

Shinsuke Inagaki

List of Publications by Year in descending order

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58
papers

1,216
citations

331670

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414414

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58
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Characterization of Diarrhetic Shellfish Toxins in the <i>Mizuhopecten yessoensis</i> (Scallop) Midgut Gland by High-Performance Liquid Chromatography–Tandem Mass Spectrometry (HPLC-MS/MS). <i>Analytical Letters</i> , 2023, 56, 531-540.	1.8	1
2	Characterization of scallop midgut gland certified reference material for quantification of diarrhetic shellfish toxins. <i>Food Chemistry</i> , 2019, 298, 125011.	8.2	5
3	Characterization of water in methylcyclohexane as a certified reference material for determination of trace water content in liquids. <i>Metrologia</i> , 2019, 56, 034004.	1.2	3
4	Interlaboratory comparison of liquid chromatography-tandem mass spectrometry quantification of diarrhetic shellfish toxins in scallop midgut glands. <i>Food Chemistry</i> , 2018, 252, 366-372.	8.2	6
5	Development of a Certified Reference Material (NMIJ CRM 4228-a) for the Determination of Water Content in Liquids. <i>Bunseki Kagaku</i> , 2018, 67, 619-624.	0.2	2
6	Characterization of water content in biodiesel fuel certified reference material (NMIJ CRM 8302-a). <i>Accreditation and Quality Assurance</i> , 2016, 21, 361-366.	0.8	7
7	Fast GC Analysis of Fatty Acid Methyl Esters Using a Highly Polar Ionic Liquid Column and its Application for the Determination of Trans Fatty Acid Contents in Edible Oils. <i>Chromatographia</i> , 2015, 78, 291-295.	1.3	15
8	Development of a reliable method to determine water content by headspace gas chromatography/mass spectrometry with the standard addition technique. <i>Analytical Methods</i> , 2015, 7, 4816-4820.	2.7	17
9	Certification of water content in NMIJ CRM 4222-a, water standard solution 0.1 mg g ⁻¹ , by coulometric and volumetric Karl Fischer titration. <i>Analytical Methods</i> , 2014, 6, 2785-2790.	2.7	16
10	A novel derivatization reagent possessing a bromoquinolinium structure for biological carboxylic acids in HPLC-ESI-MS/MS. <i>Journal of Separation Science</i> , 2013, 36, 1883-1889.	2.5	23
11	Determination of Sulfur in Bioethanol Certified Reference Material. <i>Journal of the Japan Petroleum Institute</i> , 2013, 56, 171-175.	0.6	6
12	Characterization of Certified Reference Material for the Quantification of Water in Bioethanol. <i>Analytical Sciences</i> , 2012, 28, 1089-1095.	1.6	13
13	Rapid enantiomeric separation and simultaneous determination of phenethylamines by ultra high performance liquid chromatography with fluorescence and mass spectrometric detection: application to the analysis of illicit drugs distributed in the Japanese market and biological samples. <i>Drug Testing and Analysis</i> , 2012, 4, 1001-1008.	2.6	3
14	Amino Acid Analysis via LC-MS Method After Derivatization with Quaternary Phosphonium. <i>Methods in Molecular Biology</i> , 2012, 828, 47-54.	0.9	8
15	Simultaneous determination of polyamines in human nail as 4-(N,N-dimethylaminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole derivatives by nano-flow chip LC coupled with quadrupole time-of-flight tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2011, 412, 98-106.	1.1	30
16	Biomarker discovery in biological specimens (plasma, hair, liver and kidney) of diabetic mice based upon metabolite profiling using ultra-performance liquid chromatography with electrospray ionization time-of-flight mass spectrometry. <i>Clinica Chimica Acta</i> , 2011, 412, 861-872.	1.1	48
17	Determination of dl-amino acids, derivatized with R ^(*) -4-(3-isothiocyanatopyrrolidin-1-yl)-7-(N,N-dimethylaminosulfonyl)-2,1,3-benzoxadiazole, in nail of diabetic patients by UPLC-ESI-TOF-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3220-3228.	2.3	51
18	Stable isotope-dilution liquid chromatography/tandem mass spectrometry method for determination of thyroxine in saliva. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1013-1017.	2.3	16

