

Liang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5053944/publications.pdf>

Version: 2024-02-01

23
papers

419
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	Voltammetric Determination of Lead (II) and Cadmium (II) Using a Bismuth Film Electrode Modified with Mesoporous Silica Nanoparticles. <i>Electrochimica Acta</i> , 2014, 132, 223-229.	5.2	74
2	Anodic stripping voltammetric determination of traces of Pb(II) and Cd(II) using a glassy carbon electrode modified with bismuth nanoparticles. <i>Mikrochimica Acta</i> , 2014, 181, 1199-1206.	5.0	57
3	Investigation of Copper(II) Interference on the Anodic Stripping Voltammetry of Lead(II) and Cadmium(II) at Bismuth Film Electrode. <i>Electroanalysis</i> , 2013, 25, 2637-2644.	2.9	39
4	Interactive effects of PAHs and heavy metal mixtures on oxidative stress in <i>Chlorella</i> sp. MM3 as determined by artificial neural network and genetic algorithm. <i>Algal Research</i> , 2017, 21, 203-212.	4.6	31
5	Predicting plant uptake of cadmium: validated with long-term contaminated soils. <i>Ecotoxicology</i> , 2016, 25, 1563-1574.	2.4	23
6	Zinc-arsenic interactions in soil: Solubility, toxicity and uptake. <i>Chemosphere</i> , 2017, 187, 357-367.	8.2	22
7	Simultaneously determining multi-metal ions using an ion selective electrode array system. <i>Environmental Technology and Innovation</i> , 2016, 6, 165-176.	6.1	17
8	Copper interactions on arsenic bioavailability and phytotoxicity in soil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 738-746.	6.0	16
9	Pore-Water Carbonate and Phosphate As Predictors of Arsenate Toxicity in Soil. <i>Environmental Science & Technology</i> , 2016, 50, 13062-13069.	10.0	15
10	The application of rapid handheld FTIR petroleum hydrocarbon-contaminant measurement with transport models for site assessment: A case study. <i>Geoderma</i> , 2020, 361, 114017.	5.1	15
11	Determination of Trace Lead and Cadmium in Water Samples by Anodic Stripping Voltammetry with a Nafion [®] -Ionic Liquid [®] -Coated Bismuth Film Electrode. <i>Electroanalysis</i> , 2014, 26, 639-647.	2.9	14
12	Application of neural networks with novel independent component analysis methodologies to a Prussian blue modified glassy carbon electrode array. <i>Talanta</i> , 2015, 131, 395-403.	5.5	13
13	Novel methodologies for automatically and simultaneously determining BTEX components using FTIR spectra. <i>Talanta</i> , 2015, 144, 1104-1110.	5.5	12
14	Predicting copper phytotoxicity based on pore-water pCu. <i>Ecotoxicology</i> , 2016, 25, 481-490.	2.4	11
15	Application of mathematical models and genetic algorithm to simulate the response characteristics of an ion selective electrode array for system recalibration. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 144, 24-30.	3.5	9
16	Application of Ion Selective Electrode array to simultaneously determinate multi-free ions in solution. <i>Environmental Technology and Innovation</i> , 2019, 15, 100424.	6.1	9
17	Application of portable gas chromatography [®] -mass spectrometer for rapid field based determination of TCE in soil vapour and groundwater. <i>Environmental Technology and Innovation</i> , 2021, 21, 101274.	6.1	9
18	The Key Factors for the Fate and Transport of Petroleum Hydrocarbons in Soil With Related in/ex Situ Measurement Methods: An Overview. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	9

#	ARTICLE	IF	CITATIONS
19	Application of neural networks with novel independent component analysis methodologies for the simultaneous determination of cadmium, copper, and lead using an ISE array. <i>Journal of Chemometrics</i> , 2014, 28, 491-498.	1.3	8
20	Application of infrared spectrum for rapid classification of dominant petroleum hydrocarbon fractions for contaminated site assessment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 207, 183-188.	3.9	7
21	Rapid In-Field Approaches for Delineating VOC in Both Soil Vapour and Groundwater for Vapour Intrusion Assessment. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	4
22	Novel recalibration methodologies for ion-selective electrode arrays in the multi-ion interference scenario. <i>Journal of Chemometrics</i> , 2017, 31, e2870.	1.3	3
23	Are root elongation assays suitable for establishing metallic anion ecotoxicity thresholds?. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100024.	3.6	2