1186.	2.3	7
64	A 12-kyr record of microbial branched and isoprenoid tetraether index in Lake Qinghai, northeastern Qinghai-Tibet Plateau: Implications for paleoclimate reconstruction. <i>Science China Earth Sciences</i> , 2016, 59, 951-960.	2.3	13
65	<i>Bacillus urumqiensis</i> sp. nov., a moderately haloalkaliphilic bacterium isolated from a salt lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2305-2312.	0.8	20
66	Marine Group II Archaea, potentially important players in the global ocean carbon cycle. <i>Frontiers in Microbiology</i> , 2015, 6, 1108.	1.5	119
67	Seismic stratigraphy of the central South China Sea basin and implications for neotectonics. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1377-1399.	1.4	155
68	Hydroclimate Implications of Thermocline Variability in the Southern South China Sea Over the Past 180,000 yr. <i>Quaternary Research</i> , 2015, 83, 370-377.	1.0	18
69	Temporal variation in community structure and lipid composition of Thaumarchaeota from subtropical soil: Insight into proposing a new soil pH proxy. <i>Organic Geochemistry</i> , 2015, 83-84, 54-64.	0.9	22
70	Distribution of ether lipids and composition of the archaeal community in terrestrial geothermal springs: impact of environmental variables. <i>Environmental Microbiology</i> , 2015, 17, 1600-1614.	1.8	29
71	Glacial-interglacial contrast in MBT/CBT proxies in the South China Sea: Implications for marine production of branched GDGTs and continental teleconnection. <i>Organic Geochemistry</i> , 2015, 79, 74-82.	0.9	27
72	Unusually low TEX86 values in the transitional zone between Pearl River estuary and coastal South China Sea: Impact of changing archaeal community composition. <i>Chemical Geology</i> , 2015, 402, 18-29.	1.4	42

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73	Sea surface temperature variation during the last deglaciation in the southern Okinawa Trough: Modulation of high latitude teleconnections and the Kuroshio Current. <i>Progress in Oceanography</i> , 2015, 138, 238-248.	1.5	20
74	Deglacial and Holocene Archaeal Lipid-Inferred Paleohydrology and Paleotemperature History of Lake Qinghai, Northeastern Qinghai-Tibetan Plateau. <i>Quaternary Research</i> , 2015, 83, 116-126.	1.0	43
75	Dependence of the cyclization of branched tetraethers on soil moisture in alkaline soils from arid-subhumid China: implications for palaeorainfall reconstructions on the Chinese Loess Plateau. <i>Biogeosciences</i> , 2014, 11, 6755-6768.	1.3	48
76	Ages and magnetic structures of the South China Sea constrained by deep tow magnetic surveys and IODP Expedition 349. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4958-4983.	1.0	419
77	Production of branched tetraether lipids in Tibetan hot springs: A possible linkage to nitrite reduction by thermotolerant or thermophilic bacteria?. <i>Chemical Geology</i> , 2014, 386, 209-217.	1.4	12
78	Tracking the migration of our Chinese ancestors using molecular science. <i>National Science Review</i> , 2014, 1, 166-167.	4.6	0
79	Archaeal Diversity and Spatial Distribution in the Surface Sediment of the South China Sea. <i>Geomicrobiology Journal</i> , 2014, 31, 1-11.	1.0	11
80	Lipid and DNA Evidence of Dominance of Planktonic Archaea Preserved in Sediments of the South China Sea: Insight for Application of the TEX86 Proxy in an Unstable Marine Sediment Environment. <i>Geomicrobiology Journal</i> , 2014, 31, 360-369.	1.0	2
81	Differential temperature and pH controls on the abundance and composition of H-GDGTs in terrestrial hot springs. <i>Organic Geochemistry</i> , 2014, 75, 109-121.	0.9	15
