# Liuqin Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4297961/publications.pdf

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|---|---|---|---|
| 30<br>papers | 1,227<br>citations | 471509<br>17<br>h-index | 454955<br>30<br>g-index |
| 30<br>all docs | 30<br>docs citations | 30<br>times ranked | 1391<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Unconventional microbial mechanisms for the key factors influencing inorganic nitrogen removal in stormwater bioretention columns. Water Research, 2022, 209, 117895. | 11.3 | 9 |
| 2 | A critical review of mineralâ€“microbe interaction and co-evolution: mechanisms and applications. National Science Review, 2022, 9, . | 9.5 | 86 |
| 3 | Onshore soil microbes and endophytes respond differently to geochemical and mineralogical changes in the Aral Sea. Science of the Total Environment, 2021, 765, 142675. | 8.0 | 9 |
| 4 | Microbial diversity accumulates in a downstream direction in the Three Gorges Reservoir. Journal of Environmental Sciences, 2021, 101, 156-167. | 6.1 | 20 |
| 5 | Molecular Determination of Organic Adsorption Sites on Smectite during Fe Redox Processes Using ToF-SIMS Analysis. Environmental Science & Technology, 2021, 55, 7123-7134. | 10.0 | 8 |
| 6 | Distribution of Hydrogen-Producing Bacteria in Tibetan Hot Springs, China. Frontiers in Microbiology, 2021, 12, 569020. | 3.5 | 4 |
| 7 | Correlative surface imaging reveals chemical signatures for bacterial hotspots on plant roots. Analyst, The, 2020, 145, 393-401. | 3.5 | 15 |
| 8 | 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 |
| 9 | Potential utilization of terrestrially derived dissolved organic matter by aquatic microbial communities in saline lakes. ISME Journal, 2020, 14, 2313-2324. | 9.8 | 64 |
| 10 | 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. | 8.0 | 19 |
| 11 | Coupling quinoline degradation with Fe redox in clay minerals: A strategy integrating biological and physicochemical processes. Applied Clay Science, 2020, 188, 105504. | 5.2 | 10 |
| 12 | 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 |
| 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 | 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. | 3.3 | 13 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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. | 2.4 | 12 |
| 18 | Actinobacterial Diversity in the Sediments of Five Cold Springs on the Qinghai-Tibet Plateau. Frontiers in Microbiology, 2015, 6, 1345. | 3.5 | 19 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Diversity and Abundance of Ammonia-Oxidizing Archaea and Bacteria in Diverse Chinese Paddy Soils. Geomicrobiology Journal, 2014, 31, 12-22. | 2.0 | 23 |
| 21 | 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 |
| 22 | 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 |
| 23 | Abundance and Diversity of Ammonia-Oxidizing Bacteria and Archaea in Cold Springs on the Qinghai-Tibet Plateau. Geomicrobiology Journal, 2013, 30, 530-539. | 2.0 | 10 |
| 24 | Cultivation and characterization of thermophilicNitrospiraspecies from geothermal springs in the US Great Basin, China, and Armenia. FEMS Microbiology Ecology, 2013, 85, 283-292. | 2.7 | 64 |
| 25 | 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 |
| 26 | Control of Temperature on Microbial Community Structure in Hot Springs of the Tibetan Plateau. PLoS ONE, 2013, 8, e62901. | 2.5 | 157 |
| 27 | 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. | 2.0 | 4 |
| 28 | Microbial reduction of Fe(III) in illiteâ€“smectite minerals by methanogen Methanosarcina mazei. Chemical Geology, 2012, 292-293, 35-44. | 3.3 | 101 |
| 29 | Diversity of microbial plankton across the Three Gorges Dam of the Yangtze River, China. Geoscience Frontiers, 2012, 3, 335-349. | 8.4 | 35 |
| 30 | Microbial diversity in two cold springs on the Qinghai-Tibetan Plateau. Geoscience Frontiers, 2012, 3, 317-325. | 8.4 | 10 |