

Akihide Itoh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5725095/publications.pdf>

Version: 2024-02-01

52
papers

923
citations

471509

17
h-index

477307

29
g-index

52
all docs

52
docs citations

52
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct determination of rare earth elements in natural water samples by inductively coupled plasma tandem quadrupole mass spectrometry with oxygen as the reaction gas for separating spectral interferences. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 179, 106100.	2.9	14
2	Pseudo isotope dilution (PID) as an approach for correcting barium-related spectral interferences on the measurement of europium by inductively coupled plasma mass spectrometry (ICP-MS). <i>Analytica Chimica Acta</i> , 2021, 1180, 338854.	5.4	5
3	Potential Anthropogenic Pollution of High-technology Metals with a Focus on Rare Earth Elements in Environmental Water. <i>Analytical Sciences</i> , 2021, 37, 131-143.	1.6	7
4	Elemental characteristics and biogeochemical cycles of trace metals in coastal seawater around coral reefs elucidated by multi-element profiling analyses. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 240, 106779.	2.1	3
5	Simultaneous Determination of Cr, As, Se, and Other Trace Metal Elements in Seawater by ICP-MS with Hybrid Simultaneous Preconcentration Combining Iron Hydroxide Coprecipitation and Solid Phase Extraction Using Chelating Resin. <i>International Journal of Analytical Chemistry</i> , 2018, 2018, 1-8.	1.0	3
6	Preparation of standard materials of aerosol particles for X-ray fluorescence analysis using a small chamber sampling unit. <i>X-Ray Spectrometry</i> , 2018, 47, 450-458.	1.4	4
7	Long-term Monitoring of Metal Elements in Total Suspended Particle Aerosols Simultaneously Collected at Three Islands in Okinawa, Japan. <i>Asian Journal of Atmospheric Environment</i> , 2018, 12, 326-337.	1.1	4
8	Multi-Element Profiling Analyses of Symbiotic Zooxanthellae and Soft Tissues in a Giant Clam (<i>Tridacna crocea</i>) Living in the Coral Reefs and Their Intake Process of Zn and Cd. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 520-526.	3.2	3
9	Potential Anthropogenic Pollution by Eu as well as Gd Observed in River Water around Urban Area. <i>Chemistry Letters</i> , 2017, 46, 1327-1329.	1.3	9
10	New Adsorbent for Removal of Inorganic Arsenic(III) from Groundwater. <i>Chemistry Letters</i> , 2017, 46, 58-60.	1.3	3
11	Direct Determination of Cadmium in Seawater by Standard Addition ICP-QMS/QMS with an ORC. <i>Analytical Sciences</i> , 2016, 32, 1301-1305.	1.6	5
12	Relative Enrichment of Mo in the Radicle of Peanut Seed (<i>Arachis hypogaea</i>), Observed by Multi-elemental Imaging with LA-ICP-MS. <i>Analytical Sciences</i> , 2012, 28, 1121-1124.	1.6	11
13	Speciation Analysis of Phosphorus in Coastal Seawater near Okinawa Island and Concentration Correlation between Dissolved Phosphate Ions and Trace Metals Classified as Nutrient Type. <i>Bunseki Kagaku</i> , 2010, 59, 1097-1104.	0.2	1
14	Determination of REEs in natural water by ICP-MS with the aid of an automatic column changing system. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1253.	3.0	27
15	Determination of Trace Metals in Coastal Seawater around Okinawa and Its Multielement Profiling Analysis. <i>Bunseki Kagaku</i> , 2009, 58, 257-263.	0.2	10
16	Characteristics of Concentrations and Chemical Forms of Trace Elements in Deep Seawater near Kume Island in Okinawa Prefecture Studied by Multielement Profiling Analysis. <i>Bunseki Kagaku</i> , 2009, 58, 707-714.	0.2	3
17	Determination of 56 Elements in Lake Baikal Water by High-Resolution ICP-MS with the Aid of a Tandem Preconcentration Method. <i>Analytical Sciences</i> , 2008, 24, 1513-1517.	1.6	7
18	Partitionings of Major-to-Ultratrace Elements in Bittern as Determined by ICP-AES and ICP-MS with Aid of Chelating Resin Preconcentration. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 588-594.	3.2	4

