Hailiang Dong

List of Publications by Year
in descending order

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270 papers	13,326 citations	20759 60 h-index	34900 98 g-index

277 all docs	277 docs citations	277 times ranked	11559 citing authors

#	Article	IF	Citations
1	Resource recovery: Adsorption and biomineralization of cerium by Bacillus licheniformis. Journal of Hazardous Materials, 2022, 426, 127844.	6.5	17
2	Oxidative degradation of commingled trichloroethylene and 1,4-dioxane by hydroxyl radicals produced upon oxygenation of a reduced clay mineral. Chemosphere, 2022, 290, 133265.	4.2	8
3	Combined Effects of Fe(III)-Bearing Nontronite and Organic Ligands on Biogenic U(IV) Oxidation. Environmental Science & Technology, 2022, 56, 1983-1993.	4.6	7
4	Molecular composition of dissolved organic matter in saline lakes of the Qing-Tibetan Plateau. Organic Geochemistry, 2022, 167, 104400.	0.9	12
5	High Abundance of Thaumarchaeota Found in Deep Metamorphic Subsurface in Eastern China. Microorganisms, 2022, 10, 542.	1.6	2
6	The Important Role of Enzyme Adsorbing Capacity of Soil Minerals in Regulating Î²â€Glucosidase Activity. Geophysical Research Letters, 2022, 49, .	1.5	15
7	Effect of bacterial cell addition on Fe(III) reduction and soil organic matter transformation in a farmland soil. Geochimica Et Cosmochimica Acta, 2022, 325, 25-38.	1.6	11
8	Microorganisms Accelerate REE Mineralization in Supergene Environments. Applied and Environmental Microbiology, 2022, 88, .	1.4	9
9	Incomplete denitrification phenotypes in diverse Thermus species from diverse geothermal spring sediments and adjacent soils in southwest China. Extremophiles, 2022, 26, .	0.9	4
10	Compositional and Metabolic Responses of Autotrophic Microbial Community to Salinity in Lacustrine Environments. MSystems, 2022, 7, .	1.7	15
11	A critical review of mineralâ€“microbe interaction and co-evolution: mechanisms and applications. National Science Review, 2022, 9, .	4.6	86
12	Relative importance of soil properties and heavy metals/metalloids to modulate microbial community and activity at a smelting site. Journal of Soils and Sediments, 2021, 21, 1-12.	1.5	26
13	Microbial diversity accumulates in a downstream direction in the Three Gorges Reservoir. Journal of Environmental Sciences, 2021, 101, 156-167.	3.2	20
14	History of petroleum disturbance triggering the depth-resolved assembly process of microbial communities in the vadose zone. Journal of Hazardous Materials, 2021, 402, 124060.	6.5	27
15	Contrasting seasonal variations of geochemistry and microbial community in two adjacent acid mine drainage lakes in Anhui Province, China. Environmental Pollution, 2021, 268, 115826.	3.7	24
16	Distinct assembly processes shape bacterial communities along unsaturated, groundwater fluctuated, and saturated zones. Science of the Total Environment, 2021, 761, 143303.	3.9	30
17	Iron availability is a key factor for freshwater cyanobacterial survival against saline stress. Environmental Research, 2021, 194, 110592.	3.7	4
18	Bacterial synthesis of PbS nanocrystallites in one-step with l-cysteine serving as both sulfur source and capping ligand. Scientific Reports, 2021, 11, 1216.	1.6	19

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19	Detection of the deep biosphere in metamorphic rocks from the Chinese continental scientific drilling. Geobiology, 2021, 19, 278-291.	1.1	9
20	Molecular Determination of Organic Adsorption Sites on Smectite during Fe Redox Processes Using ToF-SIMS Analysis. Environmental Science & Technology, 2021, 55, 7123-7134.	4.6	8
21	Combined Effects of Fe(III)-Bearing Clay Minerals and Organic Ligands on U(VI) Bioreduction and U(IV) Speciation. Environmental Science & Technology, 2021, 55, 5929-5938.	4.6	28
22	Disentangling Microbial Syntrophic Mechanisms for Hexavalent Chromium Reduction in Autotrophic Biosystems. Environmental Science & Technology, 2021, 55, 6340-6351.	4.6	35
23	Minerals Determined a Special Ecological Niche and Selectively Enriched Microbial Species from Bulk Water Communities in Hot Springs. Microorganisms, 2021, 9, 1020.	1.6	4
24	The Lifestyle-Dependent Microbial Interactions Vary Between Upstream and Downstream of the Three Gorges Dam. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	2
25	Responses of Acidophilic Communities in Different Acid Mine Drainages to Environmental Conditions in Nanshan Mine, Anhui Province, China. Geomicrobiology Journal, 2021, 38, 686-697.	1.0	5
26	Linking historical vegetation to bacterial succession under the contrasting climates of the Tibetan Plateau. Ecological Indicators, 2021, 126, 107625.	2.6	6
27	Reductive defluorination of Perfluorooctanesulfonic acid (PFOS) by hydrated electrons generated upon UV irradiation of 3-Indole-acetic-acid in 12-Aminolauric-Modified montmorillonite. Water Research, 2021, 200, 117221.	5.3	29
28	Lignin-enhanced reduction of structural Fe(III) in nontronite: Dual roles of lignin as electron shuttle and donor. Geochimica Et Cosmochimica Acta, 2021, 307, 1-21.	1.6	27
29	Both pH and salinity shape the microbial communities of the lakes in Badain Jaran Desert, NW China. Science of the Total Environment, 2021, 791, 148108.	3.9	29
30	Enhancement of biogenic methane production from subbituminous coal by reduced iron-bearing clay mineral. International Journal of Coal Geology, 2021, 248, 103862.	1.9	2
31	Antibacterial Mechanisms of Reduced Iron-Containing Smectiteâ€“Illite Clay Minerals. Environmental Science & Technology, 2021, 55, 15256-15265.	4.6	20
32	Succession of Microbial Communities in Waste Soils of an Iron Mine in Eastern China. Microorganisms, 2021, 9, 2463.	1.6	7
33	Coupled Mn(II) and Cr(III) Oxidation Mediated by Ascomycete Fungi. Environmental Science & Technology, 2021, 55, 16236-16245.	4.6	10
34	Sulfur-based mixotrophic bio-reduction for efficient removal of chromium (VI) in groundwater. Geochimica Et Cosmochimica Acta, 2020, 268, 296-309.	1.6	114
35	The Effects of Salinity and pH on Microbial Community Diversity and Distribution Pattern in the Brines of Soda Lakes in Badain Jaran Desert, China. Geomicrobiology Journal, 2020, 37, 1-12.	1.0	16
36	Mountain biodiversity and ecosystem functions: interplay between geology and contemporary environments. ISME Journal, 2020, 14, 931-944.	4.4	64

