

Cheng Wang

List of Publications by Year in descending order

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23
papers

862
citations

623734

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25
all docs

25
docs citations

25
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of heavy metal transfer and their influencing factors in different soil-crop systems of the industrialization region, China. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 193-201.	6.0	159
2	Sediment properties and heavy metal pollution assessment in the river, estuary and lake environments of a fluvial plain, China. <i>Catena</i> , 2014, 119, 52-60.	5.0	92
3	Aqueous Hg(II) immobilization by chitosan stabilized magnetic iron sulfide nanoparticles. <i>Science of the Total Environment</i> , 2018, 621, 1074-1083.	8.0	75
4	Temporal-spatial variation and source apportionment of soil heavy metals in the representative river-alluviation depositional system. <i>Environmental Pollution</i> , 2016, 216, 18-26.	7.5	71
5	An invisible soil acidification: Critical role of soil carbonate and its impact on heavy metal bioavailability. <i>Scientific Reports</i> , 2015, 5, 12735.	3.3	66
6	Historical records and sources of polycyclic aromatic hydrocarbons (PAHs) and organochlorine pesticides (OCPs) in sediment from a representative plateau lake, China. <i>Chemosphere</i> , 2017, 173, 78-88.	8.2	63
7	Accumulation and translocation of heavy metals in the canola (<i>Brassica napus</i> L.)-soil system in Yangtze River Delta, China. <i>Plant and Soil</i> , 2012, 353, 33-45.	3.7	50
8	Effects of Soil Properties on the Transfer of Cadmium from Soil to Wheat in the Yangtze River Delta Region, China—a Typical Industry-Agriculture Transition Area. <i>Biological Trace Element Research</i> , 2012, 148, 264-274.	3.5	49
9	The influences of soil properties on Cu and Zn availability in soil and their transfer to wheat (<i>Triticum aestivum</i> L.) in the Yangtze River delta region, China. <i>Geoderma</i> , 2013, 193-194, 131-139.	5.1	42
10	The transfer of fluorine in the soil-wheat system and the principal source of fluorine in wheat under actual field conditions. <i>Field Crops Research</i> , 2012, 137, 163-169.	5.1	27
11	Characterizing Se transfer in the soil-crop systems under field condition. <i>Plant and Soil</i> , 2017, 415, 535-548.	3.7	24
12	Estimating the contribution of atmosphere on heavy metals accumulation in the aboveground wheat tissues induced by anthropogenic forcing. <i>Environmental Research</i> , 2020, 189, 109955.	7.5	24
13	Ecological risk assessment on heavy metals in soils: Use of soil diffuse reflectance mid-infrared Fourier-transform spectroscopy. <i>Scientific Reports</i> , 2017, 7, 40709.	3.3	22
14	Characteristics of lead geochemistry and the mobility of Pb isotopes in the system of pedogenic rock-pedosphere-irrigated riverwater-cereal-atmosphere from the Yangtze River delta region, China. <i>Chemosphere</i> , 2013, 93, 1927-1935.	8.2	21
15	Photocatalytic Hydrogen Production by Stable CsPbBr ₃ @PANI Nanoparticles in Aqueous Solution. <i>ChemCatChem</i> , 2021, 13, 1711-1716.	3.7	15
16	The contamination and transfer of potentially toxic elements and their relations with iron, vanadium and titanium in the soil-rice system from Suzhou region, China. <i>Environmental Earth Sciences</i> , 2013, 68, 13-21.	2.7	12
17	The vertical migration and speciation of the Pb in the paddy soil: A case study of the Yangtze River Delta, China. <i>Environmental Research</i> , 2019, 179, 108741.	7.5	12
18	Characteristics of Fengyun-4A Satellite Atmospheric Motion Vectors and Their Impacts on Data Assimilation. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 1222-1238.	4.3	11

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19	Atmospheric contribution to boron enrichment in aboveground wheat tissues. <i>Chemosphere</i> , 2017, 174, 655-663.	8.2	9
20	Impact of Combined Assimilation of Wind Profiler and Doppler Radar Data on a Convective-Scale Cycling Forecasting System. <i>Monthly Weather Review</i> , 2022, 150, 431-450.	1.4	8
21	Use of portable X-ray fluorescence spectroscopy and geostatistics for health risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2018, 153, 68-77.	6.0	7
22	Intensive Care Unit False Alarm Identification Based on Convolution Neural Network. <i>IEEE Access</i> , 2021, 9, 81841-81854.	4.2	2
23	The sub-cellular distribution of Zn and trace elements in the wheat grain: in situ imaging using a NanoSIMS. <i>Cereal Research Communications</i> , 2022, 50, 1127-1135.	1.6	1