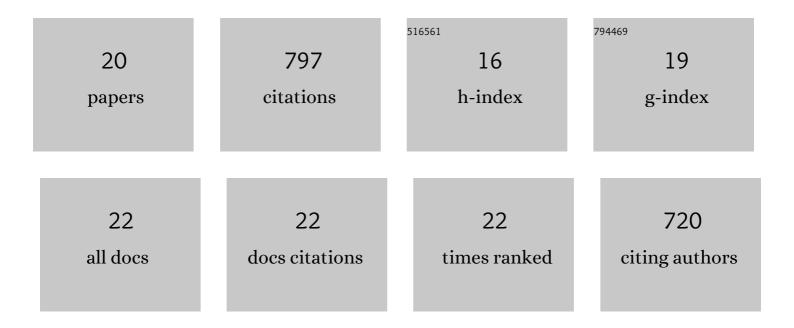
## Zhi-Wei Zhao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Unraveling the role of dark septate endophyte (DSE) colonizing maize (Zea mays) under cadmium stress: physiological, cytological and genic aspects. Scientific Reports, 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. Journal of Microbiology, 2008, 46, 624-632.	1.3	91
3	Diverse strategies conferring extreme cadmium (Cd) tolerance in the dark septate endophyte (DSE), Exophiala pisciphila: Evidence from RNA-seq data. Microbiological Research, 2015, 170, 27-35.	2.5	73
4	Characterization of melanin isolated from a dark septate endophyte (DSE), Exophiala pisciphila. World Journal of Microbiology and Biotechnology, 2011, 27, 2483-2489.	1.7	61
5	The effects of dark septate endophyte (DSE) inoculation on tomato seedlings under Zn and Cd stress. Environmental Science and Pollution Research, 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 (Alnus nepalensis) in a metal mine tailing of southwest China. Applied Soil Ecology, 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. Soil and Sediment Contamination, 2013, 22, 532-545.	1.1	44
8	ldentification of Glutathione S-Transferase (GST) Genes from a Dark Septate Endophytic Fungus (Exophiala pisciphila) and Their Expression Patterns under Varied Metals Stress. PLoS ONE, 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. Environmental Science and Pollution Research, 2017, 24, 18494-18504.	2.7	42
10	Evidence for a Dark Septate Endophyte (Exophiala Pisciphila, H93) Enhancing Phosphorus Absorption by Maize Seedlings. Plant and Soil, 2020, 452, 249-266.	1.8	35
11	Tolerance and Antioxidant Response of a Dark Septate Endophyte (DSE), Exophiala pisciphila, to Cadmium Stress. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 96-102.	1.3	32
12	Quantifying the sharing of foliar fungal pathogens by the invasive plant Ageratina adenophora and its neighbours. New Phytologist, 2020, 227, 1493-1504.	3.5	26
13	Subcellular distribution and chemical forms of cadmium in a dark septate endophyte (DSE), Exophiala pisciphila. Environmental Science and Pollution Research, 2015, 22, 17897-17905.	2.7	25
14	Dark septate endophytes colonizing the roots of â€~non-mycorrhizal' plants in a mine tailing pond and in a relatively undisturbed environment, Southwest China. Journal of Plant Interactions, 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. Science of the Total Environment, 2021, 789, 148015.	3.9	20
16	Functional and transcript analysis of a novel metal transporter gene EpNramp from a dark septate endophyte (Exophiala pisciphila). Ecotoxicology and Environmental Safety, 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. Environmental and Experimental Botany, 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. Applied and Environmental Microbiology, 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. International Journal of Transgender Health, 2021, 14, 667-677.	1.1	4
20	Biodiversity of Root Endophytic Fungi from Oxyria sinensis Grown in Metal-Polluted and Unpolluted Soils in Yunnan Province, Southwestern China. Plants, 2021, 10, 2731.	1.6	2