82	Seasonal patterns in microbial communities inhabiting the hot springs of Tengchong, Yunnan Province, China. <i>Environmental Microbiology</i> , 2014, 16, 1579-1591.	1.8	57
83	Salinity-dominated change in community structure and ecological function of Archaea from the lower Pearl River to coastal South China Sea. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7971-7982.	1.7	98
84	Water depth affecting thaumarchaeol production in Lake Qinghai, northeastern Qinghai-Tibetan plateau: Implications for paleo lake levels and paleoclimate. <i>Chemical Geology</i> , 2014, 368, 76-84.	1.4	53
85	Single-cell genomics shedding light on marine Thaumarchaeota diversification. <i>ISME Journal</i> , 2014, 8, 732-736.	4.4	98
86	Tetraether lipids from the southern Yellow Sea of China: Implications for the variability of East Asia Winter Monsoon in the Holocene. <i>Organic Geochemistry</i> , 2014, 70, 10-19.	0.9	31
87	Distribution of tetraether lipids in surface sediments of the northern South China Sea: Implications for TEX86 proxies. <i>Geoscience Frontiers</i> , 2013, 4, 223-229.	4.3	35
88	Branched and isoprenoid tetraether (BIT) index traces water content along two marsh-soil transects surrounding Lake Qinghai: Implications for paleo-humidity variation. <i>Organic Geochemistry</i> , 2013, 59, 75-81.	0.9	41
89	Distribution of glycerol dialkyl glycerol tetraether lipids along an altitudinal transect on Mt. Xiangpi, NE Qinghai-Tibetan Plateau, China. <i>Organic Geochemistry</i> , 2013, 57, 76-83.	0.9	68
90	Evaluation of glycerol dialkyl glycerol tetraether proxies for reconstruction of the paleo-environment on the Qinghai-Tibetan Plateau. <i>Organic Geochemistry</i> , 2013, 61, 45-56.	0.9	30

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91	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.	0.9	44
92	Carbon isotopic composition of isoprenoid tetraether in surface sediments of Lake Qinghai and surrounding soils. <i>Organic Geochemistry</i> , 2013, 60, 54-61.	0.9	6
93	Bacterial and archaeal diversities in Yunnan and Tibetan hot springs, China. <i>Environmental Microbiology</i> , 2013, 15, 1160-1175.	1.8	121
94	Assessing the ratio of archaeol to caldarchaeol as a salinity proxy in highland lakes on the northeastern Qinghai-Tibetan Plateau. <i>Organic Geochemistry</i> , 2013, 54, 69-77.	0.9	34
95	Thaumarchaeotal Signature Gene Distribution in Sediments of the Northern South China Sea: an Indicator of the Metabolic Intersection of the Marine Carbon, Nitrogen, and Phosphorus Cycles?. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2137-2147.	1.4	58
96	Environmental controls on the distribution of archaeal lipids in Tibetan hot springs: insight into the application of organic proxies for biogeochemical processes. <i>Environmental Microbiology Reports</i> , 2013, 5, 868-882.	1.0	13
97	Addressing Questions on Life in Terrestrial Geothermal Systems. <i>Eos</i> , 2013, 94, 325-325.	0.1	1
98	An interlaboratory study of TEX ₈₆ and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	1.0	76
99	A Comprehensive Census of Microbial Diversity in Hot Springs of Tengchong, Yunnan Province China Using 16S rRNA Gene Pyrosequencing. <i>PLoS ONE</i> , 2013, 8, e53350.	1.1	216
100	The Role of Tetraether Lipid Composition in the Adaptation of Thermophilic Archaea to Acidity. <i>Frontiers in Microbiology</i> , 2013, 4, 62.	1.5	69