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37	Mutual Interactions between Reduced Fe-Bearing Clay Minerals and Humic Acids under Dark, Oxygenated Conditions: Hydroxyl Radical Generation and Humic Acid Transformation. Environmental Science & Technology, 2020, 54, 15013-15023.	4.6	79
38	Promotion of Microbial Oxidation of Structural Fe(II) in Nontronite by Oxalate and NTA. Environmental Science & Technology, 2020, 54, 13026-13035.	4.6	13
39	The Effect of Spring Water Geochemistry on Copper Proteins in Tengchong Hot Springs, China. Applied and Environmental Microbiology, 2020, 86, .	1.4	4
40	Potential utilization of terrestrially derived dissolved organic matter by aquatic microbial communities in saline lakes. ISME Journal, 2020, 14, 2313-2324.	4.4	64
41	Microbial diversity in fracture and pore filling gas hydrate-bearing sediments at Site GMGS2-16 in the Pearl River Mouth Basin, the South China Sea. Marine Geology, 2020, 427, 106264.	0.9	15
42	Role of clay-associated humic substances in catalyzing bioreduction of structural Fe(III) in nontronite by Shewanella putrefaciens CN32. Science of the Total Environment, 2020, 741, 140213.	3.9	19
43	Minerals play key roles in driving prokaryotic and fungal communities in the surface sediments of the Qinghai-Tibetan lakes. FEMS Microbiology Ecology, 2020, 96, .	1.3	16
44	Accurate Identification of Deamidation and Citrullination from Global Shotgun Proteomics Data Using a Dual-Search Delta Score Strategy. Journal of Proteome Research, 2020, 19, 1863-1872.	1.8	16
45	Carbon Fixation by Photosynthetic Mats Along a Temperature Gradient in a Tengchong Hot Spring. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005719.	1.3	9
46	Mechanisms of Enhanced Antibacterial Activity by Reduced Chitosan-Intercalated Nontronite. Environmental Science & Technology, 2020, 54, 5207-5217.	4.6	23
47	Efficient Reductive Destruction of Perfluoroalkyl Substances under Self-Assembled Micelle Confinement. Environmental Science & Technology, 2020, 54, 5178-5185.	4.6	52
48	Microbially mediated iron redox cycling of subsurface sediments from Hanford Site, Washington State, USA. Chemical Geology, 2020, 546, 119643.	1.4	6
49	Coupling quinoline degradation with Fe redox in clay minerals: A strategy integrating biological and physicochemical processes. Applied Clay Science, 2020, 188, 105504.	2.6	10
50	Bio-reduction of ferrihydrite-montmorillonite-organic matter complexes: Effect of montmorillonite and fate of organic matter. Geochimica Et Cosmochimica Acta, 2020, 276, 327-344.	1.6	39
51	Bio-weathering of a uranium-bearing rhyolitic rock from Xiangshan uranium deposit, Southeast China. Geochimica Et Cosmochimica Acta, 2020, 279, 88-106.	1.6	6
52	Novel Sulfolobus Fuselloviruses with Extensive Genomic Variations. Journal of Virology, 2020, 94, .	1.5	9
53	Iron reduction by diverse actinobacteria under oxic and pH-neutral conditions and the formation of secondary minerals. Chemical Geology, 2019, 525, 390-399.	1.4	32
54	Chemical oxygen demand (COD) removal from bio-treated coking wastewater by hydroxyl radicals produced from a reduced clay mineral. Applied Clay Science, 2019, 180, 105199.	2.6	13

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55	Phyllosilicates as protective habitats of filamentous cyanobacteria Leptolyngbya against ultraviolet radiation. PLoS ONE, 2019, 14, e0219616.	1.1	5
56	Surviving onshore soil microbial communities differ among the Qing-Tibetan lakes with different salinity. FEMS Microbiology Ecology, 2019, 95, .	1.3	2
57	Electron Microscopic Characterization of Mineral-Microbe Interactions. Microscopy and Microanalysis, 2019, 25, 2350-2351.	0.2	0
58	Low-dose HRTEM Study of Interstratified Clay Minerals. Microscopy and Microanalysis, 2019, 25, 2472-2473.	0.2	0
59	Synergistic Effects of Reduced Nontronite and Organic Ligands on Cr(VI) Reduction. Environmental Science & Technology, 2019, 53, 13732-13741.	4.6	47
60	Comparative evaluation of three archaeal primer pairs for exploring archaeal communities in deep-sea sediments and permafrost soils. Extremophiles, 2019, 23, 747-757.	0.9	12
61	Electron transfer between sorbed Fe(II) and structural Fe(III) in smectites and its effect on nitrate-dependent iron oxidation by Pseudogulbenkiania sp. strain 2002. Geochimica Et Cosmochimica Acta, 2019, 265, 132-147.	1.6	23
62	Microbial diversity of two cold seep systems in gas hydrate-bearing sediments in the South China Sea. Marine Environmental Research, 2019, 144, 230-239.	1.1	59
63	Biodiversity patterns across taxonomic groups along a lake water-depth gradient: Effects of abiotic and biotic drivers. Science of the Total Environment, 2019, 686, 1262-1271.	3.9	22
64	Chemical composition of n-alkanes and microbially mediated n-alkane degradation potential differ in the sediments of Qinghai-Tibetan lakes with different salinity. Chemical Geology, 2019, 524, 37-48.	1.4	25
65	Naturally occurring, microbially induced smectite-to-illite reaction. Geology, 2019, 47, 535-539.	2.0	37
66	A comprehensive census of lake microbial diversity on a global scale. Science China Life Sciences, 2019, 62, 1320-1331.	2.3	56
67	Unraveling the diversity of sedimentary sulfate-reducing prokaryotes (SRP) across Tibetan saline lakes using epicPCR. Microbiome, 2019, 7, 71.	4.9	16
68	Reactivity of redox cycled Fe-bearing subsurface sediments towards hexavalent chromium reduction. Geochimica Et Cosmochimica Acta, 2019, 252, 88-106.	1.6	37
69	Facilitated arsenic immobilization by biogenic ferrihydrite-goethite biphasic Fe(III) minerals (Fh-Gt) Tj ETQq1 1 0.784314 rgBT /Overlock	4.2	21
70	Effect of ligands on the production of oxidants from oxygenation of reduced Fe-bearing clay mineral nontronite. Geochimica Et Cosmochimica Acta, 2019, 251, 136-156.	1.6	59
71	Tectonomicrobiology: A new paradigm for geobiological research. Science China Earth Sciences, 2018, 61, 494-498.	2.3	1
72	Shifts of methanogenic communities in response to permafrost thaw results in rising methane emissions and soil property changes. Extremophiles, 2018, 22, 447-459.	0.9	23

