

Zhi-Wei Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

797
citations

516561

16
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794469

19
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22
all docs

22
docs citations

22
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the role of dark septate endophyte (DSE) colonizing maize (<i>Zea mays</i>) under cadmium stress: physiological, cytological and genic aspects. <i>Scientific Reports</i> , 2016, 6, 22028.	1.6	130
2	Dark septate endophyte (DSE) fungi isolated from metal polluted soils: Their taxonomic position, tolerance, and accumulation of heavy metals In Vitro. <i>Journal of Microbiology</i> , 2008, 46, 624-632.	1.3	91
3	Diverse strategies conferring extreme cadmium (Cd) tolerance in the dark septate endophyte (DSE), <i>Exophiala pisciphila</i> : Evidence from RNA-seq data. <i>Microbiological Research</i> , 2015, 170, 27-35.	2.5	73
4	Characterization of melanin isolated from a dark septate endophyte (DSE), <i>Exophiala pisciphila</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2483-2489.	1.7	61
5	The effects of dark septate endophyte (DSE) inoculation on tomato seedlings under Zn and Cd stress. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35232-35241.	2.7	54
6	Diversity and characterization of Cd-tolerant dark septate endophytes (DSEs) associated with the roots of Nepal alder (<i>Alnus nepalensis</i>) in a metal mine tailing of southwest China. <i>Applied Soil Ecology</i> , 2015, 93, 11-18.	2.1	45
7	Colonization Characteristics and Composition of Dark Septate Endophytes (DSE) in a Lead and Zinc Slag Heap in Southwest China. <i>Soil and Sediment Contamination</i> , 2013, 22, 532-545.	1.1	44
8	Identification of Glutathione S-Transferase (GST) Genes from a Dark Septate Endophytic Fungus (<i>Exophiala pisciphila</i>) and Their Expression Patterns under Varied Metals Stress. <i>PLoS ONE</i> , 2015, 10, e0123418.	1.1	44
9	Effects of a dark septate endophyte (DSE) on growth, cadmium content, and physiology in maize under cadmium stress. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18494-18504.	2.7	42
10	Evidence for a Dark Septate Endophyte (<i>Exophiala Pisciphila</i> , H93) Enhancing Phosphorus Absorption by Maize Seedlings. <i>Plant and Soil</i> , 2020, 452, 249-266.	1.8	35
11	Tolerance and Antioxidant Response of a Dark Septate Endophyte (DSE), <i>Exophiala pisciphila</i> , to Cadmium Stress. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 96-102.	1.3	32
12	Quantifying the sharing of foliar fungal pathogens by the invasive plant <i>Ageratina adenophora</i> and its neighbours. <i>New Phytologist</i> , 2020, 227, 1493-1504.	3.5	26
13	Subcellular distribution and chemical forms of cadmium in a dark septate endophyte (DSE), <i>Exophiala pisciphila</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 17897-17905.	2.7	25
14	Dark septate endophytes colonizing the roots of "non-mycorrhizal" plants in a mine tailing pond and in a relatively undisturbed environment, Southwest China. <i>Journal of Plant Interactions</i> , 2017, 12, 264-271.	1.0	21
15	Differential responses of 23 maize cultivar seedlings to an arbuscular mycorrhizal fungus when grown in a metal-polluted soil. <i>Science of the Total Environment</i> , 2021, 789, 148015.	3.9	20
16	Functional and transcript analysis of a novel metal transporter gene <i>EpNramp</i> from a dark septate endophyte (<i>Exophiala pisciphila</i>). <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 363-368.	2.9	17
17	Dark septate endophyte enhances maize cadmium (Cd) tolerance by the remodeled host cell walls and the altered Cd subcellular distribution. <i>Environmental and Experimental Botany</i> , 2020, 172, 104000.	2.0	17
18	<i>EpABC</i> Genes in the Adaptive Responses of <i>Exophiala pisciphila</i> to Metal Stress: Functional Importance and Relation to Metal Tolerance. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	13

#	ARTICLE	IF	CITATIONS
19	Mutualism between Dark Septate Endophytes (DSEs) and their host plants under metal stress: a case study. <i>International Journal of Transgender Health</i> , 2021, 14, 667-677.	1.1	4
20	Biodiversity of Root Endophytic Fungi from <i>Oxyria sinensis</i> Grown in Metal-Polluted and Unpolluted Soils in Yunnan Province, Southwestern China. <i>Plants</i> , 2021, 10, 2731.	1.6	2