Wen Fang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9575170/publications.pdf

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16	632	686830 13	887659 17
papers	citations	h-index	g-index

17	17	17	734
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative characterization of sewage sludge compost and soil: Heavy metal leaching characteristics. Journal of Hazardous Materials, 2016, 310, 1-10.	6.5	118
2	Release of heavy metals during long-term land application of sewage sludge compost: Percolation leaching tests with repeated additions of compost. Chemosphere, 2017, 169, 271-280.	4.2	81
3	Effect of Fe0 addition on volatile fatty acids evolution on anaerobic digestion at high organic loading rates. Waste Management, 2018, 71, 719-727.	3.7	72
4	Characterization of naturally aged cement-solidified MSWI fly ash. Waste Management, 2018, 80, 101-111.	3.7	62
5	Comparison of long-term stability under natural ageing between cement solidified and chelator-stabilised MSWI fly ash. Environmental Pollution, 2019, 250, 68-78.	3.7	56
6	Enhancing syntrophic associations among Clostridium butyricum, Syntrophomonas and two types of methanogen by zero valent iron in an anaerobic assay with a high organic loading. Bioresource Technology, 2018, 257, 181-191.	4.8	48
7	Localized Intensification of Arsenic Release within the Emergent Rice Rhizosphere. Environmental Science & Technology, 2020, 54, 3138-3147.	4.6	34
8	Leaching characteristic of toxic trace elements in soils amended by sewage sludge compost: A comparison of field and laboratory investigations. Environmental Pollution, 2018, 237, 244-252.	3.7	27
9	Effects of aerobic and anaerobic biological processes on leaching of heavy metals from soil amended with sewage sludge compost. Waste Management, 2016, 58, 324-334.	3.7	25
10	Field-Scale Heterogeneity and Geochemical Regulation of Arsenic, Iron, Lead, and Sulfur Bioavailability in Paddy Soil. Environmental Science & Technology, 2018, 52, 12098-12107.	4.6	22
11	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. Chemosphere, 2020, 249, 126212.	4.2	22
12	Rice Rhizospheric Effects on the Bioavailability of Toxic Trace Elements during Land Application of Biochar. Environmental Science & Technology, 2021, 55, 7344-7354.	4.6	22
13	In Situ Selective Measurement of Se^{IV} in Waters and Soils: Diffusive Gradients in Thin-Films with Bi-Functionalized Silica Nanoparticles. Environmental Science & Technology, 2018, 52, 14140-14148.	4.6	18
14	A Novel In Situ Method for Simultaneously and Selectively Measuring As^{III}, Sb^{III}, and Se^{IV} in Freshwater and Soils. Analytical Chemistry, 2022, 94, 4576-4583.	3.2	9
15	<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. Analytical Chemistry, 2020, 92, 3581-3588.	3.2	8
16	Combining Multiple High-Resolution <i>In Situ</i> Techniques to Understand Phosphorous Availability Around Rice Roots. Environmental Science & Technology, 2021, 55, 13082-13092.	4.6	7