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19	A specific LC/ESI-MS/MS method for determination of 25-hydroxyvitamin D ₃ in neonatal dried blood spots containing a potential interfering metabolite, 3-epi-25-hydroxyvitamin D ₃ . Journal of Separation Science, 2011, 34, 725-732.	2.5	71
20	Development and validation of stable-isotope dilution liquid chromatography-tandem mass spectrometric method for determination of salivary progesterone. Biomedical Chromatography, 2011, 25, 1175-1180.	1.7	8
21	Novel decaffeination of green tea using a special picking method and shortening of the rolling process. Food Chemistry, 2011, 125, 878-883.	8.2	17
22	Determination of N-Linked Oligosaccharide Derivatives by Reversed-Phase Chromatography Followed by Electrospray Ionization Time-of-Flight Mass Spectrometry: Evaluation of Fluorescence Reagents for the Labeling of N-Glycosylamine. Current Analytical Chemistry, 2010, 6, 184-192.	1.2	1
23	Screening DNA Adducts by LC-ESI-MS-MS: Application to Screening New Adducts Formed from Acrylamide. Chromatographia, 2010, 72, 1043-1048.	1.3	16
24	Simple and practical derivatization procedure for enhanced detection of carboxylic acids in liquid chromatography-electrospray ionization-tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 52, 809-818.	2.8	105
25	Simultaneous and group determination methods for designated substances by HPLC with multi-channel electrochemical detection and their application to real samples. Biomedical Chromatography, 2010, 24, 1287-1299.	1.7	7
26	HPLC enantioseparation of \pm -diphenyl-2-pyrrolidinemethanol and methylphenidate using a chiral fluorescent derivatization reagent and its application to the analysis of rat plasma. Journal of Separation Science, 2010, 33, 3137-3143.	2.5	9
27	Highly sensitive and positively charged precolumn derivatization reagent for amines and amino acids in liquid chromatography/electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 1358-1364.	1.5	43
28	Practical Analytical Approach for the Identification of Biomarker Candidates in Prediabetic State Based upon Metabonomic Study by Ultraperformance Liquid Chromatography Coupled to Electrospray Ionization Time-of-Flight Mass Spectrometry. Journal of Proteome Research, 2010, 9, 3912-3922.	3.7	34
29	First detection of free d-amino acids in human nails by combination of derivatization and UPLC-ESI-TOF-MS. Analytical Methods, 2010, 2, 1233.	2.7	27
30	Rapid analysis of N-linked oligosaccharides in glycoproteins (ovalbumin, ribonuclease B and Tj ETQq0 0 0 rgBT /Overlock 10 Tf) by electrospray ionization time-of-flight mass spectrometry. Biomedical Chromatography, 2009, 23, 516-523.	1.7	27
31	Identification of N-linked oligosaccharide labeled with 1-pyrenesulfonyl chloride by quadrupole time-of-flight tandem mass spectrometry after separation by micro- and nanoflow liquid chromatography. Biomedical Chromatography, 2009, 23, 912-921.	1.7	7
32	Rapid detection of ketamine and norketamine in rat hair using micropulverized extraction and ultra-performance liquid chromatography-electrospray ionization mass spectrometry. Biomedical Chromatography, 2009, 23, 1245-1250.	1.7	19
33	Rapid, sensitive and simultaneous determination of fluorescence-labeled designated substances controlled by the Pharmaceutical Affairs Law in Japan by ultra-performance liquid chromatography coupled with electrospray-ionization time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 395, 1411-1422.	3.7	6
34	Rapid determination of oxidized methionine residues in recombinant human basic fibroblast growth factor by ultra-performance liquid chromatography and electrospray ionization quadrupole time-of-flight mass spectrometry with in-source collision-induced dissociation. Rapid Communications in Mass Spectrometry, 2009, 23, 2053-2060.	1.5	3
35	Fragmentation of a Non-Ester Pyrethroid Insecticide by Atmospheric Pressure Chemical Ionization. European Journal of Mass Spectrometry, 2009, 15, 45-56.	1.0	2
36	Selective and sensitive determination of lipoyllysine (protein-bound \pm -lipoic acid) in biological specimens by high-performance liquid chromatography with fluorescence detection. Analytica Chimica Acta, 2008, 618, 210-217.	5.4	30