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73	Reduction of structural Fe(III) in nontronite by thermophilic microbial consortia enriched from hot springs in Tengchong, Yunnan Province, China. Chemical Geology, 2018, 479, 47-57.	1.4	13
74	Abundance and taxonomic affiliation of molybdenum transport and utilization genes in Tengchong hot springs, China. Environmental Microbiology, 2018, 20, 2397-2409.	1.8	5
75	Bioleaching of rare earth elements from bastnaesite-bearing rock by actinobacteria. Chemical Geology, 2018, 483, 544-557.	1.4	63
76	Adsorption and mineralization of REEâ€"lanthanum onto bacterial cell surface. Environmental Science and Pollution Research, 2018, 25, 22334-22339.	2.7	24
77	Microbial production of long-chain n-alkanes: Implication for interpreting sedimentary leaf wax signals. Organic Geochemistry, 2018, 115, 24-31.	0.9	39
78	Effects of citrate on hexavalent chromium reduction by structural Fe(II) in nontronite. Journal of Hazardous Materials, 2018, 343, 245-254.	6.5	41
79	The Role of Humic Substances in Abiotic Clay Mineral Transformation. Microscopy and Microanalysis, 2018, 24, 1384-1385.	0.2	0
80	High Diversity of Myocyanophage in Various Aquatic Environments Revealed by High-Throughput Sequencing of Major Capsid Protein Gene With a New Set of Primers. Frontiers in Microbiology, 2018, 9, 887.	1.5	5
81	Biosynthesized magnetite-perovskite (XFe2O4-BiFeO3) interfaces for toxic trace metal removal from aqueous solution. Ceramics International, 2018, 44, 21210-21220.	2.3	4
82	Significant seasonal variations of microbial community in an acid mine drainage lake in Anhui Province, China. Environmental Pollution, 2017, 223, 507-516.	3.7	30
83	Coupling of Fe(II) oxidation in illite with nitrate reduction and its role in clay mineral transformation. Geochimica Et Cosmochimica Acta, 2017, 200, 353-366.	1.6	40
84	Degradation of 1, 4-dioxane by hydroxyl radicals produced from clay minerals. Journal of Hazardous Materials, 2017, 331, 88-98.	6.5	101
85	Hexavalent chromium removal by chitosan modified-bioreduced nontronite. Geochimica Et Cosmochimica Acta, 2017, 210, 25-41.	1.6	36
86	Reduced Iron-Containing Clay Minerals as Antibacterial Agents. Environmental Science & Technology, 2017, 51, 7639-7647.	4.6	64
87	Self-Assembly of Water-Soluble Glutathione Thiol-Capped n-Hematiteâ€"pâ€"XZn-Ferrites (X = Mg, Mn, or) Tj ETQq1 1 0.784314 rgBT	1.5	5
88	Transformation of halloysite and kaolinite into beidellite under hydrothermal condition. American Mineralogist, 2017, 102, 997-1005.	0.9	20
89	The Tolerance of Chromium (VI) by Delftia acidovorans. Microscopy and Microanalysis, 2017, 23, 1360-1361.	0.2	0
90	Thioarsenate Formation Coupled with Anaerobic Arsenite Oxidation by a Sulfate-Reducing Bacterium Isolated from a Hot Spring. Frontiers in Microbiology, 2017, 8, 1336.	1.5	35

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91	Microbial Community of High Arsenic Groundwater in Agricultural Irrigation Area of Hetao Plain, Inner Mongolia. Frontiers in Microbiology, 2016, 7, 1917.	1.5	44
92	Salinity shapes microbial diversity and community structure in surface sediments of the Qinghai-Tibetan Lakes. Scientific Reports, 2016, 6, 25078.	1.6	161
93	Humic acid-enhanced illite and talc formation associated with microbial reduction of Fe(III) in nontronite. Chemical Geology, 2016, 447, 199-207.	1.4	32
94	Organic structural properties of kerogen as predictors of source rock type and hydrocarbon potential. Fuel, 2016, 184, 792-798.	3.4	31
95	Extracellular electron transfer mechanisms between microorganisms and minerals. Nature Reviews Microbiology, 2016, 14, 651-662.	13.6	1,224
96	Biological reduction of structural Fe(III) in smectites by a marine bacterium at 0.1 and 20 MPa. Chemical Geology, 2016, 438, 1-10.	1.4	19
97	Sedimentary archaeal amoA gene abundance reflects historic nutrient level and salinity fluctuations in Qinghai Lake, Tibetan Plateau. Scientific Reports, 2016, 5, 18071.	1.6	52
98	Temporal Succession of Ancient Phytoplankton Community in Qinghai Lake and Implication for Paleo-environmental Change. Scientific Reports, 2016, 6, 19769.	1.6	25
99	Stimulation of Fe(II) Oxidation, Biogenic Lepidocrocite Formation, and Arsenic Immobilization by Pseudogulbenkiania Sp. Strain 2002. Environmental Science & Technology, 2016, 50, 6449-6458.	4.6	63
100	Smectite, illite, and early diagenesis in South Pacific Gyre subseafloor sediment. Applied Clay Science, 2016, 134, 34-43.	2.6	12
101	Relative importance of advective flow versus environmental gradient in shaping aquatic ammonium oxidizers near the Three Gorges Dam of the Yangtze River, China. Environmental Microbiology Reports, 2016, 8, 667-674.	1.0	12
102	Single-Cell-Genomics-Facilitated Read Binning of Candidate Phylum EM19 Genomes from Geothermal Spring Metagenomes. Applied and Environmental Microbiology, 2016, 82, 992-1003.	1.4	36
103	Inhibitory effect of clay mineral on methanogenesis by Methanosarcina mazei and Methanothermobacter thermautotrophicus. Applied Clay Science, 2016, 126, 25-32.	2.6	13
104	A 12-kyr record of microbial branched and isoprenoid tetraether index in Lake Qinghai, northeastern Qinghai-Tibet Plateau: Implications for paleoclimate reconstruction. Science China Earth Sciences, 2016, 59, 951-960.	2.3	13
105	Global metagenomic survey reveals a new bacterial candidate phylum in geothermal springs. Nature Communications, 2016, 7, 10476.	5.8	189
106	Distribution and Diversity of Cyanobacteria and Eukaryotic Algae in Qinghaiâ€“Tibetan Lakes. Geomicrobiology Journal, 2016, 33, 860-869.	1.0	38
107	Preservation of organic matter in nontronite against iron redox cycling. American Mineralogist, 2016, 101, 120-133.	0.9	30
108	Enhanced and stabilized arsenic retention in microcosms through the microbial oxidation of ferrous iron by nitrate. Chemosphere, 2016, 144, 1106-1115.	4.2	44

