

Liuqin Huang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,227
citations

471509

17
h-index

454955

30
g-index

30
all docs

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docs citations

30
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Census of Microbial Diversity in Hot Springs of Tengchong, Yunnan Province China Using 16S rRNA Gene Pyrosequencing. PLoS ONE, 2013, 8, e53350.	2.5	216
2	Control of Temperature on Microbial Community Structure in Hot Springs of the Tibetan Plateau. PLoS ONE, 2013, 8, e62901.	2.5	157
3	Microbial reduction of Fe(III) in illite-smectite minerals by methanogen Methanosarcina mazei. Chemical Geology, 2012, 292-293, 35-44.	3.3	101
4	A critical review of mineral-microbe interaction and co-evolution: mechanisms and applications. National Science Review, 2022, 9, .	9.5	86
5	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.	10.0	79
6	Cultivation and characterization of thermophilic <i>Nitrospira</i> species from geothermal springs in the US Great Basin, China, and Armenia. FEMS Microbiology Ecology, 2013, 85, 283-292.	2.7	64
7	Potential utilization of terrestrially derived dissolved organic matter by aquatic microbial communities in saline lakes. ISME Journal, 2020, 14, 2313-2324.	9.8	64
8	Latitudinal Distribution of Ammonia-Oxidizing Bacteria and Archaea in the Agricultural Soils of Eastern China. Applied and Environmental Microbiology, 2014, 80, 5593-5602.	3.1	60
9	Greater temporal changes of sediment microbial community than its waterborne counterpart in Tengchong hot springs, Yunnan Province, China. Scientific Reports, 2014, 4, 7479.	3.3	41
10	Bio-reduction of ferrihydrite-montmorillonite-organic matter complexes: Effect of montmorillonite and fate of organic matter. Geochimica Et Cosmochimica Acta, 2020, 276, 327-344.	3.9	39
11	Diversity of microbial plankton across the Three Gorges Dam of the Yangtze River, China. Geoscience Frontiers, 2012, 3, 335-349.	8.4	35
12	Thioarsenate Formation Coupled with Anaerobic Arsenite Oxidation by a Sulfate-Reducing Bacterium Isolated from a Hot Spring. Frontiers in Microbiology, 2017, 8, 1336.	3.5	35
13	In Situ Liquid Secondary Ion Mass Spectrometry: A Surprisingly Soft Ionization Process for Investigation of Halide Ion Hydration. Analytical Chemistry, 2019, 91, 7039-7046.	6.5	27
14	Diversity and Abundance of Ammonia-Oxidizing Archaea and Bacteria in Diverse Chinese Paddy Soils. Geomicrobiology Journal, 2014, 31, 12-22.	2.0	23
15	Microbial diversity accumulates in a downstream direction in the Three Gorges Reservoir. Journal of Environmental Sciences, 2021, 101, 156-167.	6.1	20
16	Actinobacterial Diversity in the Sediments of Five Cold Springs on the Qinghai-Tibet Plateau. Frontiers in Microbiology, 2015, 6, 1345.	3.5	19
17	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.	2.0	19
18	Biological reduction of structural Fe(III) in smectites by a marine bacterium at 0.1 and 20 MPa. Chemical Geology, 2016, 438, 1-10.	3.3	19

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19	Role of clay-associated humic substances in catalyzing bioreduction of structural Fe(III) in nontronite by <i>Shewanella putrefaciens</i> CN32. <i>Science of the Total Environment</i> , 2020, 741, 140213.	8.0	19
20	Correlative surface imaging reveals chemical signatures for bacterial hotspots on plant roots. <i>Analyst, The</i> , 2020, 145, 393-401.	3.5	15
21	Reduction of structural Fe(III) in nontronite by thermophilic microbial consortia enriched from hot springs in Tengchong, Yunnan Province, China. <i>Chemical Geology</i> , 2018, 479, 47-57.	3.3	13
22	Relative importance of advective flow versus environmental gradient in shaping aquatic ammonium oxidizers near the Three Gorges Dam of the Yangtze River, China. <i>Environmental Microbiology Reports</i> , 2016, 8, 667-674.	2.4	12
23	Microbial diversity in two cold springs on the Qinghai-Tibetan Plateau. <i>Geoscience Frontiers</i> , 2012, 3, 317-325.	8.4	10
24	Abundance and Diversity of Ammonia-Oxidizing Bacteria and Archaea in Cold Springs on the Qinghai-Tibet Plateau. <i>Geomicrobiology Journal</i> , 2013, 30, 530-539.	2.0	10
25	Coupling quinoline degradation with Fe redox in clay minerals: A strategy integrating biological and physicochemical processes. <i>Applied Clay Science</i> , 2020, 188, 105504.	5.2	10
26	Onshore soil microbes and endophytes respond differently to geochemical and mineralogical changes in the Aral Sea. <i>Science of the Total Environment</i> , 2021, 765, 142675.	8.0	9
27	Unconventional microbial mechanisms for the key factors influencing inorganic nitrogen removal in stormwater bioretention columns. <i>Water Research</i> , 2022, 209, 117895.	11.3	9
28	Molecular Determination of Organic Adsorption Sites on Smectite during Fe Redox Processes Using ToF-SIMS Analysis. <i>Environmental Science & Technology</i> , 2021, 55, 7123-7134.	10.0	8
29	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.	2.0	4
30	Distribution of Hydrogen-Producing Bacteria in Tibetan Hot Springs, China. <i>Frontiers in Microbiology</i> , 2021, 12, 569020.	3.5	4