

Xiaolong Liang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

404
citations

840776

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21
times ranked

414
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Composition of soil viral and bacterial communities after long-term tillage, fertilization, and cover cropping management. <i>Applied Soil Ecology</i> , 2022, 177, 104510. | 4.3 | 5 |
| 2 | <i>Bacillus aryabhatai</i> LAD impacts rhizosphere bacterial community structure and promotes maize plant growth. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6650-6657. | 3.5 | 6 |
| 3 | Ammonia-oxidizing archaea are dominant over comammox in soil nitrification under long-term nitrogen fertilization. <i>Journal of Soils and Sediments</i> , 2021, 21, 1800-1814. | 3.0 | 15 |
| 4 | Bacteriophage-host depth distribution patterns in soil are maintained after nutrient stimulation in vitro. <i>Science of the Total Environment</i> , 2021, 787, 147589. | 8.0 | 4 |
| 5 | Viral abundance, community structure and correlation with bacterial community in soils of different cover plants. <i>Applied Soil Ecology</i> , 2021, 168, 104138. | 4.3 | 16 |
| 6 | Viral Abundance and Diversity of Production Fluids in Oil Reservoirs. <i>Microorganisms</i> , 2020, 8, 1429. | 3.6 | 3 |
| 7 | Lysogenic reproductive strategies of viral communities vary with soil depth and are correlated with bacterial diversity. <i>Soil Biology and Biochemistry</i> , 2020, 144, 107767. | 8.8 | 55 |
| 8 | Quorum Sensing Signals Alter in vitro Soil Virus Abundance and Bacterial Community Composition. <i>Frontiers in Microbiology</i> , 2020, 11, 1287. | 3.5 | 15 |
| 9 | Temporal Dynamics of Soil Virus and Bacterial Populations in Agricultural and Early Plant Successional Soils. <i>Frontiers in Microbiology</i> , 2020, 11, 1494. | 3.5 | 42 |
| 10 | Phage Communication and the Ecological Implications on Microbial Interactions, Diversity, and Function. , 2020, , 71-86. | | 1 |
| 11 | Viral abundance and diversity vary with depth in a southeastern United States agricultural ultisol. <i>Soil Biology and Biochemistry</i> , 2019, 137, 107546. | 8.8 | 37 |
| 12 | Commentary: A Host-Produced Quorum-Sensing Autoinducer Controls a Phage Lysis-Lysogeny Decision. <i>Frontiers in Microbiology</i> , 2019, 10, 1201. | 3.5 | 18 |
| 13 | Viral and bacterial community responses to stimulated Fe(III) bioreduction during simulated subsurface bioremediation. <i>Environmental Microbiology</i> , 2019, 21, 2043-2055. | 3.8 | 32 |
| 14 | Impact of microbial iron oxide reduction on the transport of diffusible tracers and non-diffusible nanoparticles in soils. <i>Chemosphere</i> , 2019, 220, 391-402. | 8.2 | 11 |
| 15 | Anaerobic lipopeptide biosurfactant production by an engineered bacterial strain for in situ microbial enhanced oil recovery. <i>RSC Advances</i> , 2017, 7, 20667-20676. | 3.6 | 30 |
| 16 | A Student's Guide to Giant Viruses Infecting Small Eukaryotes: From Acanthamoeba to Zooxanthellae. <i>Viruses</i> , 2017, 9, 46. | 3.3 | 52 |
| 17 | Comparison of Methods to Quantify Rhamnolipid and Optimization of Oil Spreading Method. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 243-248. | 1.2 | 24 |
| 18 | Optimization of culture medium for anaerobic production of rhamnolipid by recombinant <i>Pseudomonas stutzeri</i> ΔRhl for microbial enhanced oil recovery. <i>Letters in Applied Microbiology</i> , 2014, 59, 231-237. | 2.2 | 33 |