

Yuxiu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,288
citations

394421

19
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

1659
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioaugmentation of quinoline-degrading bacteria for coking wastewater treatment: performance and microbial community analysis. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2022, 57, 601-619.	1.7	1
2	Performance prediction of ZVI-based anaerobic digestion reactor using machine learning algorithms. <i>Waste Management</i> , 2021, 121, 59-66.	7.4	56
3	Vegetation dynamics of coal mining city in an arid desert region of Northwest China from 2000 to 2019. <i>Journal of Arid Land</i> , 2021, 13, 534-547.	2.3	8
4	Deciphering soil bacterial community structure in subsidence area caused by underground coal mining in arid and semiarid area. <i>Applied Soil Ecology</i> , 2021, 163, 103916.	4.3	20
5	Characteristics of biochars prepared by co-pyrolysis of sewage sludge and cotton stalk intended for use as soil amendments. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1347-1357.	2.2	35
6	New insights of enhanced anaerobic degradation of refractory pollutants in coking wastewater: Role of zero-valent iron in metagenomic functions. <i>Bioresource Technology</i> , 2020, 300, 122667.	9.6	36
7	Rhizosphere Soil Microbial Properties on <i>Tetraena mongolica</i> in the Arid and Semi-Arid Regions, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5142.	2.6	9
8	The Response of Arbuscular Mycorrhizal Fungal Communities to the Soil Environment of Underground Mining Subsidence Area in Northwest China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9157.	2.6	4
9	Land Subsidence in a Coal Mining Area Reduced Soil Fertility and Led to Soil Degradation in Arid and Semi-Arid Regions. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3929.	2.6	66
10	Occurrence and Succession of Bacterial Community in O3/BAC Process of Drinking Water Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3112.	2.6	4
11	A novel phenol and ammonia recovery process for coal gasification wastewater altering the bacterial community and increasing pollutants removal in anaerobic/anoxic/aerobic system. <i>Science of the Total Environment</i> , 2019, 661, 203-211.	8.0	33
12	The enhancement of pyridine degradation by <i>Rhodococcus</i> KDPy1 in coking wastewater. <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	14
13	Metagenomic insights into the microbiota profiles and bioaugmentation mechanism of organics removal in coal gasification wastewater in an anaerobic/anoxic/oxic system by methanol. <i>Bioresource Technology</i> , 2018, 264, 106-115.	9.6	53
14	The response of soil bacterial communities to mining subsidence in the west China aeolian sand area. <i>Applied Soil Ecology</i> , 2017, 121, 1-10.	4.3	61
15	Improvement of oxytetracycline production mediated via cooperation of resistance genes in <i>Streptomyces rimosus</i> . <i>Science China Life Sciences</i> , 2017, 60, 992-999.	4.9	32
16	Isolation and characterization of a novel cadmium-regulated Yellow Stripe-Like transporter (SnYSL3) in <i>Solanum nigrum</i> . <i>Plant Cell Reports</i> , 2017, 36, 281-296.	5.6	74
17	Growth and Cadmium Accumulation of <i>Solanum nigrum</i> L. Seedling were Enhanced by Heavy Metal-Tolerant Strains of <i>Pseudomonas aeruginosa</i> . <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	26
18	Analysis of polycyclic aromatic hydrocarbons (PAHs) and their adsorption characteristics on activated sludge during biological treatment of coking wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 23633-23643.	1.0	6

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19	Quinoline-degrading strain <i>Pseudomonas aeruginosa</i> KDQ4 isolated from coking activated sludge is capable of the simultaneous removal of phenol in a dual substrate system. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 1139-1148.	1.7	14
20	Impacts of addition of natural zeolite or a nitrification inhibitor on antibiotic resistance genes during sludge composting. <i>Water Research</i> , 2016, 91, 339-349.	11.3	255
21	Analysis of a diverse bacterial community and degradation of organic compounds in a bioprocess for coking wastewater treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 19096-19105.	1.0	11
22	Identification of a cluster-situated activator of oxytetracycline biosynthesis and manipulation of its expression for improved oxytetracycline production in <i>Streptomyces rimosus</i> . <i>Microbial Cell Factories</i> , 2015, 14, 46.	4.0	50
23	A copper-responsive gene cluster is required for copper homeostasis and contributes to oxidative resistance in <i>Deinococcus radiodurans</i> R1. <i>Molecular BioSystems</i> , 2014, 10, 2607-2616.	2.9	9
24	Silicon attenuates cadmium toxicity in <i>Solanum nigrum</i> L. by reducing cadmium uptake and oxidative stress. <i>Plant Physiology and Biochemistry</i> , 2013, 68, 1-7.	5.8	108
25	Cloning, characterization, and expression of the BjEXPA1 gene and its promoter region from <i>Brassica juncea</i> L.. <i>Plant Growth Regulation</i> , 2011, 64, 39-51.	3.4	14
26	Silicon-induced alleviation of cadmium toxicity in hyperaccumulator <i>Solanum nigrum</i> L. , 2011, , .		0
27	Antioxidative response of metal-accumulator and non-accumulator plants under cadmium stress. <i>Plant and Soil</i> , 2008, 310, 137-149.	3.7	121
28	Expression and function of two dehydrins under environmental stresses in <i>Brassica juncea</i> L.. <i>Molecular Breeding</i> , 2008, 21, 431-438.	2.1	26
29	Indian Mustard Aquaporin Improves Drought and Heavy-metal Resistance in Tobacco. <i>Molecular Biotechnology</i> , 2008, 40, 280-292.	2.4	61
30	Rapid in vitro multiplication and ex vitro rooting of <i>Malus zumi</i> (Matsumura) Rehd. <i>Acta Physiologiae Plantarum</i> , 2007, 30, 129-132.	2.1	38
31	Cloning and Expression Analysis of SKn-Type Dehydrin Gene From Bean in Response to Heavy Metals. <i>Molecular Biotechnology</i> , 2006, 32, 205-218.	2.4	38
32	PCR-enriched cDNA pool method for cloning of gene homologues. <i>Plant Molecular Biology Reporter</i> , 2005, 23, 219-226.	1.8	4