Xiao-Ru Yang

List of Publications by Year
in descending order

28	1,784	361296 20	501076 28
papers	citations	h-index	g-index

28	28	28	1895
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exposure of soil collembolans to microplastics perturbs their gut microbiota and alters their isotopic composition. Soil Biology and Biochemistry, 2018, 116, 302-310.	4.2	385
2	Electron Shuttles Enhance Anaerobic Ammonium Oxidation Coupled to Iron(III) Reduction. Environmental Science & Technology, 2016, 50, 9298-9307.	4.6	217
3	Antibiotics Disturb the Microbiome and Increase the Incidence of Resistance Genes in the Gut of a Common Soil Collembolan. Environmental Science & Technology, 2018, 52, 3081-3090.	4.6	162
4	Potential Contribution of Anammox to Nitrogen Loss from Paddy Soils in Southern China. Applied and Environmental Microbiology, 2015, 81, 938-947.	1.4	118
5	Straw biochar increases the abundance of inorganic phosphate solubilizing bacterial community for better rape (Brassica napus) growth and phosphate uptake. Science of the Total Environment, 2019, 647, 1113-1120.	3.9	76
6	pH regulates ammonia-oxidizing bacteria and archaea in paddy soils in Southern China. Applied Microbiology and Biotechnology, 2015, 99, 6113-6123.	1.7	70
7	RNA Stable Isotope Probing of Potential Feammox Population in Paddy Soil. Environmental Science & Technology, 2019, 53, 4841-4849.	4.6	70
8	Trophic Transfer of Antibiotic Resistance Genes in a Soil Detritus Food Chain. Environmental Science & Technology, 2019, 53, 7770-7781.	4.6	69
9	Exposure of a Soil Collembolan to Ag Nanoparticles and AgNO₃ Disturbs Its Associated Microbiota and Lowers the Incidence of Antibiotic Resistance Genes in the Gut. Environmental Science & Technology, 2018, 52, 12748-12756.	4.6	67
10	Adsorbed Sulfamethoxazole Exacerbates the Effects of Polystyrene (âˆ¼2 Î¼m) on Gut Microbiota and the Antibiotic Resistome of a Soil Collembolan. Environmental Science & Technology, 2019, 53, 12823-12834.	4.6	63
11	Distinct rhizosphere effect on active and total bacterial communities in paddy soils. Science of the Total Environment, 2019, 649, 422-430.	3.9	62
12	Identification and characterization of inorganic-phosphate-solubilizing bacteria from agricultural fields with a rapid isolation method. AMB Express, 2018, 8, 47.	1.4	57
13	Does reduced usage of antibiotics in livestock production mitigate the spread of antibiotic resistance in soil, earthworm guts, and the phyllosphere?. Environment International, 2020, 136, 105359.	4.8	47
14	Land Use Influences Antibiotic Resistance in the Microbiome of Soil Collembolans <i>Orchesellides sinensis</i>. Environmental Science & Technology, 2018, 52, 14088-14098.	4.6	46
15	Impacts of vegetation, tidal process, and depth on the activities, abundances, and community compositions of denitrifiers in mangrove sediment. Applied Microbiology and Biotechnology, 2014, 98, 9375-9387.	1.7	45
16	Mobile Incubator for Iron(III) Reduction in the Gut of the Soil-Feeding Earthworm <i>Pheretima guillelmi</i> and Interaction with Denitrification. Environmental Science & Technology, 2019, 53, 4215-4223.	4.6	41
17	Responses to soil pH gradients of inorganic phosphate solubilizing bacteria community. Scientific Reports, 2019, 9, 25.	1.6	39
18	Mineral and organic fertilization alters the microbiome of a soil nematode Dorylaimus stagnalis and its resistome. Science of the Total Environment, 2019, 680, 70-78.	3.9	35

#	Article	IF	Citations
19	Fates of Antibiotic Resistance Genes in the Gut Microbiome from Different Soil Fauna under Long-Term Fertilization. Environmental Science & Technology, 2021, 55, 423-432.	4.6	26
20	Prevalence of Antibiotic Resistome in Ready-to-Eat Salad. Frontiers in Public Health, 2020, 8, 92.	1.3	23
21	Effects of biofertilizer on soil microbial diversity and antibiotic resistance genes. Science of the Total Environment, 2022, 820, 153170.	3.9	23
22	The driving factors of nematode gut microbiota under long-term fertilization. FEMS Microbiology Ecology, 2020, 96, .	1.3	12
23	How can fertilization regimes and durations shape earthworm gut microbiota in a long-term field experiment?. Ecotoxicology and Environmental Safety, 2021, 224, 112643.	2.9	9
24	Host age increased conjugal plasmid transfer in gut microbiota of the soil invertebrate Caenorhabditis elegans. Journal of Hazardous Materials, 2022, 424, 127525.	6.5	6
25	Bacillus ferrooxidans sp. nov., an iron(II)-oxidizing bacterium isolated from paddy soil. Journal of Microbiology, 2018, 56, 472-477.	1.3	5
26	Metabolic Inactivity and Re-awakening of a Nitrate Reduction Dependent Iron(II)-Oxidizing Bacterium Bacillus ferrooxidans. Frontiers in Microbiology, 2019, 10, 1494.	1.5	4
27	Mite gut microbiome and resistome exhibited species-specific and dose-dependent effect in response to oxytetracycline exposure. Science of the Total Environment, 2022, 807, 150802.	3.9	4
28	Anammox Bacteria Are Potentially Involved in Anaerobic Ammonium Oxidation Coupled to Iron(III) Reduction in the Wastewater Treatment System. Frontiers in Microbiology, 2021, 12, 717249.	1.5	3