101	In situ production of branched glycerol dialkyl glycerol tetraethers in a great basin hot spring (USA). <i>Frontiers in Microbiology</i> , 2013, 4, 181.	1.5	22
102	Wide distribution of autochthonous branched glycerol dialkyl glycerol tetraethers (bGDGTs) in U.S. Great Basin hot springs. <i>Frontiers in Microbiology</i> , 2013, 4, 222.	1.5	11
103	The distribution and abundance of archaeal tetraether lipids in U.S. Great Basin hot springs. <i>Frontiers in Microbiology</i> , 2013, 4, 247.	1.5	7
104	Impacts of temperature and pH on the distribution of archaeal lipids in Yunnan hot springs, China. <i>Frontiers in Microbiology</i> , 2013, 4, 312.	1.5	12
105	amoA-encoding archaea and thaumarchaeol in the lakes on the northeastern Qinghai-Tibetan Plateau, China. <i>Frontiers in Microbiology</i> , 2013, 4, 329.	1.5	34
106	Control of Temperature on Microbial Community Structure in Hot Springs of the Tibetan Plateau. <i>PLoS ONE</i> , 2013, 8, e62901.	1.1	157
107	Actinobacterial Diversity in Microbial Mats of Five Hot Springs in Central and Central-Eastern Tibet, China. <i>Geomicrobiology Journal</i> , 2012, 29, 520-527.	1.0	17
108	The Response of Potentially Active Planktonic Actinobacteria to the Construction of Three Gorges Dam of the Yangtze River, China. <i>Geomicrobiology Journal</i> , 2012, 29, 114-123.	1.0	4

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109	Distribution of glycerol dialkyl glycerol tetraethers in surface sediments of Lake Qinghai and surrounding soil. <i>Organic Geochemistry</i> , 2012, 47, 78-87.	0.9	84
110	Archaeal tetraether lipids record subsurface water temperature in the South China Sea. <i>Organic Geochemistry</i> , 2012, 50, 68-77.	0.9	78
111	Diversity of microbial plankton across the Three Gorges Dam of the Yangtze River, China. <i>Geoscience Frontiers</i> , 2012, 3, 335-349.	4.3	35
112	Distribution of glycerol dialkyl glycerol tetraethers in Tibetan hot springs. <i>Geoscience Frontiers</i> , 2012, 3, 289-300.	4.3	22
113	Methane Index: A tetraether archaeal lipid biomarker indicator for detecting the instability of marine gas hydrates. <i>Earth and Planetary Science Letters</i> , 2011, 307, 525-534.	1.8	233
114	n-Alkan-2-one distributions in a northeastern China peat core spanning the last 16 kyr. <i>Organic Geochemistry</i> , 2011, 42, 25-30.	0.9	27
115	Occurrence of tetraether lipids in stalagmites: Implications for sources and GDGT-based proxies. <i>Organic Geochemistry</i> , 2011, 42, 108-115.	0.9	50
116	Ammonia-oxidizing Archaea in Kamchatka Hot Springs. <i>Geomicrobiology Journal</i> , 2011, 28, 149-159.	1.0	21
117	Temperature and pH controls on glycerol dibiphytanyl glycerol tetraether lipid composition in the hyperthermophilic crenarchaeon <i>Acidilobus sulfurireducens</i> . <i>Extremophiles</i> , 2011, 15, 59-65.	0.9	83
118	Archaeal and bacterial diversity in hot springs on the Tibetan Plateau, China. <i>Extremophiles</i> , 2011, 15, 549-563.	0.9	80
119	Spatial Variations in Archaeal Lipids of Surface Water and Core-Top Sediments in the South China Sea and Their Implications for Paleoclimate Studies. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7479-7489.	1.4	67
120	Community Structure of Archaea from Deep-Sea Sediments of the South China Sea. <i>Microbial Ecology</i> , 2010, 60, 796-806.	1.4	25
121	Diversity of Crenarchaeota in terrestrial hot springs in Tengchong, China. <i>Extremophiles</i> , 2010, 14, 287-296.	0.9	49
122	RNA-Based Investigation of Ammonia-Oxidizing Archaea in Hot Springs of Yunnan Province, China. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4538-4541.	1.4	81