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109	Generation of hydrothermal Feâ€Si oxyhydroxide deposit on the Southwest Indian Ridge and its implication for the origin of ancient banded iron formations. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 187-203.	1.3	16
110	Low-temperature feldspar and illite formation through bioreduction of Fe(III)-bearing smectite by an alkaliphilic bacterium. Chemical Geology, 2015, 406, 25-33.	1.4	19
111	Microbial Community in High Arsenic Shallow Groundwater Aquifers in Hetao Basin of Inner Mongolia, China. PLoS ONE, 2015, 10, e0125844.	1.1	63
112	Reduction of hexavalent chromium by the thermophilic methanogen Methanothermobacter thermautotrophicus. Geochimica Et Cosmochimica Acta, 2015, 148, 442-456.	1.6	89
113	Abiotic dechlorination in rock matrices impacted by long-term exposure to TCE. Chemosphere, 2015, 119, 744-749.	4.2	21
114	[Cobalt(III)â€“EDTA]â^' reduction by thermophilic methanogen Methanothermobacter thermautotrophicus. Chemical Geology, 2015, 411, 49-56.	1.4	8
115	Distribution of Arsenite-Oxidizing Bacteria and its Correlation with Temperature in Hot Springs of the Tibetan-Yunnan Geothermal Zone in Western China. Geomicrobiology Journal, 2015, 32, 482-493.	1.0	7
116	Distribution of ether lipids and composition of the archaeal community in terrestrial geothermal springs: impact of environmental variables. Environmental Microbiology, 2015, 17, 1600-1614.	1.8	29
117	Isolation of diverse members of the Aquificales from geothermal springs in Tengchong, China. Frontiers in Microbiology, 2015, 6, 157.	1.5	31
118	Distribution and Diversity of Aerobic Carbon Monoxide-Oxidizing Bacteria in Geothermal Springs of China, the Philippines, and the United States. Geomicrobiology Journal, 2015, 32, 903-913.	1.0	19
119	Natural attenuation potential of tricholoroethene in wetland plant roots: Role of native ammonium-oxidizing microorganisms. Chemosphere, 2015, 119, 971-977.	4.2	4
120	Biological Redox Cycling of Iron in Nontronite and Its Potential Application in Nitrate Removal. Environmental Science & Technology, 2015, 49, 5493-5501.	4.6	109
121	Deglacial and Holocene Archaeal Lipid-Inferred Paleohydrology and Paleotemperature History of Lake Qinghai, Northeastern Qinghaiâ€“Tibetan Plateau. Quaternary Research, 2015, 83, 116-126.	1.0	43
122	Taxonomic and Functional Diversity Provides Insight into Microbial Pathways and Stress Responses in the Saline Qinghai Lake, China. PLoS ONE, 2014, 9, e111681.	1.1	12
123	Metabolic Influence of Psychrophilic Diatoms on Travertines at the Huanglong Natural Scenic District of China. International Journal of Environmental Research and Public Health, 2014, 11, 13084-13096.	1.2	11
124	Abundance and Diversity of Sulfate-Reducing Bacteria in High Arsenic Shallow Aquifers. Geomicrobiology Journal, 2014, 31, 802-812.	1.0	28
125	Production of branched tetraether lipids in Tibetan hot springs: A possible linkage to nitrite reduction by thermotolerant or thermophilic bacteria?. Chemical Geology, 2014, 386, 209-217.	1.4	12
126	Microbial reduction and precipitation of vanadium by mesophilic and thermophilic methanogens. Chemical Geology, 2014, 370, 29-39.	1.4	91

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127	Smectite Reduction byShewanellaSpecies as Facilitated by Cystine and Cysteine. Geomicrobiology Journal, 2014, 31, 53-63.	1.0	32
128	Diversity and abundance of the arsenite oxidase gene aioA in geothermal areas of Tengchong, Yunnan, China. Extremophiles, 2014, 18, 161-170.	0.9	24
129	Reverse-transcriptional gene expression of anammox and ammonia-oxidizing archaea and bacteria in soybean and rice paddy soils of Northeast China. Applied Microbiology and Biotechnology, 2014, 98, 2675-2686.	1.7	23
130	Diversity and Abundance of Ammonia-Oxidizing Archaea and Bacteria in Diverse Chinese Paddy Soils. Geomicrobiology Journal, 2014, 31, 12-22.	1.0	23
131	Latitudinal Distribution of Ammonia-Oxidizing Bacteria and Archaea in the Agricultural Soils of Eastern China. Applied and Environmental Microbiology, 2014, 80, 5593-5602.	1.4	60
132	The role of Fe(III) bioreduction by methanogens in the preservation of organic matter in smectite. Chemical Geology, 2014, 389, 16-28.	1.4	27
133	Differential temperature and pH controls on the abundance and composition of H-GDGTs in terrestrial hot springs. Organic Geochemistry, 2014, 75, 109-121.	0.9	15
134	Seasonal patterns in microbial communities inhabiting the hot springs of <scp>T</scp>engchong, <scp>Y</scp>unnan Province, <scp>C</scp>hina. Environmental Microbiology, 2014, 16, 1579-1591.	1.8	57
135	Reduction and immobilization of hexavalent chromium by microbially reduced Fe-bearing clay minerals. Geochimica Et Cosmochimica Acta, 2014, 133, 186-203.	1.6	103
136	Permanganate diffusion and reaction in sedimentary rocks. Journal of Contaminant Hydrology, 2014, 159, 36-46.	1.6	10
137	Water depth affecting thaumarchaeol production in Lake Qinghai, northeastern Qinghaiâ€“Tibetan plateau: Implications for paleo lake levels and paleoclimate. Chemical Geology, 2014, 368, 76-84.	1.4	53
138	A less or more dusty future in the Northern Qinghai-Tibetan Plateau?. Scientific Reports, 2014, 4, 6672.	1.6	47
139	Identification of Photosynthetic Plankton Communities Using Sedimentary Ancient DNA and Their Response to late-Holocene Climate Change on the Tibetan Plateau. Scientific Reports, 2014, 4, 6648.	1.6	56
140	Greater temporal changes of sediment microbial community than its waterborne counterpart in Tengchong hot springs, Yunnan Province, China. Scientific Reports, 2014, 4, 7479.	1.6	41
141	The interaction of fungus with calcite and the effects on aqueous Geochemistry in karst systems. Carbonates and Evaporites, 2013, 28, 413-418.	0.4	11
142	Microbial reduction of Fe(III) in smectite minerals by thermophilic methanogen Methanothermobacter thermautotrophicus. Geochimica Et Cosmochimica Acta, 2013, 106, 203-215.	1.6	57
143	Iron and lead ion adsorption by microbial flocculants in synthetic wastewater and their related carbonate formation. Journal of Environmental Sciences, 2013, 25, 2422-2428.	3.2	13
144	Biological oxidation of Fe(II) in reduced nontronite coupled with nitrate reduction by Pseudogulbenkiania sp. Strain 2002. Geochimica Et Cosmochimica Acta, 2013, 119, 231-247.	1.6	88

