

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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docs citations

21
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Student's Guide to Giant Viruses Infecting Small Eukaryotes: From Acanthamoeba to Zooxanthellae. <i>Viruses</i> , 2017, 9, 46.	3.3	52
3	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
4	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
5	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
6	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
7	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
8	Comparison of Methods to Quantify Rhamnolipid and Optimization of Oil Spreading Method. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 243-248.	1.2	24
9	Commentary: A Host-Produced Quorum-Sensing Autoinducer Controls a Phage Lysis-Lysogeny Decision. <i>Frontiers in Microbiology</i> , 2019, 10, 1201.	3.5	18
10	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
11	Quorum Sensing Signals Alter in vitro Soil Virus Abundance and Bacterial Community Composition. <i>Frontiers in Microbiology</i> , 2020, 11, 1287.	3.5	15
12	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
13	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
14	<i>Bacillus aryabhatai</i> ΔLAD 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
15	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
16	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
17	Viral Abundance and Diversity of Production Fluids in Oil Reservoirs. <i>Microorganisms</i> , 2020, 8, 1429.	3.6	3
18	Phage Communication and the Ecological Implications on Microbial Interactions, Diversity, and Function. , 2020, , 71-86.		1