123	Distribution and Diversity of Bacteria and Archaea in Marine Sediments Affected by Gas Hydrates at Mississippi Canyon in the Gulf of Mexico. <i>Geomicrobiology Journal</i> , 2009, 26, 370-381.	1.0	12
124	Vertical distribution and diversity of sulfate-reducing prokaryotes in the Pearl River estuarine sediments, Southern China. <i>FEMS Microbiology Ecology</i> , 2009, 70, 249-262.	1.3	72
125	Community Structure of Archaea in the Water Column above Gas Hydrates in the Gulf of Mexico. <i>Geomicrobiology Journal</i> , 2009, 26, 363-369.	1.0	10
126	<i>Actinobacterial</i> Diversity in Hot Springs in Tengchong (China), Kamchatka (Russia), and Nevada (USA). <i>Geomicrobiology Journal</i> , 2009, 26, 256-263.	1.0	36

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127	Archaeal Lipids and 16S rRNA Genes Characterizing Non-hydrate and Hydrate-Impacted Sediments in the Gulf of Mexico. <i>Geomicrobiology Journal</i> , 2009, 26, 227-237.	1.0	10
128	GeoChip-based analysis of metabolic diversity of microbial communities at the Juan de Fuca Ridge hydrothermal vent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4840-4845.	3.3	139
129	Dominance of putative marine benthic <i>Archaea</i> in Qinghai Lake, northwestern China. <i>Environmental Microbiology</i> , 2008, 10, 2355-2367.	1.8	62
130	Distribution of aliphatic des-A-triterpenoids in the Dajiuhu peat deposit, southern China. <i>Organic Geochemistry</i> , 2008, 39, 1765-1771.	0.9	41
131	Global Occurrence of Archaeal <i>amoA</i> Genes in Terrestrial Hot Springs. <i>Applied and Environmental Microbiology</i> , 2008, 74, 6417-6426.	1.4	189
132	Factors Controlling the Distribution of Archaeal Tetraethers in Terrestrial Hot Springs. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3523-3532.	1.4	125
133	Lipid Biomarkers, Carbon Isotopes, and Phylogenetic Characterization of Bacteria in California and Nevada Hot Springs. <i>Geomicrobiology Journal</i> , 2007, 24, 519-534.	1.0	30
134	Isolation, Characterization, and Ecology of Sulfur-Respiring <i>Crenarchaea</i> Inhabiting Acid-Sulfate-Chloride-Containing Geothermal Springs in Yellowstone National Park. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6669-6677.	1.4	102
135	Spatial patterns of bacterial signature biomarkers in marine sediments of the Gulf of Mexico. <i>Chemical Geology</i> , 2007, 238, 168-179.	1.4	36
136	Molecular Phylogeny of Uncultivated <i>Crenarchaeota</i> in Great Basin Hot Springs of Moderately Elevated Temperature. <i>Geomicrobiology Journal</i> , 2007, 24, 535-542.	1.0	23
137	Microbial response to salinity change in Lake Chaka, a hypersaline lake on Tibetan plateau. <i>Environmental Microbiology</i> , 2007, 9, 2603-2621.	1.8	210
138	Evidence for Autotrophy via the Reverse Tricarboxylic Acid Cycle in the Marine Magnetotactic Coccus Strain MC-1. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1322-1329.	1.4	120
139	Reduction of Iron Oxides Enhanced by a Sulfate-Reducing Bacterium and Biogenic H ₂ S. <i>Geomicrobiology Journal</i> , 2006, 23, 103-117.	1.0	88
140	Hydrogen isotope ratios of aliphatic and diterpenoid hydrocarbons in coals and carbonaceous mudstones from the Liaohé Basin, China. <i>Organic Geochemistry</i> , 2006, 37, 165-176.	0.9	24
141	Diversity of functional genes for methanotrophs in sediments associated with gas hydrates and hydrocarbon seeps in the Gulf of Mexico. <i>FEMS Microbiology Ecology</i> , 2006, 57, 251-259.	1.3	48
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