

Wen Fang

List of Publications by Year in descending order

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16
papers

632
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686830

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734
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel In Situ Method for Simultaneously and Selectively Measuring As ^{III} , Sb ^{III} , and Se ^{IV} in Freshwater and Soils. <i>Analytical Chemistry</i> , 2022, 94, 4576-4583.	3.2	9
2	Rice Rhizospheric Effects on the Bioavailability of Toxic Trace Elements during Land Application of Biochar. <i>Environmental Science & Technology</i> , 2021, 55, 7344-7354.	4.6	22
3	Combining Multiple High-Resolution <i>In Situ</i> Techniques to Understand Phosphorous Availability Around Rice Roots. <i>Environmental Science & Technology</i> , 2021, 55, 13082-13092.	4.6	7
4	<i>In Situ</i> Selective Measurement Based on Diffusive Gradients in Thin Films Technique with Mercapto-Functionalized Mesoporous Silica for High-Resolution Imaging of Sb ^{III} in Soil. <i>Analytical Chemistry</i> , 2020, 92, 3581-3588.	3.2	8
5	Leaching behavior and potential ecological risk of heavy metals in Southwestern China soils applied with sewage sludge compost under acid precipitation based on lysimeter trials. <i>Chemosphere</i> , 2020, 249, 126212.	4.2	22
6	Localized Intensification of Arsenic Release within the Emergent Rice Rhizosphere. <i>Environmental Science & Technology</i> , 2020, 54, 3138-3147.	4.6	34
7	Comparison of long-term stability under natural ageing between cement solidified and chelator-stabilised MSWI fly ash. <i>Environmental Pollution</i> , 2019, 250, 68-78.	3.7	56
8	Leaching characteristic of toxic trace elements in soils amended by sewage sludge compost: A comparison of field and laboratory investigations. <i>Environmental Pollution</i> , 2018, 237, 244-252.	3.7	27
9	Enhancing syntrophic associations among <i>Clostridium butyricum</i> , <i>Syntrophomonas</i> and two types of methanogen by zero valent iron in an anaerobic assay with a high organic loading. <i>Bioresource Technology</i> , 2018, 257, 181-191.	4.8	48
10	Effect of FeO addition on volatile fatty acids evolution on anaerobic digestion at high organic loading rates. <i>Waste Management</i> , 2018, 71, 719-727.	3.7	72
11	In Situ Selective Measurement of Se ^{IV} in Waters and Soils: Diffusive Gradients in Thin-Films with Bi-Functionalized Silica Nanoparticles. <i>Environmental Science & Technology</i> , 2018, 52, 14140-14148.	4.6	18
12	Field-Scale Heterogeneity and Geochemical Regulation of Arsenic, Iron, Lead, and Sulfur Bioavailability in Paddy Soil. <i>Environmental Science & Technology</i> , 2018, 52, 12098-12107.	4.6	22
13	Characterization of naturally aged cement-solidified MSWI fly ash. <i>Waste Management</i> , 2018, 80, 101-111.	3.7	62
14	Release of heavy metals during long-term land application of sewage sludge compost: Percolation leaching tests with repeated additions of compost. <i>Chemosphere</i> , 2017, 169, 271-280.	4.2	81
15	Effects of aerobic and anaerobic biological processes on leaching of heavy metals from soil amended with sewage sludge compost. <i>Waste Management</i> , 2016, 58, 324-334.	3.7	25
16	Comparative characterization of sewage sludge compost and soil: Heavy metal leaching characteristics. <i>Journal of Hazardous Materials</i> , 2016, 310, 1-10.	6.5	118