

# Peng Zeng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5267663/publications.pdf>

Version: 2024-02-01

36  
papers

1,098  
citations

361296

20  
h-index

414303

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of combined soil amendments on Cd accumulation, translocation and food safety in rice: a field study in southern China. <i>Environmental Geochemistry and Health</i> , 2022, 44, 2451-2463.	1.8	5
2	Tolerance capacities of <i>Broussonetia papyrifera</i> to heavy metal(loid)s and its phytoremediation potential of the contaminated soil. <i>International Journal of Phytoremediation</i> , 2022, 24, 580-589.	1.7	9
3	Facilitation of <i>Morus alba</i> L. intercropped with <i>Sedum alfredii</i> H. and <i>Arundo donax</i> L. on soil contaminated with potentially toxic metals. <i>Chemosphere</i> , 2022, 290, 133107.	4.2	13
4	Combined amendment improves soil health and Brown rice quality in paddy soils moderately and highly Co-contaminated with Cd and As. <i>Environmental Pollution</i> , 2022, 295, 118590.	3.7	19
5	Co-application of water management and foliar spraying silicon to reduce cadmium and arsenic uptake in rice: A two-year field experiment. <i>Science of the Total Environment</i> , 2022, 818, 151801.	3.9	14
6	Enhancing Cd(II) adsorption on rice straw biochar by modification of iron and manganese oxides. <i>Environmental Pollution</i> , 2022, 300, 118899.	3.7	74
7	Optimizing pyrolysis temperature of contaminated rice straw biochar: Heavy metal(loid) deportment, properties evolution, and Pb adsorption/immobilization. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101439.	2.4	18
8	Integration of manganese accumulation, subcellular distribution, chemical forms, and physiological responses to understand manganese tolerance in <i>Macleaya cordata</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 39017-39026.	2.7	34
9	Dynamic responses of soil enzymes at key growth stages in rice after the in situ remediation of paddy soil contaminated with cadmium and arsenic. <i>Science of the Total Environment</i> , 2022, 830, 154633.	3.9	15
10	Adsorption Characteristics and Mechanisms of Fe-Mn Oxide Modified Biochar for Pb(II) in Wastewater. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8420.	1.2	6
11	Physiological responses, tolerance efficiency, and phytoextraction potential of <i>Hylotelephium spectabile</i> (Boreau) H. Ohba under Cd stress in hydroponic condition. <i>International Journal of Phytoremediation</i> , 2021, 23, 80-88.	1.7	4
12	Nano-Fe <sub>3</sub> O <sub>4</sub> -modified biochar promotes the formation of iron plaque and cadmium immobilization in rice root. <i>Chemosphere</i> , 2021, 276, 130212.	4.2	32
13	Physiological, anatomical, and transcriptional responses of mulberry ( <i>Morus alba</i> L.) to Cd stress in contaminated soil. <i>Environmental Pollution</i> , 2021, 284, 117387.	3.7	27
14	Co-application of indole-3-acetic acid/gibberellin and oxalic acid for phytoextraction of cadmium and lead with <i>Sedum alfredii</i> Hance from contaminated soil. <i>Chemosphere</i> , 2021, 285, 131420.	4.2	24
15	Physiological responses of <i>Morus alba</i> L. in heavy metal(loid)-contaminated soil and its associated improvement of the microbial diversity. <i>Environmental Science and Pollution Research</i> , 2020, 27, 4294-4308.	2.7	23
16	Physiological stress responses, mineral element uptake and phytoremediation potential of <i>Morus alba</i> L. in cadmium-contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109973.	2.9	54
17	Removal of cadmium, lead, and zinc from multi-metal-contaminated soil using chelate-assisted <i>Sedum alfredii</i> Hance. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28319-28327.	2.7	19
18	Effect of inorganic potassium compounds on the hydrothermal carbonization of Cd-contaminated rice straw for experimental-scale hydrochar. <i>Biomass and Bioenergy</i> , 2019, 130, 105357.	2.9	20

#	ARTICLE	IF	CITATIONS
19	Feasibility of anaerobic digestion on the release of biogas and heavy metals from rice straw pretreated with sodium hydroxide. <i>Environmental Science and Pollution Research</i> , 2019, 26, 19434-19444.	2.7	22
20	Chelator-assisted phytoextraction of arsenic, cadmium and lead by <i>Pteris vittata</i> L. and soil microbial community structure response. <i>International Journal of Phytoremediation</i> , 2019, 21, 1032-1040.	1.7	34
21	Dynamic response of enzymatic activity and microbial community structure in metal(loid)-contaminated soil with tree-herb intercropping. <i>Geoderma</i> , 2019, 345, 5-16.	2.3	45
22	Effect of Liming with Various Water Regimes on Both Immobilization of Cadmium and Improvement of Bacterial Communities in Contaminated Paddy: A Field Experiment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 498.	1.2	15
23	Atmospheric bulk deposition of heavy metal(loid)s in central south China: Fluxes, influencing factors and implication for paddy soils. <i>Journal of Hazardous Materials</i> , 2019, 371, 634-642.	6.5	62
24	Phytoextraction potential of <i>Pteris vittata</i> L. co-planted with woody species for As, Cd, Pb and Zn in contaminated soil. <i>Science of the Total Environment</i> , 2019, 650, 594-603.	3.9	102
25	Effects of tree-herb co-planting on the bacterial community composition and the relationship between specific microorganisms and enzymatic activities in metal(loid)-contaminated soil. <i>Chemosphere</i> , 2019, 220, 237-248.	4.2	61
26	Complementarity of co-planting a hyperaccumulator with three metal(loid)-tolerant species for metal(loid)-contaminated soil remediation. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 306-315.	2.9	33
27	Changes in chemical fractions and ecological risk prediction of heavy metals in estuarine sediments of Chunfeng Lake estuary, China. <i>Marine Pollution Bulletin</i> , 2019, 138, 575-583.	2.3	17
28	Geochemistry and ecological risk of metal(loid)s in overbank sediments near an abandoned lead/zinc mine in Central South China. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	22
29	Phytostabilization potential of ornamental plants grown in soil contaminated with cadmium. <i>International Journal of Phytoremediation</i> , 2018, 20, 311-320.	1.7	76
30	Response to cadmium and phytostabilization potential of <i>Platycladus orientalis</i> in contaminated soil. <i>International Journal of Phytoremediation</i> , 2018, 20, 1337-1345.	1.7	23
31	Stabilization of heavy metals in biochar pyrolyzed from phytoremediated giant reed ( <i>Arundo donax</i> ) biomass. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 656-665.	1.7	25
32	Response of soil microbial activities and microbial community structure to vanadium stress. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 200-206.	2.9	76
33	Phytostabilisation potential of giant reed for metals contaminated soil modified with complex organic fertiliser and fly ash: A field experiment. <i>Science of the Total Environment</i> , 2017, 576, 292-302.	3.9	63
34	The influence of pulse and ultrasonic agitation on TSV filling. , 2017, , .		2
35	Tolerance and accumulation characteristics of <i>Viburnum odoratissimum</i> to cadmium in contaminated soil. <i>Acta Ecologica Sinica</i> , 2017, 37, .	0.0	0
36	Three-dimensional microfabrication of copper column by localized electrochemical deposition. , 2016, , .		9