Kazuhiko Tsukagoshi

List of Publications by Year
in descending order

139 papers	2,384 citations	257450 24 h-index	265206 42 g-index
139 all docs	139 docs citations	139 times ranked	1015 citing authors

#	Article	IF	Citations
1	Specific complexation with mono- and disaccharides that can be detected by circular dichroism. Journal of Organic Chemistry, 1991, 56, 4089-4091.	3.2	184
2	Development of a Micro Total Analysis System Incorporating Chemiluminescence Detection and Application to Detection of Cancer Markers. Analytical Chemistry, 2005, 77, 1684-1688.	6.5	120
3	Microchip capillary electrophoresis using on-line chemiluminescence detection. Journal of Chromatography A, 2000, 867, 271-279.	3.7	110
4	Direct Detection of Biomolecules in a Capillary Electrophoresisâ^'Chemiluminescence Detection System. Analytical Chemistry, 2004, 76, 4410-4415.	6.5	84
5	On-Line Capillary Zone Electrophoretic Separation-Chemiluminescence Detection of Protein Labeled with Fluorescamine. Analytical Sciences, 1996, 12, 525-528.	1.6	76
6	Batch-Type Chemiluminescence Detection Cell for Sensitization and Simplification of Capillary Electrophoresis. Analytical Chemistry, 2002, 74, 4109-4116.	6.5	72
7	Hands-Off Preparation of Monodisperse Emulsion Droplets Using a Poly(dimethylsiloxane) Microfluidic Chip for Droplet Digital PCR. Analytical Chemistry, 2015, 87, 4134-4143.	6.5	63
8	Separation and determination of phenolic compounds by capillary electrophoresis with chemiluminescence detection. Journal of Chromatography A, 2002, 978, 213-220.	3.7	60
9	Molecular recognition of mono- and di-saccharides by phenylboronic acids in solvent extraction and as a monolayer. Journal of the Chemical Society Chemical Communications, 1991, , 1039.	2.0	59
10	Fluorescence observation supporting capillary chromatography based on tube radial distribution of carrier solvents under laminar flow conditions. Analyst, The, 2011, 136, 927-932.	3.5	51
11	High-Sensitivity Determination of Emetine Dithiocarbamate Copper(II) Complex Using the Electrogenerated Chemiluminescence Detection of Tris(2,2 -bipyridine)ruthenium(II). Analytical Sciences, 1997, 13, 639-642.	1.6	49
12	Tube Radial Distribution Phenomenon of Ternary Mixed Solvents in a Microspace under Laminar Flow Conditions. Analytical Sciences, 2011, 27, 793-798.	1.6	48
13	Compact detection cell using optical fiber for sensitization and simplification of capillary electrophoresisâ€“chemiluminescence detection. Journal of Chromatography A, 1999, 832, 191-202.	3.7	46
14	Application of Microchip Capillary Electrophoresis with Chemiluminescence Detection to an Analysis for Transition-Metal Ions.. Analytical Sciences, 2000, 16, 1111-1112.	1.6	46
15	Chemiluminescence Analyses of Biological Constituents Using Metal-Complex Catalysts A Review. Analytical Sciences, 1990, 6, 797-806.	1.6	45
16	Migration behavior of dyestuff-containing liposomes in capillary electrophoresis with chemiluminescence detection. Journal of Chromatography A, 1998, 813, 402-407.	3.7	41
17	High-Sensitive Analysis of Heme Proteins Separated by Capillary Electrophoresis with On-Line Chemiluminescence Detection Using a Luminol and Hydrogen Peroxide System. Analytical Sciences, 1997, 13, 279-281.	1.6	37
18	Capillary chromatography based on tube radial distribution of aqueousâ€“organic mixture carrier solvents. Talanta, 2009, 79, 1348-1353.	5.5	34

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19	Analytical Conditions and Separation Performance of Capillary Chromatography Based on the Tube Radial Distribution of Aqueous-Organic Mixture Carrier Solvents under Laminar-Flow Conditions. Analytical Sciences, 2010, 26, 737-742.	1.6	34
20	Chemiluminescence detection of heme proteins separated by capillary isoelectric focusing. Journal of Chromatography A, 1999, 852, 597-601.	3.7	33