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145	Evaluation of glycerol dialkyl glycerol tetraether proxies for reconstruction of the paleo-environment on the Qinghai-Tibetan Plateau. Organic Geochemistry, 2013, 61, 45-56.	0.9	30
146	Continental Scientific Drilling Project of Cretaceous Songliao Basin: Scientific objectives and drilling technology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 385, 6-16.	1.0	41
147	Bacterial and archaeal diversities in <scp>Y</scp>unnan and <scp>T</scp>ibetan hot springs, <scp>C</scp>hina. Environmental Microbiology, 2013, 15, 1160-1175.	1.8	121
148	Microbially mediated dolomite in Cambrian stromatolites from the Tarim Basin, northâ€west China: implications for the role of organic substrate on dolomite precipitation. Terra Nova, 2013, 25, 387-395.	0.9	39
149	Sediment microbial communities in Great Boiling Spring are controlled by temperature and distinct from water communities. ISME Journal, 2013, 7, 718-729.	4.4	182
150	Archaeal and bacterial diversity in acidic to circumneutral hot springs in the Philippines. FEMS Microbiology Ecology, 2013, 85, 452-464.	1.3	85
151	Assessing the ratio of archaeol to caldarchaeol as a salinity proxy in highland lakes on the northeastern Qinghaiâ€“Tibetan Plateau. Organic Geochemistry, 2013, 54, 69-77.	0.9	34
152	Coupled Diffusion and Abiotic Reaction of Trichlorethene in Minimally Disturbed Rock Matrices. Environmental Science & Technology, 2013, 47, 4291-4298.	4.6	30
153	Abundance and Diversity of Ammonia-Oxidizing Bacteria and Archaea in Cold Springs on the Qinghai-Tibet Plateau. Geomicrobiology Journal, 2013, 30, 530-539.	1.0	10
154	Diversity of Carbon Monoxide-Oxidizing Bacteria in Five Lakes on the Qinghai-Tibet Plateau, China. Geomicrobiology Journal, 2013, 30, 758-767.	1.0	17
155	Environmental controls on the distribution of archaeal lipids in <scp>T</scp>ibetan hot springs: insight into the application of organic proxies for biogeochemical processes. Environmental Microbiology Reports, 2013, 5, 868-882.	1.0	13
156	Microbial Diversity in High Arsenic Groundwater in Hetao Basin of Inner Mongolia, China. Geomicrobiology Journal, 2013, 30, 897-909.	1.0	35
157	Abundance and Diversity of Sulfur-Oxidizing Bacteria along a Salinity Gradient in Four Qinghai-Tibetan Lakes, China. Geomicrobiology Journal, 2013, 30, 851-860.	1.0	17
158	Cultivation and characterization of thermophilicNitrospiraspecies from geothermal springs in the US Great Basin, China, and Armenia. FEMS Microbiology Ecology, 2013, 85, 283-292.	1.3	64
159	Ti content in Huguangyan maar lake sediment as a proxy for monsoonâ€induced vegetation density in the Holocene. Geophysical Research Letters, 2013, 40, 5757-5763.	1.5	56
160	A Comprehensive Census of Microbial Diversity in Hot Springs of Tengchong, Yunnan Province China Using 16S rRNA Gene Pyrosequencing. PLoS ONE, 2013, 8, e53350.	1.1	216
161	Wide distribution of autochthonous branched glycerol dialkyl glycerol tetraethers (bGDGTs) in U.S. Great Basin hot springs. Frontiers in Microbiology, 2013, 4, 222.	1.5	11
162	The distribution and abundance of archaeal tetraether lipids in U.S. Great Basin hot springs. Frontiers in Microbiology, 2013, 4, 247.	1.5	7

