

# Xiao-Ru Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,784  
citations

361296  
20  
h-index

501076  
28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Host age increased conjugal plasmid transfer in gut microbiota of the soil invertebrate <i>Caenorhabditis elegans</i> . <i>Journal of Hazardous Materials</i> , 2022, 424, 127525.	6.5	6
2	Mite gut microbiome and resistome exhibited species-specific and dose-dependent effect in response to oxytetracycline exposure. <i>Science of the Total Environment</i> , 2022, 807, 150802.	3.9	4
3	Effects of biofertilizer on soil microbial diversity and antibiotic resistance genes. <i>Science of the Total Environment</i> , 2022, 820, 153170.	3.9	23
4	Fates of Antibiotic Resistance Genes in the Gut Microbiome from Different Soil Fauna under Long-Term Fertilization. <i>Environmental Science &amp; Technology</i> , 2021, 55, 423-432.	4.6	26
5	Anammox Bacteria Are Potentially Involved in Anaerobic Ammonium Oxidation Coupled to Iron(III) Reduction in the Wastewater Treatment System. <i>Frontiers in Microbiology</i> , 2021, 12, 717249.	1.5	3
6	How can fertilization regimes and durations shape earthworm gut microbiota in a long-term field experiment?. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112643.	2.9	9
7	The driving factors of nematode gut microbiota under long-term fertilization. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	12
8	Prevalence of Antibiotic Resistome in Ready-to-Eat Salad. <i>Frontiers in Public Health</i> , 2020, 8, 92.	1.3	23
9	Does reduced usage of antibiotics in livestock production mitigate the spread of antibiotic resistance in soil, earthworm guts, and the phyllosphere?. <i>Environment International</i> , 2020, 136, 105359.	4.8	47
10	Straw biochar increases the abundance of inorganic phosphate solubilizing bacterial community for better rape ( <i>Brassica napus</i> ) growth and phosphate uptake. <i>Science of the Total Environment</i> , 2019, 647, 1113-1120.	3.9	76
11	Metabolic Inactivity and Re-awakening of a Nitrate Reduction Dependent Iron(II)-Oxidizing Bacterium <i>Bacillus ferrooxidans</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1494.	1.5	4
12	Adsorbed Sulfamethoxazole Exacerbates the Effects of Polystyrene (1/42 1/4m) on Gut Microbiota and the Antibiotic Resistome of a Soil Collembolan. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12823-12834.	4.6	63
13	Trophic Transfer of Antibiotic Resistance Genes in a Soil Detritus Food Chain. <i>Environmental Science &amp; Technology</i> , 2019, 53, 7770-7781.	4.6	69
14	Mineral and organic fertilization alters the microbiome of a soil nematode <i>Dorylaimus stagnalis</i> and its resistome. <i>Science of the Total Environment</i> , 2019, 680, 70-78.	3.9	35
15	Mobile Incubator for Iron(III) Reduction in the Gut of the Soil-Feeding Earthworm <i>Pheretima guillelmi</i> and Interaction with Denitrification. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4215-4223.	4.6	41
16	RNA Stable Isotope Probing of Potential Feammox Population in Paddy Soil. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4841-4849.	4.6	70
17	Distinct rhizosphere effect on active and total bacterial communities in paddy soils. <i>Science of the Total Environment</i> , 2019, 649, 422-430.	3.9	62
18	Responses to soil pH gradients of inorganic phosphate solubilizing bacteria community. <i>Scientific Reports</i> , 2019, 9, 25.	1.6	39

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19	Antibiotics Disturb the Microbiome and Increase the Incidence of Resistance Genes in the Gut of a Common Soil Collembolan. <i>Environmental Science &amp; Technology</i> , 2018, 52, 3081-3090.	4.6	162
20	Identification and characterization of inorganic-phosphate-solubilizing bacteria from agricultural fields with a rapid isolation method. <i>AMB Express</i> , 2018, 8, 47.	1.4	57
21	Exposure of soil collembolans to microplastics perturbs their gut microbiota and alters their isotopic composition. <i>Soil Biology and Biochemistry</i> , 2018, 116, 302-310.	4.2	385
22	Land Use Influences Antibiotic Resistance in the Microbiome of Soil Collembolans <i>Orchesellides sinensis</i> . <i>Environmental Science &amp; Technology</i> , 2018, 52, 14088-14098.	4.6	46
23	Exposure of a Soil Collembolan to Ag Nanoparticles and AgNO <sub>3</sub> Disturbs Its Associated Microbiota and Lowers the Incidence of Antibiotic Resistance Genes in the Gut. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12748-12756.	4.6	67
24	<i>Bacillus ferrooxidans</i> sp. nov., an iron(II)-oxidizing bacterium isolated from paddy soil. <i>Journal of Microbiology</i> , 2018, 56, 472-477.	1.3	5
25	Electron Shuttles Enhance Anaerobic Ammonium Oxidation Coupled to Iron(III) Reduction. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9298-9307.	4.6	217
26	pH regulates ammonia-oxidizing bacteria and archaea in paddy soils in Southern China. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 6113-6123.	1.7	70
27	Potential Contribution of Anammox to Nitrogen Loss from Paddy Soils in Southern China. <i>Applied and Environmental Microbiology</i> , 2015, 81, 938-947.	1.4	118
28	Impacts of vegetation, tidal process, and depth on the activities, abundances, and community compositions of denitrifiers in mangrove sediment. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9375-9387.	1.7	45