21	Fundamental Research and Application of the Specific Fluidic Behavior of Mixed Solvents in a Microspace. Analytical Sciences, 2014, 30, 65-73.	1.6	33
22	Analysis of antioxidants using a capillary electrophoresis with chemiluminescence detection system. Analytica Chimica Acta, 2007, 589, 66-70.	5.4	30
23	Metal ion analysis using microchip CE with chemiluminescence detection based on 1,10â€phenanthrolineâ€“hydrogen peroxide reaction. Journal of Separation Science, 2009, 32, 408-412.	2.5	29
24	Separation and determination of emetine dithiocarbamate metal complexes by capillary electrophoresis with chemiluminescence detection of the tris(2,2â€²-bipyridine)â€“ruthenium(II) complex. Journal of Chromatography A, 2002, 958, 283-289.	3.7	25
25	Improvement of a Capillary Electrophoresis-Chemiluminescence Detection System for Using a Polyacrylamide-Coated Capillary.. Analytical Sciences, 2001, 17, 345-347.	1.6	24
26	Experimental Consideration of Capillary Chromatography Based on Tube Radial Distribution of Ternary Mixture Carrier Solvents under Laminar Flow Conditions. Analytical Sciences, 2011, 27, 259-264.	1.6	23
27	Use of tube radial distribution of ternary mixed carrier solvents for introduction of absorption reagent for metal ion separation and online detection into capillary. Journal of Separation Science, 2011, 34, 2833-2839.	2.5	22
28	Immunoassay Using Chemiluminescence Detection of Dyestuff-Containing Liposomes as a Labeling Reagent.. Analytical Sciences, 2000, 16, 121-124.	1.6	20
29	Batch-Type Detection Cell Using a Peroxyoxalate Chemiluminescence System for Capillary Electrophoresis.. Analytical Sciences, 1999, 15, 1257-1260.	1.6	19
30	Miniaturization of batch- and flow-type chemiluminescence detectors in capillary electrophoresis. Journal of Chromatography A, 2002, 971, 255-260.	3.7	19
31	Molecular recognition of mono- and disaccharides through interaction with p-iodophenylboronic acid in capillary electrophoresis with a chemiluminescence detection system. Journal of Chromatography A, 2006, 1123, 106-112.	3.7	19
32	Separation of dansyl-dl-amino acids by open tubular capillary chromatography based on tube radial distribution phenomenon of the ternary mixed carrier solvents. Analytical Methods, 2012, 4, 906.	2.7	19
33	Sensitive determination of metal ions by liquid chromatography with tris(2,2â€²-bipyridine) ruthenium (II) complex electrogenerated chemiluminescence detection. Journal of Chromatography A, 2001, 919, 331-337.	3.7	18
34	Preparation of an iminodiacetic acid-modified capillary and its performance in capillary liquid chromatography and immobilized metal chelate affinity capillary electrophoresis. Journal of Chromatography A, 2004, 1040, 151-154.	3.7	18
35	Consideration of Inner and Outer Phase Configuration in Tube Radial Distribution Phenomenon Based on Viscous Dissipation in a Microfluidic Flow Using Various Types of Mixed Solvent Solutions. Analytical Sciences, 2016, 32, 455-461.	1.6	18
36	Development of capillary electrophoresis-chemiluminescence detection system. Bunseki Kagaku, 2003, 52, 1-13.	0.2	17

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37	Influece of Silicon Membrane Interposed between Glass Plates on Microchip Capillary Electrophoresis with a Chemiluminescence Detector.. Analytical Sciences, 2001, 17, 1129-1131.	1.6	16
38	Micro-Flow Separation System Using an Open Capillary Tube That Works under Laminar Flow Conditions. Analytical Sciences, 2009, 25, 145-147.	1.6	16
39	Distribution of Fluorescent Dyes Dissolved in Ternary Mixed Solvent in a Microchannel under Laminar Flow Conditions. Chemistry Letters, 2010, 39, 272-273.	1.3	15
