

Liqiang Luo

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

389
citations

1040056

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h-index

794594

19
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26
all docs

26
docs citations

26
times ranked

446
citing authors

#	ARTICLE	IF	CITATIONS
1	A proposal of "core enzyme" bioindicator in long-term Pb-Zn ore pollution areas based on topsoil property analysis. <i>Environmental Pollution</i> , 2016, 213, 760-769.	7.5	102
2	In vivo investigation of a new ^{109}Cd β -ray induced K-XRF bone lead measurement system. <i>Physics in Medicine and Biology</i> , 2006, 51, 351-360.	3.0	49
3	Chemometrics and its applications to x-ray spectrometry. <i>X-Ray Spectrometry</i> , 2006, 35, 215-225.	1.4	28
4	Subcellular Distribution and Chemical Forms of Pb in Corn: Strategies Underlying Tolerance in Pb Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6675-6682.	5.2	27
5	Dosimetry study for a new in vivo X-ray fluorescence (XRF) bone lead measurement system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 263, 225-230.	1.4	23
6	Distribution, origin, and transformation of metal and metalloid pollution in vegetable fields, irrigation water, and aerosols near a Pb-Zn mine. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8242-8260.	5.3	20
7	Uptake and transport of Pb across the iron plaque of waterlogged dropwort (<i>Oenanthe javanica</i> DC.) based on micro-XRF and XANES. <i>Plant and Soil</i> , 2019, 441, 191-205.	3.7	17
8	Effect of combined arsenic and lead exposure on their uptake and translocation in Indian mustard. <i>Environmental Pollution</i> , 2021, 274, 116549.	7.5	17
9	Investigation of Pb species in soils, celery and duckweed by synchrotron radiation X-ray absorption near-edge structure spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 122, 40-45.	2.9	12
10	Phytoavailability, bioaccumulation, and human health risks of metal(loid) elements in an agroecosystem near a lead-zinc mine. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24111-24124.	5.3	11
11	Choice of Optimum Model Parameters in Artificial Neural Networks and Application to X-ray Fluorescence Analysis. <i>X-Ray Spectrometry</i> , 1997, 26, 15-22.	1.4	10
12	Real-time drilling mud gas monitoring records seismic damage zone from the 2008 Mw7.9 Wenchuan earthquake. <i>Tectonophysics</i> , 2015, 639, 109-117.	2.2	9
13	Detection of the deep biosphere in metamorphic rocks from the Chinese continental scientific drilling. <i>Geobiology</i> , 2021, 19, 278-291.	2.4	9
14	Focusing on one component each time" comparison of single and multiple component prediction algorithms in artificial neural networks for x-ray fluorescence analysis. <i>X-Ray Spectrometry</i> , 1998, 27, 17-22.	1.4	8
15	The effect of filters and collimators on Compton scatter and Pb K-series peaks in XRF bone lead analysis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 263, 258-261.	1.4	8
16	Real time fluid analysis during drilling of the Wenchuan Earthquake Fault Scientific Drilling Project and its responding features. <i>Tectonophysics</i> , 2014, 619-620, 70-78.	2.2	8
17	Determination of Pb, As, Cd and trace elements in polluted soils near a lead-zinc mine using polarized X-ray fluorescence spectrometry and the characteristics of the elemental distribution in the area. <i>X-Ray Spectrometry</i> , 2012, 41, 133-143.	1.4	7
18	Fluid Geoanalysis in the Chinese Continental Scientific Drilling Project. <i>Geostandards and Geoanalytical Research</i> , 2004, 28, 325-331.	1.9	6

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19	A Study on Distribution and Chemical Speciation of Lead in Corn Seed Germination by Synchrotron Radiation X-ray Fluorescence and Absorption Near Edge Structure Spectrometry. Chinese Journal of Analytical Chemistry, 2014, 42, 1447-1452.	1.7	6
20	An algorithm combining neural networks with fundamental parameters. X-Ray Spectrometry, 2002, 31, 332-338.	1.4	3
21	Spatial XRF distribution characteristics associated with polarized EDXRF spectrometry. X-Ray Spectrometry, 2007, 36, 275-278.	1.4	3
22	Elemental distribution and Pb speciation in vegetable and cereal seeds during germination by micro X-ray fluorescence and X-ray absorption near-edge structure. X-Ray Spectrometry, 2019, 48, 401.	1.4	3
23	Evaluating the effect of EDTA on the internal mechanisms of uptake and translocation of Pb in Bidens pilosa L. Plant and Soil, 2022, 479, 649-662.	3.7	3
24	Matrix correction with Compton to Rayleigh ratio in a plant-soil-rock interface analysis using a laboratory micro-XRF. X-Ray Spectrometry, 2019, 48, 536-542.	1.4	0
25	Bacillus cereus, a geobiological marker for gold prospecting isolated from soil from the Jiaodong Gold Mine. Journal of Geochemical Exploration, 2020, 215, 106563.	3.2	0