

# Zhaojin Chen ???

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

935  
citations

13  
h-index

30  
g-index

42  
ext. papers

1,177  
ext. citations

4.7  
avg, IF

4.16  
L-index

#	Paper	IF	Citations
29	Isolation of heavy metal-immobilizing and plant growth-promoting bacteria and their potential in reducing Cd and Pb uptake in water spinach.. <i>Science of the Total Environment</i> , <b>2022</b> , 153242	10.2	3
28	Inhibition of cadmium uptake by wheat with urease-producing bacteria combined with sheep manure under field conditions.. <i>Chemosphere</i> , <b>2022</b> , 293, 133534	8.4	2
27	Synergistic effects of Cd-loving <i>Bacillus</i> sp. N3 and iron oxides on immobilizing Cd and reducing wheat uptake of Cd.. <i>Environmental Pollution</i> , <b>2022</b> , 305, 119303	9.3	0
26	Mechanisms of <i>Enterobacter bugandensis</i> TJ6 immobilization of heavy metals and inhibition of Cd and Pb uptake by wheat based on metabolomics and proteomics. <i>Chemosphere</i> , <b>2021</b> , 276, 130157	8.4	2
25	Polyamine-producing bacterium <i>Bacillus megaterium</i> N3 reduced Cd accumulation in wheat and increased the expression of DNA repair- and plant hormone- related proteins in wheat roots. <i>Environmental and Experimental Botany</i> , <b>2021</b> , 189, 104563	5.9	1
24	Responses of rhizosphere bacterial communities, their functions and their network interactions to Cd stress under phytostabilization by <i>Miscanthus</i> spp. <i>Environmental Pollution</i> , <b>2021</b> , 287, 117663	9.3	6
23	Screening of Heavy Metal-Immobilizing Bacteria and Its Effect on Reducing Cd and Pb Concentrations in Water Spinach ( <i>Forsk.</i> ). <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	2
22	Heavy metal-immobilizing bacteria increase the biomass and reduce the Cd and Pb uptake by pakchoi ( <i>Brassica chinensis</i> L.) in heavy metal-contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 195, 110375	7	26
21	<i>Miscanthus</i> cultivation shapes rhizosphere microbial community structure and function as assessed by Illumina MiSeq sequencing combined with PICRUSt and FUNGuild analyses. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 1157-1171	3	19
20	<i>Rhodobacter xinxiangensis</i> sp. nov., isolated from pakchoi-cultivated soil contaminated with heavy metal and its potential to reduce Cd and Pb accumulation in pakchoi ( <i>Brassica campestris</i> L.). <i>Archives of Microbiology</i> , <b>2020</b> , 202, 1741-1748	3	0
19	Rhizosphere Bacterial Community Structure and Predicted Functional Analysis in the Water-Level Fluctuation Zone of the Danjiangkou Reservoir in China During the Dry Period. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	2
18	Illumina MiSeq sequencing and network analysis the distribution and co-occurrence of bacterioplankton in Danjiangkou Reservoir, China. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 859-873	3	4
17	Heavy metal-immobilizing bacteria combined with calcium polypeptides reduced the uptake of Cd in wheat and shifted the rhizosphere bacterial communities. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115432	9.3	24
16	Structural Characteristics and Driving Factors of the Planktonic Eukaryotic Community in the Danjiangkou Reservoir, China. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 3499	3	4
15	<i>Mucilaginibacter endophyticus</i> sp. nov., an endophytic polysaccharide-producing bacterium isolated from a stem of <i>Miscanthus sinensis</i> . <i>Antonie Van Leeuwenhoek</i> , <b>2019</b> , 112, 1087-1094	2.1	2
14	Effects of Plant Growth-Promoting Bacteria (PGPB) Inoculation on the Growth, Antioxidant Activity, Cu Uptake, and Bacterial Community Structure of Rape ( <i>L.</i> ) Grown in Cu-Contaminated Agricultural Soil. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1455	5.7	51
13	sp. nov., isolated from. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2019</b> , 69, 3344-3349		1

12	Bacillus acidifaciens sp. nov., isolated from farmland soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2019</b> , 69, 1075-1080	2.2	4
11	Paenibacillus zeisoli sp. nov., isolated from maize-cultivated soil artificially contaminated with cadmium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2019</b> , 69, 1149-1154	2.2	2
10	Bioassessment of a Drinking Water Reservoir Using Plankton: High Throughput Sequencing vs. Traditional Morphological Method. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 82	3	13
9	The Ubiquitin E3 Ligase RHA2b Promotes Degradation of MYB30 in Abscisic Acid Signaling. <i>Plant Physiology</i> , <b>2018</b> , 178, 428-440	6.6	23
8	Planktonic fungal community structures and their relationship to water quality in the Danjiangkou Reservoir, China. <i>Scientific Reports</i> , <b>2018</b> , 8, 10596	4.9	12
7	Integrated metagenomics and molecular ecological network analysis of bacterial community composition during the phytoremediation of cadmium-contaminated soils by bioenergy crops. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 145, 111-118	7	52
6	Effects of root inoculation with bacteria on the growth, Cd uptake and bacterial communities associated with rape grown in Cd-contaminated soil. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 244-245, 709-717 <sup>12,8</sup>	12.8	47
5	Promotion of growth and Cu accumulation of bio-energy crop (Zea mays) by bacteria: implications for energy plant biomass production and phytoremediation. <i>Journal of Environmental Management</i> , <b>2012</b> , 103, 58-64	7.9	50
4	Characterization of ACC deaminase-producing endophytic bacteria isolated from copper-tolerant plants and their potential in promoting the growth and copper accumulation of Brassica napus. <i>Chemosphere</i> , <b>2011</b> , 83, 57-62	8.4	143
3	Characterization of lead-resistant and ACC deaminase-producing endophytic bacteria and their potential in promoting lead accumulation of rape. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 186, 1720-5	12.8	111
2	Genetic diversity and characterization of heavy metal-resistant-endophytic bacteria from two copper-tolerant plant species on copper mine wasteland. <i>Bioresource Technology</i> , <b>2010</b> , 101, 501-9	11	207
1	Increased cadmium and lead uptake of a cadmium hyperaccumulator tomato by cadmium-resistant bacteria. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 1343-8	7	114