40	Specific microfluidic behavior of ternary mixed carrier solvents of waterâ€“acetonitrileâ€“ethyl acetate in open-tubular capillary chromatography and the chromatograms. Analytical Methods, 2012, 4, 3884.	2.7	15
41	Capillary Chromatography Based on Tube Radial Distribution of Aqueous-Organic Mixture Carrier Solvents: Introduction of Double Tubes Having Different Inner Diameters to the System. Analytical Sciences, 2010, 26, 507-510.	1.6	14
42	Introduction of fluorescence and chemiluminescence detection to capillary chromatography based on tube radial distribution of waterâ€“hydrophilicâ€“hydrophobic organic mixture carrier solvents. Analytical Methods, 2010, 2, 1377.	2.7	14
43	Extraction of Cu(II) Based on Tube Radial Distribution of Ternary Mixed Carrier Solvent in Microchannels. Chemistry Letters, 2011, 40, 654-655.	1.3	14
44	STUDY OF OUTER PHASES IN CAPILLARY CHROMATOGRAPHY BASED ON TUBE RADIAL DISTRIBUTION OF CARRIER SOLVENTS UNDER LAMINAR FLOW CONDITIONS. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1750-1766.	1.0	13
45	A poly(dimethylsiloxane) microfluidic sheet reversibly adhered on a glass plate for creation of emulsion droplets for droplet digital PCR. Electrophoresis, 2017, 38, 296-304.	2.4	13
46	The Determination of a Small Amount of a Biological Constituent by the Use of Chemiluminescence. X. The Determination of Protein Using a 1,10-Phenanthrolineâ€“Hydrogen Peroxideâ€“Ruthenium(III) System. Bulletin of the Chemical Society of Japan, 1987, 60, 1537-1539.	3.2	12
47	Simple and Sensitive Detection Cell for Capillary Electrophoresis-Chemiluminescence Analysis Using Peroxyoxalate Reagent. Chemistry Letters, 2000, 29, 98-99.	1.3	12
48	Small-Sized Capillary Electrophoresis with a Chemiluminescence Detector Equipped with Cross-Intersection for Sample Injection.. Analytical Sciences, 2002, 18, 1279-1280.	1.6	12
49	Capillary Electrophoresis-Chemiluminescence Detection System Equipped with a Consecutive Sample-Injection Device. Analytical Sciences, 2004, 20, 379-381.	1.6	12
50	Migration behavior of isoluminol isothiocyanate-labeled Î±-amino acids in capillary electrophoresis with an absorption/chemiluminescence dual detection system. Journal of Chromatography A, 2007, 1143, 288-290.	3.7	12
51	Tube radial distribution chromatography system developed by combining commercially available HPLC system and open-tubular capillary tube as separation column. Talanta, 2018, 183, 89-93.	5.5	12
52	Separation Behavior of Biological Constituents Havingcis-Diol Groups through Interactions with Phenylboronic Acid Sites Introduced on the Inner Wall of a Fused-Silica Capillary. Bulletin of the Chemical Society of Japan, 1998, 71, 2831-2836.	3.2	11
53	Chemiluminescence Detection in Microchip Capillary Electrophoresis. Chemistry Letters, 1999, 28, 781-782.	1.3	11
54	Consideration on peak shape in a batch-type chemiluminescence detection cell for capillary electrophoresis. Journal of Chromatography A, 2001, 930, 165-169.	3.7	11

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55	Capillary electrophoresis apparatus equipped with a bioluminescence detector using a batch- or flow-type detection cell. Journal of Chromatography A, 2005, 1094, 192-195.	3.7	11
56	Capillary chromatography based on tube radial distribution of aqueousâ€organic mixture carrier solvents: Introduction of innerâ€wallâ€modified capillary tubes. Journal of Separation Science, 2009, 32, 4096-4100.	2.5	11
57	Capillary Chromatography Based on Tube Radial Distribution of Aqueous-Organic Mixture Carrier Solvents: Elution Behavior of Carboxylated Polymer Particles in the System. Journal of Chemical Engineering of Japan, 2009, 42, 767-770.	0.6	11
58	Biomolecule Analyses in an Open-Tubular Capillary Chromatography Using Ternary Mixed Carrier Solvents with Chemiluminescence Detection. Analytical Sciences, 2012, 28, 351-357.	1.6	11
