

Akiko Hokura

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5785447/publications.pdf>

Version: 2024-02-01

29
papers

512
citations

840776

11
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray Fluorescence Spectrometry. Analytical Sciences, 2021, 37, 1-2.	1.6	2
2	Synchrotron micro-X-ray fluorescence imaging of arsenic in frozen-hydrated sections of a root of <i>Pteris vittata</i> . Metallomics, 2021, 13, .	2.4	9
3	Elucidation of crude siderophore extracts from supernatants of <i>Pseudomonas</i> sp. ZnCd2003 cultivated in nutrient broth supplemented with Zn, Cd, and Zn plus Cd. Archives of Microbiology, 2021, 203, 2863-2874.	2.2	5
4	Determination of Trace Elements in Polished Asian Rice Using XRF spectrometer Equipped with Polarization Optics and Its Application to Identification of Their Production Area. Bunseki Kagaku, 2021, 70, 583-592.	0.2	1
5	Visible cellular distribution of cadmium and zinc in the hyperaccumulator <i>Arabidopsis halleri</i> ssp. <i>gemmifera</i> determined by 2-D X-ray fluorescence imaging using high-energy synchrotron radiation. Metallomics, 2020, 12, 193-203.	2.4	16
6	Elucidation of tellurium biogenic nanoparticles in garlic, <i>Allium sativum</i> , by inductively coupled plasma-mass spectrometry. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126628.	3.0	6
7	Identification of Amorphous CaCO ₃ in Aqueous Solution Using XANES Analysis. Chemistry Letters, 2020, 49, 982-985.	1.3	1
8	Distributions of cadmium, zinc, and polyphenols in <i>Gamblea innovans</i> . International Journal of Phytoremediation, 2019, 21, 217-223.	3.1	4
9	Sensitive Determination of Rb by Cool Plasma ICP-OES. Bunseki Kagaku, 2018, 67, 19-25.	0.2	1
10	Quantitative Analysis of Major and Minor Elements in Lead-free Solder Chip by LA-ICP-MS. Analytical Sciences, 2018, 34, 693-699.	1.6	3
11	Cold Plasma: Effective Control of Argon Emission Line Interferences on the Measurement of Rubidium by Axial-view ICP-OES. Chemistry Letters, 2017, 46, 1751-1753.	1.3	1
12	Characterization of Dietary Salts Using an XRF Spectrometer with a Polarization System. Bunseki Kagaku, 2017, 66, 653-662.	0.2	0
13	Effects of Cadmium Treatment on the Uptake and Translocation of Sulfate in <i>Arabidopsis thaliana</i> . Plant and Cell Physiology, 2016, 57, 2353-2366.	3.1	47
14	Study on Chromium Accumulation Mechanism of Chinese Break Fern (<i>Pteris Vittata</i> L.) by Synchrotron Radiation X-ray Fluorescence Analysis. Bunseki Kagaku, 2015, 64, 801-810.	0.2	2
15	Radiocesium accumulation in <i>Egeria densa</i> , a submerged plant – possible mechanism of cesium absorption. Journal of Analytical Atomic Spectrometry, 2014, 29, 868.	3.0	12
16	Determination of Trace Elements in Coffee Beans by XRF Spectrometer Equipped with Polarization Optics and Its Application to Identification of Their Production Area. Bunseki Kagaku, 2010, 59, 863-871.	0.2	12
17	In vivo analysis of metal distribution and expression of metal transporters in rice seed during germination process by microarray and X-ray Fluorescence Imaging of Fe, Zn, Mn, and Cu. Plant and Soil, 2009, 325, 39-51.	3.7	103
18	Determination of Trace Elements in Wheat Flour by X-Ray Fluorescence Analysis and Its Application to Identification of Their Production Area. Bunseki Kagaku, 2009, 58, 1011-1022.	0.2	11

#	ARTICLE	IF	CITATIONS
19	Chemical Analysis of the Glass Vessel in Toshodaiji Temple Designated a National Treasure Through a Portable X-Ray Fluorescence Spectrometer “Where Did the Glass Vessel Come From?”. , 2009, , 231-241.		1
20	Micro X-ray fluorescence imaging and micro X-ray absorption spectroscopy of cadmium hyper-accumulating plant, <i>Arabidopsis halleri</i> ssp. <i>gemmifera</i> , using high-energy synchrotron radiation. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1068.	3.0	93
21	Observation of Arsenic Transfer in Leaf Tissue of Hyperaccumulator Fern by Utilizing Synchrotron Radiation Micro-XRF Imaging. <i>Chemistry Letters</i> , 2008, 37, 32-33.	1.3	19
22	Analysis of Trace Element Compositions in Adhesive Cloth Tapes Using High-Energy X-Ray Fluorescence Spectrometer with Three-Dimensional Polarization Optics for Forensic Discrimination. <i>Bunseki Kagaku</i> , 2008, 57, 699-706.	0.2	6
23	A Peculiar Yellow Flower Coloration of <i>Camellia</i> Using Aluminum-flavonoid Interaction. <i>Japanese Society for Horticultural Science</i> , 2008, 77, 402-407.	0.8	24
24	High-Sensitive Determination of Inorganic Elements in Spinach Leaves by X-Ray Fluorescence Analysis and Its Application to Identification of Their Production Area. <i>Bunseki Kagaku</i> , 2007, 56, 1053-1061.	0.2	15
25	Arsenic distribution and speciation in an arsenic hyperaccumulator fern by X-ray spectrometry utilizing a synchrotron radiation source. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 321.	3.0	65
26	Lead Isotope Ratio Analysis of Bullet Samples by Using Quadrupole ICP-MS. <i>Bunseki Kagaku</i> , 2006, 55, 827-834.	0.2	8
27	2-D X-ray Fluorescence Imaging of Cadmium Hyperaccumulating Plants by Using High-energy Synchrotron Radiation X-ray Microbeam. <i>Chemistry Letters</i> , 2006, 35, 1246-1247.	1.3	28
28	Distribution and Oxidation State of Arsenic in Root of Arsenic-Hyperaccumulator Fern, <i>Pteris vittata</i> L., by Using Synchrotron Radiation X-Ray Fluorescence Analysis. <i>Bunseki Kagaku</i> , 2006, 55, 743-748.	0.2	9
29	Primary Study on Capturing Behavior for Transition Metal Ions on Mesoporous Silicate (MCM-41). <i>Journal of Ion Exchange</i> , 2003, 14, 173-176.	0.3	8