#	Article	IF	Citations
163	Impacts of temperature and pH on the distribution of archaeal lipids in Yunnan hot springs, China. Frontiers in Microbiology, 2013, 4, 312.	1.5	12
164	amoA-encoding archaea and thaumarchaeol in the lakes on the northeastern Qinghai-Tibetan Plateau, China. Frontiers in Microbiology, 2013, 4, 329.	1.5	34
165	Control of Temperature on Microbial Community Structure in Hot Springs of the Tibetan Plateau. PLoS ONE, 2013, 8, e62901.	1.1	157
166	Actinobacterial Diversity in Microbial Mats of Five Hot Springs in Central and Central-Eastern Tibet, China. Geomicrobiology Journal, 2012, 29, 520-527.	1.0	17
167	Microbial Diversity and Community Structure on Corroding Concretes. Geomicrobiology Journal, 2012, 29, 450-458.	1.0	9
168	Geomicrobiology Research in China: Mineral-Microbe Interactions. Geomicrobiology Journal, 2012, 29, 197-198.	1.0	4
169	The Response of Potentially Active Planktonic Actinobacteria to the Construction of Three Gorges Dam of the Yangtze River, China. Geomicrobiology Journal, 2012, 29, 114-123.	1.0	4
170	Endolithic Bacterial Communities in Dolomite and Limestone Rocks from the Nanjiang Canyon in Guizhou Karst Area (China). Geomicrobiology Journal, 2012, 29, 213-225.	1.0	38
171	Distribution of glycerol dialkyl glycerol tetraethers in surface sediments of Lake Qinghai and surrounding soil. Organic Geochemistry, 2012, 47, 78-87.	0.9	84
172	Microbial Community Composition in Acid Mine Drainage Lake of Xiang Mountain Sulfide Mine in Anhui Province, China. Geomicrobiology Journal, 2012, 29, 886-895.	1.0	18
173	A carbon free filter for collection of large volume samples of cellular biomass from oligotrophic waters. Journal of Microbiological Methods, 2012, 90, 145-151.	0.7	4
174	Effects of redox cycling of iron in nontronite on reduction of technetium. Chemical Geology, 2012, 291, 206-216.	1.4	75
175	Microbial reduction of Fe(III) in illiteâ€“smectite minerals by methanogen Methanosarcina mazei. Chemical Geology, 2012, 292-293, 35-44.	1.4	101
176	Use of microfocused X-ray techniques to investigate the mobilization of arsenic by oxalic acid. Geochimica Et Cosmochimica Acta, 2012, 91, 254-270.	1.6	9
177	Diversity of microbial plankton across the Three Gorges Dam of the Yangtze River, China. Geoscience Frontiers, 2012, 3, 335-349.	4.3	35
178	Microbial diversity in cold seep sediments from the northern South China Sea. Geoscience Frontiers, 2012, 3, 301-316.	4.3	47
179	Distribution of glycerol dialkyl glycerol tetraethers in Tibetan hot springs. Geoscience Frontiers, 2012, 3, 289-300.	4.3	22
180	Microbial diversity in two cold springs on the Qinghai-Tibetan Plateau. Geoscience Frontiers, 2012, 3, 317-325.	4.3	10

#	Article	IF	Citations
181	Distinguishing ectomycorrhizal and saprophytic fungi using carbon and nitrogen isotopic compositions. Geoscience Frontiers, 2012, 3, 351-356.	4.3	28
182	A review of the microbiology of the Rehai geothermal field in Tengchong, Yunnan Province, China. Geoscience Frontiers, 2012, 3, 273-288.	4.3	59
183	Biogeochemistry and geomicrobiology in extreme environments: Preface. Geoscience Frontiers, 2012, 3, 269-271.	4.3	1
184	Growth of non-phototrophic microorganisms using solar energy through mineral photocatalysis. Nature Communications, 2012, 3, 768.	5.8	126
185	Abundance and diversity of candidate division JS1- and Chloroflexi-related bacteria in cold seep sediments of the northern South China Sea. Frontiers of Earth Science, 2012, 6, 373-382.	0.9	7
186	Co-occurrence of nitrite-dependent anaerobic methane oxidizing and anaerobic ammonia oxidizing bacteria in two Qinghai-Tibetan saline lakes. Frontiers of Earth Science, 2012, 6, 383-391.	0.9	53
187	Isolation ofPaenibacillussp. and Assessment of its Potential for Enhancing Mineral Weathering. Geomicrobiology Journal, 2012, 29, 413-421.	1.0	190
188	Microbial reduction of chlorite and uranium followed by air oxidation. Chemical Geology, 2011, 283, 242-250.	1.4	38
189	Mineral transformations associated with goethite reduction by Methanosarcina barkeri. Chemical Geology, 2011, 288, 53-60.	1.4	36
190	Reduction of structural Fe(III) in nontronite by methanogen Methanosarcina barkeri. Geochimica Et Cosmochimica Acta, 2011, 75, 1057-1071.	1.6	96
191	Bioreduction of Fe-bearing clay minerals and their reactivity toward pertechnetate (Tc-99). Geochimica Et Cosmochimica Acta, 2011, 75, 5229-5246.	1.6	128
192	Application of Electron Energy-Loss Spectroscopy (EELS) and Energy-Filtered Transmission Electron Microscopy (EFTEM) to the Study of Mineral Transformation Associated with Microbial Fe-Reduction of Magnetite. Clays and Clay Minerals, 2011, 59, 176-188.	0.6	15
193	Ammonia-oxidizing Archaea in Kamchatka Hot Springs. Geomicrobiology Journal, 2011, 28, 149-159.	1.0	21
194	The Formation of Illite from Nontronite by Mesophilic and Thermophilic Bacterial Reaction. Clays and Clay Minerals, 2011, 59, 21-33.	0.6	45
195	Archaeal and bacterial diversity in hot springs on the Tibetan Plateau, China. Extremophiles, 2011, 15, 549-563.	0.9	80
196	Production of Branched Tetraether Lipids in the Lower Pearl River and Estuary: Effects of Extraction Methods and Impact on bGDGT Proxies. Frontiers in Microbiology, 2011, 2, 274.	1.5	58
197	Comparison of reduction extent of Fe(III) in nontronite by Shewanella putrefaciens and Desulfovibrio vulgaris. Journal of Earth Science (Wuhan, China), 2010, 21, 297-299.	1.1	5
198	Planktonic actinobacterial diversity along a salinity gradient of a river and five lakes on the Tibetan Plateau. Extremophiles, 2010, 14, 367-376.	0.9	35