59	Consideration of the Tube Radial Distribution of the Carrier Solvents in a Capillary Tube under Laminar Flow Conditions and Computer Simulation. Analytical Sciences, 2012, 28, 527-530.	1.6	11
60	Implementation of Tube Radial Distribution Chromatography by Using a Commercially Available HPLC System. Analytical Sciences, 2018, 34, 239-241.	1.6	11
61	The Determination of a Small Amount of a Biological Constituent by the Use of Chemiluminescence. XI. The Determination of Protein Using a 1,10-Phenanthrolineâ€“Hydrogen Peroxideâ€“Osmium(VIII) System. Bulletin of the Chemical Society of Japan, 1987, 60, 2031-2035.	3.2	10
62	Preparation and Characterization of Polymer Microspheres Which Haye Specific Binding Ability for Saccharide Molecules. Analytical Sciences, 1996, 12, 721-726.	1.6	10
63	Preparation of Phenylboronic Acid-Modified Capillary and Separation of Nucleosides by Capillary Electrophoresis. Analytical Sciences, 1997, 13, 485-487.	1.6	10
64	Chemiluminescence Property of the Luminol-Hydrogen Peroxide-Copper(II) System in the Presence of Surface-Carboxylated Microspheres.. Analytical Sciences, 1998, 14, 409-412.	1.6	10
65	Flow-Type Chemiluminescence Detection Cell Using an Optical Fiber for Capillary Electrophoresis. Bulletin of the Chemical Society of Japan, 1999, 72, 2673-2679.	3.2	10
66	Simple and Convenient Cell for Chemiluminescence Detection in Capillary Electrophoresis.. Analytical Sciences, 1999, 15, 1047-1048.	1.6	10
67	Simultaneous operation of plural separation modes in capillary electrophoresis with a chemiluminescence detector possessing a micro-space area for reaction/detection. Journal of Chromatography A, 2004, 1043, 333-335.	3.7	10
68	Compact polytetrafluoroethylene assembly-type capillary electrophoresis with chemiluminescence detection. Journal of Chromatography A, 2006, 1125, 144-146.	3.7	10
69	Development of an Immune Microanalysis System by Use of Peroxyoxalate Chemiluminescence Detection. Analytical Sciences, 2007, 23, 739-741.	1.6	10
70	Mixing Process of Ternary Solvents Prepared through Microchannels in a Microchip under Laminar Flow Conditions. Analytical Sciences, 2012, 28, 423-427.	1.6	10
71	The Micro-Flow Reaction System Featured the Liquidâ€“Liquid Interface Created with Ternary Mixed Carrier Solvents in a Capillary Tube. Analytical Sciences, 2012, 28, 439-444.	1.6	10
72	Microfluidic Inverted Flow of Ternary Water/Hydrophilic/ Hydrophobic Organic Solvent Solution in a Y-Type Microchannel and a Proposal of the Response Microfluidic Analysis through the Experiment. Analytical Sciences, 2019, 35, 249-256.	1.6	10

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73	Chemiluminescence from singlet oxygen under laminar flow condition in a micro-channel. Analytica Chimica Acta, 2006, 570, 202-206.	5.4	9
74	Separation of Optical Isomers in Capillary Chromatography Using a Poly(tetrafluoroethylene) Capillary Tube and an Aqueous-Organic Mixture Carrier Solution. Analytical Sciences, 2010, 26, 641-643.	1.6	9
75	Derivatization of a Protein with Fluorescamine Utilizing the Tube Radial Distribution Phenomenon of Ternary Mixed Carrier Solvents in a Capillary Tube. Chemistry Letters, 2011, 40, 804-805.	1.3	9
76	Consideration of Tube Radial Distribution Phenomenon under Laminar Flow Conditions Based on the Weber Number. Journal of Chemical Engineering of Japan, 2015, 48, 947-952.	0.6	9
77	Analysis of a Biopolymer by Capillary Electrophoresis with a Chemiluminescence Detector Using a Polymer Solution as the Separation Medium.. Analytical Sciences, 2002, 18, 1195-1198.	1.6	8
78	Analytical Performance of Capillary Electrophoretic System with UV/CL or FL/CL Dual Detector. Chemistry Letters, 2003, 32, 894-895.	1.3	8