#	ARTICLE	IF	CITATIONS
19	Fractional Distributions of Trace Metals in Surface Water of Lake Biwa as Studied by Ultrafiltration and ICP-MS. Bulletin of the Chemical Society of Japan, 2005, 78, 1970-1976.	3.2	20
20	Multielement Determination of Trace Metals in Seawater by Inductively Coupled Plasma Mass Spectrometry after Tandem Preconcentration Using a Chelating Resin. Bulletin of the Chemical Society of Japan, 2005, 78, 659-667.	3.2	30
21	Multielement Determination of Trace Metals in Seawater by ICP-MS Using a Chelating Resin-Packed Minicolumn for Preconcentration. Bulletin of the Chemical Society of Japan, 2005, 78, 107-115.	3.2	44
22	Gadolinium Anomaly in the Distributions of Rare Earth Elements Observed for Coastal Seawater and River Waters around Nagoya City. Bulletin of the Chemical Society of Japan, 2004, 77, 1835-1842.	3.2	73
23	Partitionings and Kinetic Behaviors of Major-to-Ultratrace Elements between Industrial Waste Incineration Fly and Bottom Ashes as Studied by ICP-AES and ICP-MS. Analytical Sciences, 2004, 20, 189-194.	1.6	10
24	Distributions of Major-to-Ultratrace Elements among the Particulate and Dissolved Fractions in Natural Water as Studied by ICP-AES and ICP-MS after Sequential Fractionation. Analytical Sciences, 2004, 20, 29-36.	1.6	26
25	Speciation of Small Molecules and Inorganic Ions in Salmon Egg Cell Cytoplasm by Surfactant-Mediated HPLC/ICP-MS.. Analytical Sciences, 2003, 19, 117-121.	1.6	14
26	Multielement Monitoring for Dissolved and Acid-soluble Concentrations of Trace Metals in Surface Seawater along the Ferry Track between Osaka and Okinawa as Investigated by ICP-MS.. Analytical Sciences, 2001, 17, 399-405.	1.6	33
27	Multielement Determination and Speciation of Major-to-Trace Elements in Black Tea Leaves by ICP-AES and ICP-MS with the Aid of Size Exclusion Chromatography.. Analytical Sciences, 2001, 17, 391-398.	1.6	119
28	Analytical Chemistry represented by "super" and "ultra". Simultaneous determinations of Cu, Cd and Pb in river-water samples by multielement isotope dilution/ICP-MS with the aid of chelating resin preconcentration.. Bunseki Kagaku, 2001, 50, 433-439.	0.2	5
29	An Enriched Stable-Isotope Probe Method for the Speciation of Trace Metals in Natural Water by Size-Exclusion Chromatography and ICP-MS.. Analytical Sciences, 2000, 16, 1011-1012.	1.6	1
30	Fractional Distributions of Major-to-Ultratrace Elements in Coastal Seawater and Their Partitionings in Laboratory-Made Salts as Investigated by Inductively Coupled Plasma Atomic Emission Spectrometry and Inductively Coupled Plasma Mass Spectrometry with Aid of Membrane- and Ultra-filtration Techniques. Bulletin of the Chemical Society of Japan, 2000, 73, 1179-1186.	3.2	9
31	Removal of Palladium(II) from Aqueous and Organic Solutions by Polystyrene-bound Trimercaptotriazine. Chemistry Letters, 2000, 29, 1218-1219.	1.3	25
32	Chemical Stability of Large Organic Molecule-Metal Complexes Dissolved in Natural Water as Studied by Size Exclusion Chromatography/Inductively Coupled Plasma Mass Spectrometry. Bulletin of the Chemical Society of Japan, 2000, 73, 121-127.	3.2	11
33	Simultaneous Multielement Determination of Hydride- and Oxoanion-Forming Elements in Seawater by Inductively Coupled Plasma Mass Spectrometry after Lanthanum Coprecipitation. Bulletin of the Chemical Society of Japan, 2000, 73, 895-901.	3.2	27
34	Polydiphenylamine-dodecyl sulfate films for the simultaneous amperometric determination of electroinactive anions and cations in ion-exclusion cation-exchange chromatography. Fresenius' Journal of Analytical Chemistry, 2000, 368, 791-796.	1.5	3
35	Amperometric detection studies of poly-o-phenylenediamine film for the determination of electroinactive anions in ion-exclusion chromatography. Analyst, The, 2000, 125, 1453-1457.	3.5	18
36	Simultaneous amperometric detection of electroinactive anions and cations in ion chromatography. Analyst, The, 2000, 125, 1799-1804.	3.5	8

