

Shin-ichiro Fujii

List of Publications by Year in descending order

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36
papers

877
citations

471509

17
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical DNA Methylation Detection for Enzymatically Digested CpG Oligonucleotides. <i>Analytical Chemistry</i> , 2011, 83, 7595-7599.	6.5	89
2	Effective and selective recovery of gold and palladium ions from metal wastewater using a sulfothermophilic red alga, <i>Galdieria sulphuraria</i> . <i>Bioresource Technology</i> , 2016, 211, 759-764.	9.6	81
3	Gas chromatographic-mass spectrometric method for separation and detection of endocrine disruptors from environmental water samples. <i>Analytica Chimica Acta</i> , 2001, 428, 227-234.	5.4	62
4	Column silylation method for determining endocrine disruptors from environmental water samples by solid phase micro-extraction. <i>Talanta</i> , 2001, 54, 1039-1047.	5.5	60
5	Highly efficient single-cell analysis of microbial cells by time-resolved inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1598-1606.	3.0	59
6	High Sensitive Elemental Analysis of Single Yeast Cells (<i>Saccharomyces cerevisiae</i>) by Time-Resolved Inductively-Coupled Plasma Mass Spectrometry Using a High Efficiency Cell Introduction System. <i>Analytical Sciences</i> , 2013, 29, 597-603.	1.6	55
7	Microbioassay System for Antiallergic Drug Screening Using Suspension Cells Retaining in a Poly(dimethylsiloxane) Microfluidic Device. <i>Analytical Chemistry</i> , 2005, 77, 3309-3314.	6.5	46
8	Fluorometric Determination of Sulfite and Nitrite in Aqueous Samples Using a Novel Detection Unit of a Microfluidic Device. <i>Analytical Sciences</i> , 2004, 20, 209-212.	1.6	35
9	Microbioassay System for an Anti-cancer Agent Test Using Animal Cells on a Microfluidic Gradient Mixer. <i>Analytical Sciences</i> , 2006, 22, 87-90.	1.6	35
10	Determination of phosphorus using capillary electrophoresis and micro-high-performance liquid chromatography hyphenated with inductively coupled plasma mass spectrometry for the quantification of nucleotides. <i>Journal of Chromatography A</i> , 2009, 1216, 7488-7492.	3.7	31
11	High performance concentric nebulizer for low-flow rate liquid sample introduction to ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 623-630.	3.0	31
12	Time-resolved ICP-MS Measurement: a New Method for Elemental and Multiparametric Analysis of Single Cells. <i>Analytical Sciences</i> , 2014, 30, 219-224.	1.6	31
13	High transport efficiency of nanoparticles through a total-consumption sample introduction system and its beneficial application for particle size evaluation in single-particle ICP-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1531-1545.	3.7	30
14	GC/MS Determination of Phenolic Compounds in Soil Samples Using Soxhlet Extraction and Derivatization Techniques. <i>Analytical Sciences</i> , 2001, 17, 1225-1227.	1.6	28
15	A new fluorimetric method for the determination of formaldehyde in air based on the liquid droplet sampling technique. <i>Analyst</i> , 2001, 126, 104-108.	3.5	27
16	Quantification of phosphorus in DNA using capillary electrophoresis hyphenated with inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 7921-7925.	3.7	25
17	Multielement analysis of micro-volume biological samples by ICP-MS with highly efficient sample introduction system. <i>Talanta</i> , 2011, 87, 24-29.	5.5	23
18	Modified high performance concentric nebulizer for inductively coupled plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1787.	3.0	15

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19	Development of salt-tolerance interface for an high performance liquid chromatography/inductively coupled plasma mass spectrometry system and its application to accurate quantification of DNA samples. <i>Analytica Chimica Acta</i> , 2012, 713, 23-29.	5.4	12
20	Permeation regulation of charged species by the component change of polyion complex membranes. <i>Analytical Biochemistry</i> , 2008, 375, 141-143.	2.4	9
21	An international comparability study on quantification of total methyl cytosine content. <i>Analytical Biochemistry</i> , 2009, 384, 288-295.	2.4	9
22	A coupling system of capillary gel electrophoresis with inductively coupled plasma-mass spectrometry for the determination of double stranded DNA fragments. <i>Metallomics</i> , 2013, 5, 424.	2.4	9
23	Separation and quantification of RNA molecules using size-exclusion chromatography hyphenated with inductively coupled plasma-mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 1315-1318.	2.4	9
24	Construction of a Dimethyl Sulfoxide Sensor Based on Dimethyl Sulfoxide Reductase Immobilized on a Au Film Electrode. <i>Analytical Sciences</i> , 2007, 23, 55-58.	1.6	8
25	Recovery of Au from dilute aqua regia solutions via adsorption on the lyophilized cells of a unicellular red alga <i>Galdieria sulphuraria</i> : A mechanism study. <i>Journal of Hazardous Materials</i> , 2022, 425, 127982.	12.4	8
26	Simple microfabrication method of glass plate using high-viscosity photoresist for micro analytical systems. <i>Analyst</i> , The, 2004, 129, 305.	3.5	7
27	Development of vial wall sorptive extraction and its application to determination of progesterone in human serum. <i>Journal of Chromatography A</i> , 2009, 1216, 7553-7557.	3.7	7
28	Hydrogen peroxide biosensor based on a polyion complex membrane containing peroxidase and toluidine blue, and its application to the fabrication of a glucose sensor. <i>Mikrochimica Acta</i> , 2009, 164, 173-176.	5.0	6
29	A novel concentric grid nebulizer for inductively coupled plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 2136-2145.	3.0	5
30	Single Cell Analysis by Using ICP-MS. , 2017, , 107-124.		5
31	Cell population behavior of the unicellular red alga <i>Galdieria sulphuraria</i> during precious metal biosorption. <i>Journal of Hazardous Materials</i> , 2022, 432, 128576.	12.4	5
32	Quantification of an Oligonucleotide Containing a Sequence Failure Product: Comparison of Isotope Dilution Mass Spectrometry with other Quantification Methods. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 399-407.	1.0	4
33	Quantitative analysis of global 5-methyl- and 5-hydroxymethylcytosine in TET1 expressed HEK293T cells. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112472.	10.1	4
34	Effect of lyophilization on the acid resistance of a unicellular red alga <i>Galdieria sulphuraria</i> during platinum recovery. <i>Journal of Hazardous Materials Advances</i> , 2021, 3, 100015.	3.0	4
35	HPLC for Separation and Quantification of Deoxyribonucleic Acid Fragments and Measurement of Deoxyribonucleic Acid Degradation. <i>Chromatographia</i> , 2014, 77, 1333-1338.	1.3	3
36	Development of certified reference material NMIJ CRM 6205-a for the validation of DNA quantification methods: accurate mass concentrations of 600-bp DNA solutions having artificial sequences. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6091-6100.	3.7	0