

Ya Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,753
citations

471061

17
h-index

642321

23
g-index

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all docs

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docs citations

24
times ranked

2438
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal Dynamics of Bacterial Communities along a Gradient of Disturbance in a U.S. Southern Plains Agroecosystem. <i>MBio</i> , 2022, 13, e0382921.	1.8	4
2	Reduction of microbial diversity in grassland soil is driven by long-term climate warming. <i>Nature Microbiology</i> , 2022, 7, 1054-1062.	5.9	86
3	Alkaline environments benefit microbial K-strategists to efficiently utilize protein substrate and promote valorization of protein waste into short-chain fatty acids. <i>Chemical Engineering Journal</i> , 2021, 404, 127147.	6.6	24
4	Climate warming enhances microbial network complexity and stability. <i>Nature Climate Change</i> , 2021, 11, 343-348.	8.1	672
5	Temporal Changes of Virus-Like Particle Abundance and Metagenomic Comparison of Viral Communities in Cropland and Prairie Soils. <i>MSphere</i> , 2021, 6, e0116020.	1.3	12
6	Seasonal dynamics of the microbial community in two full-scale wastewater treatment plants: Diversity, composition, phylogenetic group based assembly and co-occurrence pattern. <i>Water Research</i> , 2021, 200, 117295.	5.3	83
7	A quantitative framework reveals ecological drivers of grassland microbial community assembly in response to warming. <i>Nature Communications</i> , 2020, 11, 4717.	5.8	417
8	360-Degree Distribution of Biofilm Quantity and Community in an Operational Unchlorinated Drinking Water Distribution Pipe. <i>Environmental Science & Technology</i> , 2020, 54, 5619-5628.	4.6	33
9	Small and mighty: adaptation of superphylum Patescibacteria to groundwater environment drives their genome simplicity. <i>Microbiome</i> , 2020, 8, 51.	4.9	205
10	Assessing the contribution of biofilm to bacterial growth during stagnation in shower hoses. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 2564-2576.	1.0	5
11	Global diversity and biogeography of bacterial communities in wastewater treatment plants. <i>Nature Microbiology</i> , 2019, 4, 1183-1195.	5.9	491
12	The application of molecular tools to study the drinking water microbiome – Current understanding and future needs. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1188-1235.	6.6	38
13	Stepwise pH control to promote synergy of chemical and biological processes for augmenting short-chain fatty acid production from anaerobic sludge fermentation. <i>Water Research</i> , 2019, 155, 193-203.	5.3	92
14	Nontuberculous Mycobacteria Infection: Source and Treatment. <i>Current Pulmonology Reports</i> , 2019, 8, 151-159.	0.5	1
15	Ugly ducklings – the dark side of plastic materials in contact with potable water. <i>Npj Biofilms and Microbiomes</i> , 2018, 4, 7.	2.9	28
16	Assessing the origin of bacteria in tap water and distribution system in an unchlorinated drinking water system by SourceTracker using microbial community fingerprints. <i>Water Research</i> , 2018, 138, 86-96.	5.3	110
17	Impact of drinking water treatment and distribution on the microbiome continuum: an ecological disturbance's perspective. <i>Environmental Microbiology</i> , 2017, 19, 3163-3174.	1.8	56
18	Potential impacts of changing supply-water quality on drinking water distribution: A review. <i>Water Research</i> , 2017, 116, 135-148.	5.3	211

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19	Hotspots for selected metal elements and microbes accumulation and the corresponding water quality deterioration potential in an unchlorinated drinking water distribution system. <i>Water Research</i> , 2017, 124, 435-445.	5.3	77
20	Benefits of Genomic Insights and CRISPR-Cas Signatures to Monitor Potential Pathogens across Drinking Water Production and Distribution Systems. <i>Frontiers in Microbiology</i> , 2017, 8, 2036.	1.5	15
21	Phenotypic and Phylogenetic Identification of Coliform Bacteria Obtained Using 12 Coliform Methods Approved by the U.S. Environmental Protection Agency. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6012-6023.	1.4	21
22	Tracing fecal pollution sources in karst groundwater by Bacteroidales genetic biomarkers, bacterial indicators, and environmental variables. <i>Science of the Total Environment</i> , 2014, 490, 1082-1090.	3.9	55