79	Capillary electrophoretic system incorporating an UV/CL dual detector. Talanta, 2006, 68, 1071-1075.	5.5	8
80	Observation of the complex formation between Cu(II) and protein by capillary electrophoretic system incorporating an UV/CL dual detector. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 833, 174-178.	2.3	8
81	Elution Behavior of Proteins in Capillary Chromatography Using an Untreated Fused-silica Capillary Tube and a Waterâ€“Hydrophilicâ€“Hydrophobic Organic Mixture Carrier Solvent. Chemistry Letters, 2010, 39, 688-689.	1.3	8
82	Phase Separation Multi-phase Flow Using an Aqueous Two-phase System of a Polyethylene Glycol/Dextran Mixed Solution. Analytical Sciences, 2018, 34, 953-958.	1.6	8
83	Determination of a Small Amount of a Biological Constituent by the Use of Chemiluminescence. XII. Highly Sensitive Immunoaffinity Chromatography. Bulletin of the Chemical Society of Japan, 1988, 61, 301-303.	3.2	7
84	Double-features Chemiluminescence Reagent Prepared through a Mixing Procedure and Its Application to the Detection of Heme Protein.. Analytical Sciences, 2000, 16, 1357-1359.	1.6	7
85	Î±-Amino Acids Analysis by Capillary Electrophoresis with Chemiluminescence Detector Using Luminolâ€“Hydrogen Peroxideâ€“Cu(II) System. Chemistry Letters, 2003, 32, 634-635.	1.3	7
86	Competitive Immunoassay Using Capillary Electrophoresis with a Chemiluminescence Detector. Bulletin of the Chemical Society of Japan, 2005, 78, 1791-1794.	3.2	7
87	Elution Behavior of Lambda-DNA with Ternary Mixed Carrier Solvents in an Open-Tubular Capillary under Laminar Flow Conditions. Analytical Sciences, 2012, 28, 617-620.	1.6	7
88	Investigation of Inner and Outer Phase Formation in Tube Radial Distribution Phenomenon Using Various Types of Mixed Solvent Solutions. Analytical Sciences, 2014, 30, 1005-1011.	1.6	7
89	Investigation of the Composition for a Ternary Solvent System in Tube Radial Distribution Chromatography. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 600-606.	1.0	7
90	Phase Separation and Collection of Annular Flow by Phase Transformation. Analytical Sciences, 2019, 35, 1279-1282.	1.6	7

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91	Simultaneous Analysis of Plural Samples in a CE-CL Detector Possessing Micro-Space Area for Reaction/Detection. Analytical Sciences, 2003, 19, 1339-1340.	1.6	6
92	Peak Formation Due to Chemiluminescence Reaction through the Collapse of Laminar Flow Liquidâ€“Liquid Interface in a Microreactor. Chemistry Letters, 2004, 33, 1178-1179.	1.3	6
93	Enhancing Effect of Phenylboronic Acid Compounds and Their Interactions with the Diol Groups of Saccharides in a Capillary Electrophoresis-Chemiluminescence Detection System. Analytical Sciences, 2007, 23, 227-230.	1.6	6
94	Micro-Flow System Comprised of a Fused-Silica Capillary and Chemiluminescence Detection that Works under Laminar Flow Conditions. Journal of Chemical Engineering of Japan, 2008, 41, 130-137.	0.6	6
95	Tentative Comparison of Tube Radial Distribution Chromatography and CZE. Chromatographia, 2012, 75, 423-428.	1.3	6
96	Effects of Tube Materials on Capillary Chromatography Based on Tube Radial Distribution of Ternary Mixture Carrier Solvents under Laminar Flow Conditions. Chromatographia, 2012, 75, 417-421.	1.3	6
97	Microfluidic Behavior of Ternary Mixed Carrier Solvents Based on the Tube Radial Distribution in Triple-Branched Microchannels in a Microchip. Journal of Analytical Sciences Methods and Instrumentation, 2012, 02, 49-53.	0.1	6
98	Discovery of Phase-separated Multiphase Flows and Attempts at Academic and Technical Systematization. Bunseki Kagaku, 2022, 71, 25-39.	0.2	6