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37	Human liver dihydrodiol dehydrogenase 1 α -catalyzed reaction generating 9 β ,11 β -prostaglandin F ₂ from prostaglandin D ₂ followed by micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 2008, 31, 735-740.	2.5	9
38	Simultaneous determination of 11 designated hallucinogenic phenethylamines by ultra-fast liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 873, 187-194.	2.3	14
39	Rapid, sensitive and simultaneous determination of fluorescence-labeled polyamines in human hair by high-pressure liquid chromatography coupled with electrospray-ionization time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1205, 94-102.	3.7	25
40	Prediction for the Separation Efficiency of a Pair of Enantiomers during Chiral High-Performance Liquid Chromatography Using a Quartz Crystal Microbalance. <i>Analytical Chemistry</i> , 2008, 80, 1824-1828.	6.5	18
41	Hair analysis of histamine and several metabolites in C3H/HeNCrj mice by ultra performance liquid chromatography with electrospray ionization time-of-flight mass spectrometry (UPLC-ESI-TOF-MS): Influence of hair cycle and age. <i>Clinica Chimica Acta</i> , 2007, 378, 122-127.	1.1	17
42	Determination of Fluorescence-Labeled Asparaginyl-Oligosaccharide in Glycoprotein by Reversed-Phase Ultraperformance Liquid Chromatography with Electrospray Ionization Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 8694-8698.	6.5	39
43	Direct detection method of oligosaccharides by high-performance liquid chromatography with charged aerosol detection. <i>Biomedical Chromatography</i> , 2007, 21, 338-342.	1.7	39
44	Resolution of oligosaccharides in glycopeptides using immobilized Endo-M and ultra-performance liquid chromatography with electrospray ionization time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2007, 21, 852-860.	1.7	17
45	Metabolic profiling of rat hair and screening biomarkers using ultra performance liquid chromatography with electrospray ionization time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1176, 94-99.	3.7	32
46	Fully automated two-dimensional high-performance liquid chromatography with electrospray ionization time-of-flight mass spectrometry for the determination of oligosaccharides in glycopeptides after enzymic fluorescence labeling. <i>Journal of Chromatography A</i> , 2007, 1160, 120-127.	3.7	13
47	Simultaneous determination of α -lipoic acid and its reduced form by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 854, 109-115.	2.3	39
48	Identification of AMPN1-Oxide in Royal Jelly as a Component Neurotrophic toward Cultured Rat Pheochromocytoma PC12 Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 897-906.	1.3	35
49	Rapid determination of histamine and its metabolites in mice hair by ultra-performance liquid chromatography with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1132, 148-156.	3.7	46
50	LC-MS Study on the Formation of Cyclic 1,N2-Propano Guanine Adduct in the Reactions of DNA with Acetaldehyde in the Presence of Histone. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 273-276.	1.4	21
51	Oxidative hydrolysis of a cyclic 1,N2-propano-2 α -deoxyguanosine, an adduct of 2 α -deoxyguanosine with acetaldehyde or crotonaldehyde. <i>Tetrahedron Letters</i> , 2003, 44, 7303-7306.	1.4	8
52	Histones accelerate the cyclic 1, N 2 -propanoguanine adduct-formation of DNA by the primary metabolite of alcohol and carcinogenic crotonaldehyde. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3497-3498.	2.2	28
53	Separation procedures capable of revealing DNA adducts. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 797, 321-329.	2.3	26
54	Analysis of DNA adducts of acetaldehyde by liquid chromatography α -mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 987, 341-347.	3.7	30

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55	A Handy Detection Cell for End-Column Electrochemical Detection in Capillary Electrophoresis.. Analytical Sciences, 2001, 17, 1383-1387.	1.6	14
56	Separation of N ² -ethyl-2'-deoxyguanosine-5'-monophosphate and four native deoxyribonucleoside monophosphates using capillary zone electrophoresis with polyethylene glycol as buffer additive. Electrophoresis, 2001, 22, 104-108.	2.4	10
57	Analysis of DNA adducts bases by capillary electrophoresis with amperometric detection. Electrophoresis, 2001, 22, 3408-3412.	2.4	18
58	Polyacrylamides as hydrophilic selectors in non-aqueous capillary electrophoresis. Journal of Chromatography A, 2001, 905, 291-297.	3.7	16