#	Article	IF	Citations
199	Microbial diversity in acid mine drainage of Xiang Mountain sulfide mine, Anhui Province, China. Extremophiles, 2010, 14, 465-474.	0.9	61
200	Mineral-microbe interactions: a review. Frontiers of Earth Science, 2010, 4, 127-147.	0.5	70
201	Magnetic properties of muddy sediments on the northeastern continental shelves of China: Implication for provenance and transportation. Marine Geology, 2010, 274, 107-119.	0.9	46
202	RNA-Based Investigation of Ammonia-Oxidizing Archaea in Hot Springs of Yunnan Province, China. Applied and Environmental Microbiology, 2010, 76, 4538-4541.	1.4	81
203	Succession of Acidophilic Bacterial Community During Bio-oxidation of Refractory Gold-Containing Sulfides. Geomicrobiology Journal, 2010, 27, 683-691.	1.0	15
204	Bioavailability of Fe(III) In Loess Sediments: An Important Source of Electron Acceptors. Clays and Clay Minerals, 2010, 58, 542-557.	0.6	10
205	Response of Aerobic Anoxygenic Phototrophic Bacterial Diversity to Environment Conditions in Saline Lakes and Daotang River on the Tibetan Plateau, NW China. Geomicrobiology Journal, 2010, 27, 400-408.	1.0	26
206	Microbial dolomite precipitation using sulfate reducing and halophilic bacteria: Results from Qinghai Lake, Tibetan Plateau, NW China. Chemical Geology, 2010, 278, 151-159.	1.4	138
207	Sequencing of Multiple Clostridial Genomes Related to Biomass Conversion and Biofuel Production. Journal of Bacteriology, 2010, 192, 6494-6496.	1.0	81
208	Impacts of environmental change and human activity on microbial ecosystems on the Tibetan Plateau, NW China. GSA Today, 2010, , 4-10.	1.1	30
209	Microbial Mineral Weathering for Nutrient Acquisition Releases Arsenic. Applied and Environmental Microbiology, 2009, 75, 2558-2565.	1.4	95
210	Biomineralization associated with microbial reduction of Fe3+ and oxidation of Fe2+ in solid minerals. American Mineralogist, 2009, 94, 1049-1058.	0.9	30
211	Phylogeography of regional fauna on the Tibetan Plateau: A review. Progress in Natural Science: Materials International, 2009, 19, 789-799.	1.8	82
212	Diversity of Actinobacterial community in saline sediments from Yunnan and Xinjiang, China. Extremophiles, 2009, 13, 623-632.	0.9	32
213	Bacterial Succession within an Ephemeral Hypereutrophic Mojave Desert Playa Lake. Microbial Ecology, 2009, 57, 307-320.	1.4	35
214	Abundance and diversity of aerobic anoxygenic phototrophic bacteria in saline lakes on the Tibetan plateau. FEMS Microbiology Ecology, 2009, 67, 268-278.	1.3	47
215	Late Holocene forcing of the Asian winter and summer monsoon as evidenced by proxy records from the northern Qinghaiâ€“Tibetan Plateau. Earth and Planetary Science Letters, 2009, 280, 276-284.	1.8	168
216	Reduction and long-term immobilization of technetium by Fe(II) associated with clay mineral nontronite. Chemical Geology, 2009, 264, 127-138.	1.4	108

#	Article	IF	Citations
217	Geochemistry of basal Cambrian black shales and cherts from the Northern Tarim Basin, Northwest China: Implications for depositional setting and tectonic history. Journal of Asian Earth Sciences, 2009, 34, 418-436.	1.0	82
218	Microbe-clay mineral interactions. American Mineralogist, 2009, 94, 1505-1519.	0.9	230
219	Response of Archaeal Community Structure to Environmental Changes in Lakes on the Tibetan Plateau, Northwestern China. Geomicrobiology Journal, 2009, 26, 289-297.	1.0	41
220	ActinobacterialDiversity in Hot Springs in Tengchong (China), Kamchatka (Russia), and Nevada (USA). Geomicrobiology Journal, 2009, 26, 256-263.	1.0	36
221	Diversity and Abundance of Ammonia-Oxidizing Archaea and Bacteria in Qinghai Lake, Northwestern China. Geomicrobiology Journal, 2009, 26, 199-211.	1.0	74
222	Archaeal Lipids and 16S rRNA Genes Characterizing Non-hydrate and Hydrate-Impacted Sediments in the Gulf of Mexico. Geomicrobiology Journal, 2009, 26, 227-237.	1.0	10
223	The role of clay minerals in the preservation of organic matter in sediments of Qinghai Lake, NW China. Clays and Clay Minerals, 2009, 57, 213-226.	0.6	23
224	Dominance of putative marine benthic Archaea in Qinghai Lake, northâ€western China. Environmental Microbiology, 2008, 10, 2355-2367.	1.8	62
225	High beta diversity of bacteria in the shallow terrestrial subsurface. Environmental Microbiology, 2008, 10, 2537-2549.	1.8	36
226	Partitioning of Fe(II) in reduced nontronite (NAu-2) to reactive sites: reactivity in terms of Tc(VII) reduction. Clays and Clay Minerals, 2008, 56, 175-189.	0.6	64
227	Role of Microbial Fe(III) Reduction and Solution Chemistry in Aggregation and Settling of Suspended Particles in the Mississippi River Delta Plain, Louisiana, USA. Clays and Clay Minerals, 2008, 56, 416-428.	0.6	20
228	Microbial Life in Extreme Environments: Linking Geological and Microbiological Processes. Modern Approaches in Solid Earth Sciences, 2008, , 237-280.	0.1	10
229	Evolution of Chaka Salt Lake in NW China in response to climatic change during the Latest Pleistoceneâ€“Holocene. Quaternary Science Reviews, 2008, 27, 867-879.	1.4	136
230	Fe2+ sorption onto nontronite (NAu-2). Geochimica Et Cosmochimica Acta, 2008, 72, 5361-5371.	1.6	50
231	Microbial effects in promoting the smectite to illite reaction: Role of organic matter intercalated in the interlayer. American Mineralogist, 2007, 92, 1401-1410.	0.9	62
232	Nontronite particle aggregation induced by microbial Fe(III) reduction and exopolysaccharide production. Clays and Clay Minerals, 2007, 55, 96-107.	0.6	53
233	Microbial Diversity in the Deep Marine Sediments from the Qiongdongnan Basin in South China Sea. Geomicrobiology Journal, 2007, 24, 505-517.	1.0	38
234	Who's Who in Mineral Names. Rocks and Minerals, 2007, 82, 516-519.	0.0	0