99	Design of a Pressure-Mobilization System for Capillary Isoelectric Focusing-Chemiluminescence Detection.. Analytical Sciences, 1999, 15, 1281-1284.	1.6	5
100	Development of FIA Equipped with a Chemiluminescence Detector Using a Mixed Reagent of Luminol and 1,10-Phenanthroline. Analytical Sciences, 2003, 19, 1019-1023.	1.6	5
101	Development of Ultra-micro Flow Analysis with Chemiluminescence Detector. Analytical Sciences, 2003, 19, 977-978.	1.6	5
102	Selective Detection of Human Serum Albumin Using a Fused-Silica Capillary Modified with Anti-Human Serum Albumin. Bulletin of the Chemical Society of Japan, 2004, 77, 1353-1357.	3.2	5
103	Characterization of chemiluminescence from singlet oxygen under laminar flow conditions in a micro-channel and its quenching with beverages. Talanta, 2007, 72, 607-611.	5.5	5
104	Influence of Adding Surfactants to an Analyte Solution on Separation Performance in Open-tubular Capillary Chromatography Based on the Tube Radial Distribution of Ternary Mixed Carrier Solvents. Chemistry Letters, 2012, 41, 855-856.	1.3	5
105	Michrochip chromatography using an openâ€tubular microchannel and a ternary waterâ€“<scp>ACN</scp>â€“ethyl acetate mixture carrier solution. Journal of Separation Science, 2013, 36, 965-970.	2.5	5
106	Protein separation through preliminary experiments concerning pH and salt concentration by tube radial distribution chromatography based on phase separation multiphase flow using a polytetrafluoroethylene capillary tube. Talanta, 2017, 169, 130-135.	5.5	5
107	Preparation of ZnO Powders with Strong Antibacterial Activity under Dark Conditions. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 316-324.	0.2	5
108	Influences of Analyte Injection Volumes and Concentrations on Capillary Chromatography Based on Tube Radial Distribution of Carrier Solvents under Laminar Flow Conditions. Chromatography, 2011, 32, 135-140.	1.7	5

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109	Consecutive Sample Injection Analysis in Tube Radial Distribution Chromatography. Analytical Sciences, 2021, 37, 1373-1377.	1.6	5
110	Metal-ion imprinted resin prepared using an interaction at the aqueous-organic interface and its characterization.. Bunseki Kagaku, 1996, 45, 975-986.	0.2	4
111	Specific Chemiluminescence from Singlet Oxygen Generated by the Reaction of Acetonitrile and Hydrogen Peroxide in the Presence of Alkali Halide. Chemistry Letters, 2008, 37, 1090-1091.	1.3	4
112	Chromatography Using Ternary Waterâ€“Acetonitrileâ€“Ethyl Acetate Mixture as a Carrier Solution on a Microchip Incorporating Microchannels. Chemistry Letters, 2012, 41, 1448-1450.	1.3	4
113	Tube Radial Distribution Phenomenon with a Two-phase Separation Solution of a Fluorocarbon and Hydrocarbon Organic Solvent Mixture in a Capillary Tube and Metal Compounds Separation. Analytical Sciences, 2014, 30, 687-690.	1.6	4
114	Separation of Metal Complexes with Counter Ions by Tube Radial Distribution Chromatography Using a Ternary Solvent Containing 8-quinolinol. Analytical Sciences, 2015, 31, 1177-1182.	1.6	4
115	Tube Radial Distribution Chromatography on a Microchip Incorporating Microchannels with a Three-to-One Channel Confluence Point. Analytical Sciences, 2015, 31, 1267-1272.	1.6	4
116	A Microflow-Extraction System Using Double Tubes Having Different Inner Diameters in Tube Radial Distribution Phenomenon. Solvent Extraction Research and Development, 2015, 22, 87-93.	0.4	4
117	Open-Tubular Capillary Chromatoraphy Based on Tube Radial Distribution of the Water-Acetonitrile Containing Sodium Chloride Mixture Carrier Solvents. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 44-53.	1.0	4
118	Novel separation mode of HPLC based on phase-separation multiphase flow. Analytical Sciences, 2022, 38, 931-933.	1.6	4
