Akihide Itoh

List of Publications by Year
in descending order

52	923	471509 17	477307 29
papers	citations	h-index	g-index

52	52	52	732
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	Speciation of yttrium and lanthanides in natural water by inductively coupled plasma mass spectrometry after preconcentration by ultrafiltration and with a chelating resinâ€. Analyst, The, 1998, 123, 773-778.	3.5	50
6	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
7	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
8	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
9	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
10	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
11	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
12	Determination of REEs in natural water by ICP-MS with the aid of an automatic column changing system. Journal of Analytical Atomic Spectrometry, 2010, 25, 1253.	3.0	27
13	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
14	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
15	Removal of Palladium(II) from Aqueous and Organic Solutions by Polystyrene-bound Trimercaptotriazine. Chemistry Letters, 2000, 29, 1218-1219.	1.3	25
16	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
17	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
18	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

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19	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. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 179, 106100.	2.9	14
20	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
21	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
22	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
23	Relative Enrichment of Mo in the Radicle of Peanut Seed (Arachis hypogaea), Observed by Multi-elemental Imagining with LA-ICP-MS. Analytical Sciences, 2012, 28, 1121-1124.	1.6	11
24	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
25	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
26	Determination of Trace Metals in Coastal Seawater around Okinawa and Its Multielement Profiling Analysis. Bunseki Kagaku, 2009, 58, 257-263.	0.2	10
27	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
28	Potential Anthropogenic Pollution by Eu as well as Gd Observed in River Water around Urban Area. Chemistry Letters, 2017, 46, 1327-1329.	1.3	9
29	Simultaneous amperometric detection of electroinactive anions and cations in ion chromatography. Analyst, The, 2000, 125, 1799-1804.	3.5	8
30	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
31	Determination of 56 Elements in Lake Baikal Water by High-Resolution ICP-MS with the Aid of a Tandem Preconcentration Method. Analytical Sciences, 2008, 24, 1513-1517.	1.6	7
32	Potential Anthropogenic Pollution of High-technology Metals with a Focus on Rare Earth Elements in Environmental Water. Analytical Sciences, 2021, 37, 131-143.	1.6	7
33	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
34	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
35	Direct Determination of Cadmium in Seawater by Standard Addition ICP-QMS/QMS with an ORC. Analytical Sciences, 2016, 32, 1301-1305.	1.6	5
36	Effect of soil moisture and its correction method for quantitative analysis of hazardous metals in polluted soil for the onâ€site XRF analysis. X-Ray Spectrometry, 0, , .	1.4	5

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37	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). Analytica Chimica Acta, 2021, 1180, 338854.	5.4	5
38	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
39	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
40	Partitionings of Major-to-Ultratrace Elements in Bittern as Determined by ICP-AES and ICP-MS with Aid of Chelating Resin Preconcentration. Bulletin of the Chemical Society of Japan, 2006, 79, 588-594.	3.2	4
41	Preparation of standard materials of aerosol particles for Xâ€ray fluorescence analysis using a small chamber sampling unit. X-Ray Spectrometry, 2018, 47, 450-458.	1.4	4
42	Long-term Monitoring of Metal Elements in Total Suspended Particle Aerosols Simultaneously Collected at Three Islands in Okinawa, Japan. Asian Journal of Atmospheric Environment, 2018, 12, 326-337.	1.1	4
43	Chemical Speciation of Large Molecular Metal Complexes in Pond Water. Chemistry Letters, 1993, 22, 1017-1020.	1.3	3
44	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
45	Characteristics of Concentrations and Chemical Forms of Trace Elements in Deep Seawater near Kume Island in Okinawa Prefecture Studied by Multielement Profiling Analysis. Bunseki Kagaku, 2009, 58, 707-714.	0.2	3
46	Multi-Element Profiling Analyses of Symbiotic Zooxanthellae and Soft Tissues in a Giant Clam (Tridacna crocea) Living in the Coral Reefs and Their Intake Process of Zn and Cd. Bulletin of the Chemical Society of Japan, 2017, 90, 520-526.	3.2	3
47	New Adsorbent for Removal of Inorganic Arsenic(III) from Groundwater. Chemistry Letters, 2017, 46, 58-60.	1.3	3
48	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. International Journal of Analytical Chemistry, 2018, 2018, 1-8.	1.0	3
49	Elemental characteristics and biogeochemical cycles of trace metals in coastal seawater around coral reefs elucidated by multi-element profiling analyses. Estuarine, Coastal and Shelf Science, 2020, 240, 106779.	2.1	3
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	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
52	Speciation Analysis of Phosphorus in Coastal Seawater near Okinawa Island and Concentration Correlation between Dissolved Phosphate Ions and Trace Metals Classified as Nutrient Type. Bunseki Kagaku, 2010, 59, 1097-1104.	0.2	1