Liqiang Luo

List of Publications by Year
in descending order

25 papers	389 citations	9 h-index	19 g-index
26 all docs	26 docs citations	26 times ranked	446 citing authors

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794594

#	Article	IF	Citations
1	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
2	Detection of the deep biosphere in metamorphic rocks from the Chinese continental scientific drilling. Geobiology, 2021, 19, 278-291.	2.4	9
3	Effect of combined arsenic and lead exposure on their uptake and translocation in Indian mustard. Environmental Pollution, 2021, 274, 116549.	7.5	17
4	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
5	Matrix correction with Compton to Rayleigh ratio in a plantâ€"soilâ€"rock interface analysis using a laboratory microâ€XRF. X-Ray Spectrometry, 2019, 48, 536-542.	1.4	0
6	Uptake and transport of Pb across the iron plaque of waterlogged dropwort (Oenanthe javanica DC.) based on micro-XRF and XANES. Plant and Soil, 2019, 441, 191-205.	3.7	17
7	Elemental distribution and Pb speciation in vegetable and cereal seeds during germination by micro Xâ€ray fluorescence and Xâ€ray absorption nearâ€edge structure. X-Ray Spectrometry, 2019, 48, 401.	1.4	3
8	Subcellular Distribution and Chemical Forms of Pb in Corn: Strategies Underlying Tolerance in Pb Stress. Journal of Agricultural and Food Chemistry, 2018, 66, 6675-6682.	5.2	27
9	Phytoavailability, bioaccumulation, and human health risks of metal(loid) elements in an agroecosystem near a lead-zinc mine. Environmental Science and Pollution Research, 2018, 25, 24111-24124.	5.3	11
10	A proposal of â€œcore enzymeâ€•bioindicator in long-term Pb-Zn ore pollution areas based on topsoil property analysis. Environmental Pollution, 2016, 213, 760-769.	7.5	102
11	Investigation of Pb species in soils, celery and duckweed by synchrotron radiation X-ray absorption near-edge structure spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 122, 40-45.	2.9	12
12	Real-time drilling mud gas monitoring records seismic damage zone from the 2008 Mw7.9 Wenchuan earthquake. Tectonophysics, 2015, 639, 109-117.	2.2	9
13	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
14	Distribution, origin, and transformation of metal and metalloid pollution in vegetable fields, irrigation water, and aerosols near a Pb-Zn mine. Environmental Science and Pollution Research, 2014, 21, 8242-8260.	5.3	20
15	Real time fluid analysis during drilling of the Wenchuan Earthquake Fault Scientific Drilling Project and its responding features. Tectonophysics, 2014, 619-620, 70-78.	2.2	8
16	Determination of Pb, As, Cd and trace elements in polluted soils near a leadâ€"zinc mine using polarized Xâ€ray fluorescence spectrometry and the characteristics of the elemental distribution in the area. X-Ray Spectrometry, 2012, 41, 133-143.	1.4	7
17	Dosimetry study for a new in vivo X-ray fluorescence (XRF) bone lead measurement system. Nuclear Instruments & Methods in Physics Research B, 2007, 263, 225-230.	1.4	23
18	Spatial XRF distribution characteristics associated with polarized EDXRF spectrometry. X-Ray Spectrometry, 2007, 36, 275-278.	1.4	3

#	Article	IF	Citations
19	The effect of filters and collimators on Compton scatter and Pb K-series peaks in XRF bone lead analysis. Nuclear Instruments & Methods in Physics Research B, 2007, 263, 258-261.	1.4	8
20	Chemometrics and its applications to x-ray spectrometry. X-Ray Spectrometry, 2006, 35, 215-225.	1.4	28
21	In vivoinvestigation of a new109Cd Î³-ray induced K-XRF bone lead measurement system. Physics in Medicine and Biology, 2006, 51, 351-360.	3.0	49
22	Fluid Geoanalysis in the Chinese Continental Scientific Drilling Project. Geostandards and Geoanalytical Research, 2004, 28, 325-331.	1.9	6
23	An algorithm combining neural networks with fundamental parameters. X-Ray Spectrometry, 2002, 31, 332-338.	1.4	3
24	Focusing on one component each timeâ€"comparison of single and multiple component prediction algorithms in artificial neural networks for x-ray fluorescence analysis. X-Ray Spectrometry, 1998, 27, 17-22.	1.4	8
25	Choice of Optimum Model Parameters in Artificial Neural Networks and Application to X-ray Fluorescence Analysis. X-Ray Spectrometry, 1997, 26, 15-22.	1.4	10