

Miaomiao Cheng

List of Publications by Year in descending order

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15
papers

724
citations

623734

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977
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#	ARTICLE	IF	CITATIONS
1	Simultaneous extraction of four classes of antibiotics in soil, manure and sewage sludge and analysis by liquid chromatography-tandem mass spectrometry with the isotope-labelled internal standard method. <i>Analytical Methods</i> , 2013, 5, 3721.	2.7	96
2	Total concentrations of heavy metals and occurrence of antibiotics in sewage sludges from cities throughout China. <i>Journal of Soils and Sediments</i> , 2014, 14, 1123-1135.	3.0	91
3	Absorption of foliar-applied Zn in sunflower (<i>Helianthus annuus</i>): importance of the cuticle, stomata and trichomes. <i>Annals of Botany</i> , 2019, 123, 57-68.	2.9	81
4	Absorption of foliar-applied Zn fertilizers by trichomes in soybean and tomato. <i>Journal of Experimental Botany</i> , 2018, 69, 2717-2729.	4.8	80
5	Cadmium accumulation is enhanced by ammonium compared to nitrate in two hyperaccumulators, without affecting speciation. <i>Journal of Experimental Botany</i> , 2016, 67, 5041-5050.	4.8	78
6	Synchrotron-based Techniques Shed Light on Mechanisms of Plant Sensitivity and Tolerance to High Manganese in the Root Environment. <i>Plant Physiology</i> , 2015, 169, pp.00726.2015.	4.8	61
7	Manganese distribution and speciation help to explain the effects of silicate and phosphate on manganese toxicity in four crop species. <i>New Phytologist</i> , 2018, 217, 1146-1160.	7.3	58
8	Ammonium-based fertilizers enhance Cd accumulation in <i>Carpobrotus rossii</i> grown in two soils differing in pH. <i>Chemosphere</i> , 2017, 188, 689-696.	8.2	42
9	Major nutrients, heavy metals and PBDEs in soils after long-term sewage sludge application. <i>Journal of Soils and Sediments</i> , 2012, 12, 531-541.	3.0	38
10	Sodium chloride decreases cadmium accumulation and changes the response of metabolites to cadmium stress in the halophyte <i>Carpobrotus rossii</i> . <i>Annals of Botany</i> , 2018, 122, 373-385.	2.9	25
11	Cadmium reduces zinc uptake but enhances its translocation in the cadmium-accumulator, <i>Carpobrotus rossii</i> , without affecting speciation. <i>Plant and Soil</i> , 2018, 430, 219-231.	3.7	18
12	Time-resolved X-ray fluorescence analysis of element distribution and concentration in living plants: An example using manganese toxicity in cowpea leaves. <i>Environmental and Experimental Botany</i> , 2018, 156, 151-160.	4.2	17
13	Uptake of silver by brown rice and wheat in soils repeatedly amended with biosolids. <i>Science of the Total Environment</i> , 2018, 612, 94-102.	8.0	16
14	Salinity decreases Cd translocation by altering Cd speciation in the halophytic Cd-accumulator <i>Carpobrotus rossii</i> . <i>Annals of Botany</i> , 2019, 123, 121-132.	2.9	15
15	Evaluating effects of iron on manganese toxicity in soybean and sunflower using synchrotron-based X-ray fluorescence microscopy and X-ray absorption spectroscopy. <i>Metallomics</i> , 2019, 11, 2097-2110.	2.4	8