#	Article	IF	Citations
235	Ultrahigh-Pressure Mineral Assemblages in Zircons from the Surface to 5158 m Depth in Cores of the Main Drill Hole, Chinese Continental Scientific Drilling Project, Southwestern Sulu Belt, China. International Geology Review, 2007, 49, 454-478.	1.1	39
236	Microbial reduction of structural Fe3+ in nontronite by a thermophilic bacterium and its role in promoting the smectite to illite reaction. American Mineralogist, 2007, 92, 1411-1419.	0.9	75
237	The limited role of aquifer heterogeneity on metal reduction in an Atlantic coastal plain determined by push-pull tests. Applied Geochemistry, 2007, 22, 974-995.	1.4	2
238	Mineralogical and geochemical evidence for coupled bacterial uranium mineralization and hydrocarbon oxidation in the Shashagetai deposit, NW China. Chemical Geology, 2007, 236, 167-179.	1.4	93
239	Influence of biogenic Fe(II) on the extent of microbial reduction of Fe(III) in clay minerals nontronite, illite, and chlorite. Geochimica Et Cosmochimica Acta, 2007, 71, 1145-1158.	1.6	137
240	Kinetic Analysis of Microbial Reduction of Fe(III) in Nontronite. Environmental Science & Technology, 2007, 41, 2437-2444.	4.6	41
241	Endolithic cyanobacteria in soil gypsum: Occurrences in Atacama (Chile), Mojave (United States), and Al-Jafr Basin (Jordan) Deserts. Journal of Geophysical Research, 2007, 112, .	3.3	89
242	Correlation between bacterial attachment rate coefficients and hydraulic conductivity and its effect on field-scale bacterial transport. Advances in Water Resources, 2007, 30, 1571-1582.	1.7	26
243	Microbial response to salinity change in Lake Chaka, a hypersaline lake on Tibetan plateau. Environmental Microbiology, 2007, 9, 2603-2621.	1.8	210
244	Iron and phosphorus effects on the growth of Cryptomonas sp. (Cryptophyceae) and their availability in sediments from the Pearl River Estuary, China. Estuarine, Coastal and Shelf Science, 2007, 73, 501-509.	0.9	17
245	Geomicrobiological processes in extreme environments: A review. Episodes, 2007, 30, 202-216.	0.8	24
246	Unique Microbial Community in Drilling Fluids from Chinese Continental Scientific Drilling. Geomicrobiology Journal, 2006, 23, 499-514.	1.0	24
247	Reductive biotransformation of Fe in shaleâ€“limestone saprolite containing Fe(III) oxides and Fe(II)/Fe(III) phyllosilicates. Geochimica Et Cosmochimica Acta, 2006, 70, 3662-3676.	1.6	67
248	Microbial reduction of fe(III) in the Fithian and Muloorina illites: contrasting extents and rates of bioreduction. Clays and Clay Minerals, 2006, 54, 67-79.	0.6	51
249	Change of Collision Efficiency with Distance in Bacterial Transport Experiments. Ground Water, 2006, 44, 415-429.	0.7	12
250	Microbial Diversity in Sediments of Saline Qinghai Lake, China: Linking Geochemical Controls to Microbial Ecology. Microbial Ecology, 2006, 51, 65-82.	1.4	133
251	Microbial Diversity in Water and Sediment of Lake Chaka, an Athalassohaline Lake in Northwestern China. Applied and Environmental Microbiology, 2006, 72, 3832-3845.	1.4	379
252	The effect of microbial Fe(III) reduction on smectite flocculation. Clays and Clay Minerals, 2005, 53, 572-579.	0.6	30

#	Article	IF	Citations
253	Microbial Diversity in Ultra-High-Pressure Rocks and Fluids from the Chinese Continental Scientific Drilling Project in China. Applied and Environmental Microbiology, 2005, 71, 3213-3227.	1.4	77
254	Control of Fe(III) site occupancy on the rate and extent of microbial reduction of Fe(III) in nontronite. Geochimica Et Cosmochimica Acta, 2005, 69, 5429-5440.	1.6	142
255	Role of Microbes in the Smectite-to-Illite Reaction. Science, 2004, 303, 830-832.	6.0	262
256	Experimental Measurements of the Adsorption ofBacillus subtilisandPseudomonas mendocinaOnto Fe-Oxyhydroxide-Coated and Uncoated Quartz Grains. Geomicrobiology Journal, 2004, 21, 511-519.	1.0	83
257	Microscopic Evidence for Microbial Dissolution of Smectite. Clays and Clay Minerals, 2003, 51, 502-512.	0.6	107
258	The role of physical, chemical, and microbial heterogeneity on the field-scale transport and attachment of bacteria. Water Resources Research, 2003, 39, .	1.7	35
259	Microbial Reduction of Structural Fe(III) in Illite and Goethite. Environmental Science & Technology, 2003, 37, 1268-1276.	4.6	128
260	The Factors Controlling Microbial Distribution and Activity in the Shallow Subsurface. Geomicrobiology Journal, 2003, 20, 245-261.	1.0	30
261	Microscopic Evidence for Microbial Dissolution of Smectite. , 2003, 51, 502.		2
262	TRANSMISSION AND ANALYTICAL ELECTRON MICROSCOPY EVIDENCE FOR HIGH Mg CONTENTS OF 1<I>M</I> ILLITE: ABSENCE OF 1 M POLYTYPISM IN NORMAL PROGRADE DIAGENETIC SEQUENCES OF PELITIC ROCKS. Clays and Clay Minerals, 2002, 50, 757-765.	0.6	18
263	Relative Dominance of Physical versus Chemical Effects on the Transport of Adhesion-Deficient Bacteria in Intact Cores from South Oyster, Virginia. Environmental Science & Technology, 2002, 36, 891-900.	4.6	68
264	Significance of electrophoretic mobility distribution to bacterial transport in granular porous media. Journal of Microbiological Methods, 2002, 51, 83-93.	0.7	31
265	Theoretical prediction of collision efficiency between adhesion-deficient bacteria and sediment grain surface. Colloids and Surfaces B: Biointerfaces, 2002, 24, 229-245.	2.5	76
266	Breakthroughs in field-scale bacterial transport. Eos, 2001, 82, 417-417.	0.1	12
267	Transmission Electron Microscopy Study of Conversion of Smectite to Illite in Mudstones of the Nankai trough: Contrast with Coeval Bentonites. Clays and Clay Minerals, 2001, 49, 109-118.	0.6	33
268	Mineral transformations associated with the microbial reduction of magnetite. Chemical Geology, 2000, 169, 299-318.	1.4	180
269	Phase relations among smectite, R1 illite-smectite, and illite. American Mineralogist, 1997, 82, 379-391.	0.9	79
270	TEM Observations of Coherent Stacking Relations in Smectite, I/S and Illite of Shales: Evidence for MacEwan Crystallites and Dominance of 2M1 Polytypism. Clays and Clay Minerals, 1996, 44, 257-275.	0.6	66