

Zhaojin Chen é^åè¿

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,414
citations

516710

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330143

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all docs

42
docs citations

42
times ranked

1488
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of cadmium uptake by wheat with urease-producing bacteria combined with sheep manure under field conditions. <i>Chemosphere</i> , 2022, 293, 133534.	8.2	13
2	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> , 2022, 819, 153242.	8.0	30
3	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> , 2022, 305, 119303.	7.5	14
4	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> , 2021, 276, 130157.	8.2	31
5	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> , 2021, 189, 104563.	4.2	7
6	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> , 2021, 287, 117663.	7.5	30
7	Illumina MiSeq sequencing and network analysis the distribution and co-occurrence of bacterioplankton in Danjiangkou Reservoir, China. <i>Archives of Microbiology</i> , 2020, 202, 859-873.	2.2	12
8	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> , 2020, 267, 115432.	7.5	56
9	Structural Characteristics and Driving Factors of the Planktonic Eukaryotic Community in the Danjiangkou Reservoir, China. <i>Water (Switzerland)</i> , 2020, 12, 3499.	2.7	10
10	Screening of Heavy Metal-Immobilizing Bacteria and Its Effect on Reducing Cd ²⁺ and Pb ²⁺ Concentrations in Water Spinach (<i>Ipomoea aquatica</i> Forsk.). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3122.	2.6	9
11	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> , 2020, 195, 110375.	6.0	52
12	<i>Miscanthus</i> cultivation shapes rhizosphere microbial community structure and function as assessed by Illumina MiSeq sequencing combined with PICRUSt and FUNGUld analyses. <i>Archives of Microbiology</i> , 2020, 202, 1157-1171.	2.2	49
13	<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> , 2020, 202, 1741-1748.	2.2	4
14	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> , 2020, 17, 1266.	2.6	8
15	Effects of Plant Growth-Promoting Bacteria (PGPB) Inoculation on the Growth, Antioxidant Activity, Cu Uptake, and Bacterial Community Structure of Rape (<i>Brassica napus</i> L.) Grown in Cu-Contaminated Agricultural Soil. <i>Frontiers in Microbiology</i> , 2019, 10, 1455.	3.5	101
16	<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> , 2019, 112, 1087-1094.	1.7	7
17	<i>Pedobacter miscanthi</i> sp. nov., isolated from <i>Miscanthus sinensis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3344-3349.	1.7	5
18	<i>Bacillus acidifaciens</i> sp. nov., isolated from farmland soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1075-1080.	1.7	8

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19	<i>Paenibacillus zeisoli</i> sp. nov., isolated from maize-cultivated soil artificially contaminated with cadmium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 1149-1154.	1.7	7
20	Bioassessment of a Drinking Water Reservoir Using Plankton: High Throughput Sequencing vs. Traditional Morphological Method. <i>Water (Switzerland)</i> , 2018, 10, 82.	2.7	19
21	The Ubiquitin E3 Ligase RHA2b Promotes Degradation of MYB30 in Absciscic Acid Signaling. <i>Plant Physiology</i> , 2018, 178, 428-440.	4.8	38
22	Planktonic fungal community structures and their relationship to water quality in the Danjiangkou Reservoir, China. <i>Scientific Reports</i> , 2018, 8, 10596.	3.3	22
23	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> , 2017, 145, 111-118.	6.0	65
24	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> , 2013, 244-245, 709-717.	12.4	54
25	Promotion of growth and Cu accumulation of bio-energy crop (<i>Zea mays</i>) by bacteria: Implications for energy plant biomass production and phytoremediation. <i>Journal of Environmental Management</i> , 2012, 103, 58-64.	7.8	62
26	Characterization of ACC deaminase-producing endophytic bacteria isolated from copper-tolerant plants and their potential in promoting the growth and copper accumulation of <i>Brassica napus</i> . <i>Chemosphere</i> , 2011, 83, 57-62.	8.2	184
27	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> , 2011, 186, 1720-1725.	12.4	140
28	Genetic diversity and characterization of heavy metal-resistant-endophytic bacteria from two copper-tolerant plant species on copper mine wasteland. <i>Bioresource Technology</i> , 2010, 101, 501-509.	9.6	238
29	Increased cadmium and lead uptake of a cadmium hyperaccumulator tomato by cadmium-resistant bacteria. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1343-1348.	6.0	122
30	The Seasonal Patterns, Ecological Function and Assembly Processes of Bacterioplankton Communities in the Danjiangkou Reservoir, China. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	2