119	Electrophoretic Separation and High-Sensitivity Detection of Dyestuff-Labeled Proteins Using an Untreated Fused-Silica Capillary and Sodium Dodecyl Sulfate-Containing Buffer for Migration and Labeling.. Analytical Sciences, 1997, 13, 565-570.	1.6	3
120	Micro-channel Chemiluminescence Analysis Using a Peroxyoxalate Reaction that Works through Liquid-Liquid Interface Collapse under Laminar-Flow Conditions. Analytical Sciences, 2008, 24, 1393-1398.	1.6	3
121	CAPILLARY ELECTROPHORESIS WITH A CHEMILUMINESCENCE DETECTOR USING THE TWO REACTIONS OF LUMINOL AND PEROXYOXALATE. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1091-1101.	1.0	3
122	Capillary Chromatography Using an Annular and Sluggish Flow in the Ternary Waterâ€“Acetonitrileâ€“Ethyl Acetate System as Carrier Solution. Chemistry Letters, 2014, 43, 1318-1320.	1.3	3
123	Development of Tube Radial Distribution Chromatography Based on Phase-Separation Multiphase Flow Created via Pressure Loss. Analytical Sciences, 2019, 35, 803-806.	1.6	3
124	Microfluidic behavior of ternary mixed solutions of water/acetonitrile/ethyl acetate through experiments and computer simulations. Analytical Sciences, 2022, 38, 731-736.	1.6	3
125	Surface Imprinting: Preparation of Metal Ion-Imprinted Resins by Use of Complexation at the Aqueous-Organic Interface. ACS Symposium Series, 1998, , 251-263.	0.5	2
126	Application of Capillary Electrophoresis with Sensitive Detection to Analysis for Saccharide Molecules.. Analytical Sciences, 2002, 18, 709-710.	1.6	2

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127	Development of a Novel Chemiluminescence Analysis Using Liquid-Liquid Interface Micro-Reaction Space in a Micro-Channel. Bunseki Kagaku, 2009, 58, 495-506.	0.2	2
128	Rapid and Convenient Sample Preparation in a Single Tube Using Magnetic Beads for Fluorescence Detection of Single Nucleotide Variation Based on Oligonucleotide Ligation. Chemistry Letters, 2012, 41, 135-137.	1.3	2
129	Examination of Tube Radial Distribution Phenomenon and Its Function Appearance. Bunseki Kagaku, 2013, 62, 393-407.	0.2	2
130	Investigation of the Separation Efficiency of Tube Radial Distribution Chromatography with Stationary Outer Phase Using the van Deemter Equation. Chromatographia, 2020, 83, 287-292.	1.3	2
131	Separation of Dansyl-DL-Amino Acids Through Tube Radial Distribution Chromatography by Using a Commercially Available HPLC System with a Capillary Tube Manufactured for GC as a Separation Column. Chromatography, 2021, 42, 67-71.	1.7	2
132	Dependence of Antibacterial Activity of ZnO Powders on Their Physico-chemical Properties. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2019, 66, 434-441.	0.2	2
133	Confirmation of Separation Mechanism Through Visualization of Microfluidic Behavior of Fluorescent Analytes in Tube Radial Distribution Chromatography. Chromatography, 2019, 40, 163-168.	1.7	2
134	Improvement in FIA system for determining small amounts of proteins with chemiluminescence detection.. Bunseki Kagaku, 1989, 38, T100-T103.	0.2	1
135	Performance of a Coiled Capillary of One-cm Diameter in Capillary Electrophoresis.. Analytical Sciences, 1996, 12, 811-814.	1.6	1
136	Capillary Electrophoresis with Chemiluminescence Detector Using On-capillary Detection. Chemistry Letters, 2004, 33, 1000-1001.	1.3	1
137	Synthesis and Fluorescence Properties of 2,6-Diaryl-4-(2-substituted thienyl-5-yl)pyridines. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1477-1478.	1.6	0
138	A Microbead-based Single Base Extension Assay for the Detection of Known Single-base Changes in Genomic DNA. Chemistry Letters, 2015, 44, 595-597.	1.3	0
139	Application of capillary electrophoresis-chemiluminescene detection to immunoassay.. Seibutsu Butsuri Kagaku, 2001, 45, 111-115.	0.1	0