#	ARTICLE	IF	CITATIONS
37	Multielement Determination of Rare Earth Elements in Geochemical Samples by Liquid Chromatography/ Inductively Coupled Plasma Mass Spectrometry.. Analytical Sciences, 1999, 15, 17-22.	1.6	12
38	Multielement analysis of insoluble particulates in solar salt by ICP-AES and ICP-MS in relation to geochemical consideration.. Bunseki Kagaku, 1999, 48, 897-908.	0.2	5
39	Multielement Determination of Trace Elements in Coastal Seawater by Inductively Coupled Plasma Mass Spectrometry with Aid of Chelating Resin Preconcentration. Bulletin of the Chemical Society of Japan, 1999, 72, 2253-2260.	3.2	55
40	Speciation of yttrium and lanthanides in natural water by inductively coupled plasma mass spectrometry after preconcentration by ultrafiltration and with a chelating resin. Analyst, The, 1998, 123, 773-778.	3.5	50
41	Dissolved Sates of Trace Metal Ions in Natural Water as Elucidated by Ultrafiltration/Size Exclusion Chromatography/ICP-MS.. Analytical Sciences, 1997, 13, 393-396.	1.6	7
42	Determination of Trace Amount of Lead in Natural Water by Isotope Dilution-Inductively Coupled Plasma Mass Spectrometry.. Analytical Sciences, 1997, 13, 7-10.	1.6	4
43	Evaluation of sulfobetaine-type zwitterionic stationary phases for ion Chromatographic separation using water as a mobile phase. Analytica Chimica Acta, 1997, 349, 231-238.	5.4	26
44	Speciation of Trace Metals in Pond Water as Studied by Liquid Chromatography/Inductively Coupled Plasma Mass Spectorometry. Bulletin of the Chemical Society of Japan, 1996, 69, 3469-3473.	3.2	33
45	Multielement Determination of Rare Earth Elements in Coastal Seawater by Inductively Coupled Plasma Mass Spectrometry after Preconcentration Using Chelating Resin. Bulletin of the Chemical Society of Japan, 1995, 68, 3065-3070.	3.2	64
46	Versatile Simultaneous Multielement Measurement System with Combination of ICP-MS and ICP-AES through Optical Fiber. Bulletin of the Chemical Society of Japan, 1995, 68, 1635-1640.	3.2	11
47	Multielement Determination of Rare Earth Elements in Rock Sample by Liquid Chromatography / Inductively Coupled Plasma Mass Spectrometry. Chemistry Letters, 1995, 24, 363-364.	1.3	4
48	Multielement Determination of Rare Earth Elements by Liquid Chromatography/Inductively Coupled Plasma Atomic Emission Spectrometry. Bulletin of the Chemical Society of Japan, 1995, 68, 898-904.	3.2	10
49	Direct Determination of Inorganic Ions at Sub-ppb Levels by Ion Chromatography Using Water as a Mobile Phase. Analytical Chemistry, 1995, 67, 3713-3716.	6.5	34
50	Formation of Large Molecular Humic Acid with Addition of Zinc Ion as Elucidated by Liquid Chromatography/ICP-AES. Chemistry Letters, 1994, 23, 1627-1630.	1.3	1
51	Chemical Speciation of Large Molecular Metal Complexes in Pond Water. Chemistry Letters, 1993, 22, 1017-1020.	1.3	3
52	Effect of soil moisture and its correction method for quantitative analysis of hazardous metals in polluted soil for the on-site XRF analysis. X-Ray Spectrometry, 0, , .	1.4	5