

Toshio Takayanagi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5156217/publications.pdf>

Version: 2024-02-01

124
papers

1,613
citations

331670

21
h-index

395702

33
g-index

124
all docs

124
docs citations

124
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Novel Analysis and Characterization Methods Utilizing Reaction Dynamics in a Separation Capillary. <i>Chromatography</i> , 2022, 43, .	1.7	1
2	Kinetic analysis of the transphosphorylation with creatine kinase by pressure-assisted capillary electrophoresis/dynamic frontal analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1453-1460.	3.7	8
3	Determination of Two-Steps Acid Dissociation Constants of L-Ascorbic Acid by Capillary Zone Electrophoresis. <i>Chromatography</i> , 2021, 42, 49-54.	1.7	3
4	An Improved Reflection Colorimeter Integrated with a Coaxial Optical-fiber Cable for Highly Sensitive Solid-phase Colorimetry Using a Membrane Filter. <i>Analytical Sciences</i> , 2021, 37, 1045-1048.	1.6	1
5	Track-etched membrane-based dual-electrode coulometric detector for microbore/capillary high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2020, 1102, 46-52.	5.4	9
6	Determination of acid dissociation constants of flavin analogues by capillary zone electrophoresis. <i>Electrophoresis</i> , 2020, 41, 1316-1325.	2.4	3
7	Inhibition Assay of Theophylline by Capillary Electrophoresis/Dynamic Frontal Analysis on the Hydrolysis of <i>p</i> -Nitrophenyl Phosphate with Alkaline Phosphatase. <i>Chemistry Letters</i> , 2020, 49, 681-684.	1.3	9
8	Kinetic analysis of substrate competition in enzymatic reactions with β -D-galactosidase by capillary electrophoresis / dynamic frontal analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113390.	2.8	9
9	Kinetic analysis of an enzymatic hydrolysis of <i>p</i> -nitrophenyl acetate with carboxylesterase by pressure-assisted capillary electrophoresis/dynamic frontal analysis. <i>Analytical Methods</i> , 2020, 12, 5846-5851.	2.7	9
10	Capillary Electrophoresis/Dynamic Frontal Analysis for the Enzyme Assay of 4-Nitrophenyl Phosphate with Alkaline Phosphatase. <i>Analytical Sciences</i> , 2020, 36, 829-834.	1.6	10
11	Capillary Electrophoretic Characterization of Carbon Nanodots Prepared from Glutamic Acid in an Electric Furnace. <i>Chromatography</i> , 2020, 41, 103-107.	1.7	2
12	Capillary Electrophoretic Characterization of Water-soluble Carbon Nanodots Formed from Glutamic Acid and Boric Acid under Microwave Irradiation. <i>Analytical Sciences</i> , 2020, 36, 941-946.	1.6	1
13	Utilization of Track-etched Membrane Filter for a Crystallization Field and Single-crystal X-ray Diffraction Analysis of Proteins. <i>Bunseki Kagaku</i> , 2019, 68, 639-646.	0.2	0
14	Polyethylene Glycols for the Dispersion Development of Graphene in an Aqueous Surfactant Solution Studied by Affinity Capillary Electrophoresis. <i>Analytical Sciences</i> , 2019, 35, 307-313.	1.6	6
15	Dispersion of Graphene in an Aqueous Solution with Poly(sodium 4-styrenesulfonate) Monitored by Capillary Electrophoresis. <i>Chromatography</i> , 2019, 40, 121-126.	1.7	3
16	Determination of Acid Dissociation Constants of Degradable Catecholamines by CZE. <i>Bunseki Kagaku</i> , 2019, 68, 871-876.	0.2	2
17	Effect of leaching conditions on the elution of metals from denitration catalyst wastes. <i>International Journal of Modern Physics B</i> , 2018, 32, 1840062.	2.0	0
18	Syntheses and properties of copper hydroxide nanosheets and controlled deposition. <i>International Journal of Modern Physics B</i> , 2018, 32, 1840047.	2.0	1

#	ARTICLE	IF	CITATIONS
19	A Rapid Enrichment Technique for the Ultratrace Determination of Nickel in Water Samples Using a Nanofiber-composite Membrane Filter. <i>Analytical Sciences</i> , 2018, 34, 907-912.	1.6	9
20	Copper Speciation for Natural Water by On-site Sample Treatment/Solid-phase Extraction/Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Sciences</i> , 2018, 34, 725-728.	1.6	14
21	A Triple-Electrode Based Dual-Biosensor System Utilizing Track-Etched Microporous Membrane Electrodes for the Simultaneous Determination of Lactate and D-Glucose. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1211-1216.	3.2	12
22	Solid-phase Visual Colorimetry for Trace As(III) Using a Nanofiber-composite Membrane Filter. <i>Bunseki Kagaku</i> , 2017, 66, 363-368.	0.2	2
23	Determination of Acid Dissociation Constants of Hydrochlorothiazide and Its Degradant through Measurement of the Effective Electrophoretic Mobilities in CZE. <i>Bunseki Kagaku</i> , 2017, 66, 509-514.	0.2	3
24	Migration Behavior of Carbon Nanotube in Capillary Electrophoresis with Sodium Dodecyl Sulfate and Water-Soluble Nonionic Polymer. <i>Chromatography</i> , 2017, 38, 101-106.	1.7	5
25	Determination of the Acid-Base Dissociation Constant of Acid-Degradable Hexamethylenetetramine by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2016, 32, 1327-1332.	1.6	9
26	Analysis of Acid Dissociation Equilibrium of Bupropion by Capillary Zone Electrophoresis After the Heat-Degradation. <i>Chromatography</i> , 2016, 37, 105-109.	1.7	4
27	Determination of Acid Dissociation Constant of Pravastatin under Degraded Conditions by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2015, 31, 1193-1196.	1.6	6
28	Equilibrium Analyses in Aqueous Solution under Accompanying Side Reactions by Capillary Zone Electrophoresis. <i>Bunseki Kagaku</i> , 2015, 64, 105-116.	0.2	4
29	Analysis of Chemical Equilibrium of Silicon-Substituted Fluorescein and Its Application to Develop a Scaffold for Red Fluorescent Probes. <i>Analytical Chemistry</i> , 2015, 87, 9061-9069.	6.5	49
30	Facile synthesis of platinum nanoparticle-containing porous carbons, and their application to amperometric glucose biosensing. <i>Mikrochimica Acta</i> , 2014, 181, 1871-1878.	5.0	12
31	Analysis of Ion-association Equilibrium of Precipitable Dipicrylamine Ion in Aqueous Solution by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2014, 30, 919-924.	1.6	2
32	Analysis of Acid Dissociation of Photo-degradable Haloperidol through the Measurement of Electrophoretic Mobility by Capillary Zone Electrophoresis. <i>Bunseki Kagaku</i> , 2014, 63, 643-648.	0.2	4
33	Speciation of Chromium(VI) and Selenium(IV and VI) by High-Performance Liquid Chromatography—Fluorometric Detection Using 2,3-Diaminonaphthalene as a Single Derivatizing Reagent. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1402-1406.	3.2	1
34	Analysis of Binding Equilibrium of Phenylalkylamines to Brij 58 Micelle through the Measurement of Electrophoretic Mobility by CZE. <i>Chromatography</i> , 2014, 35, 147-154.	1.7	1
35	Determination of polyamines in <i>Arabidopsis thaliana</i> by capillary electrophoresis using salicylaldehyde-5-sulfonate as a derivatizing reagent. <i>Analytical Methods</i> , 2013, 5, 2854.	2.7	4
36	Analysis of Fast and Slow Acid Dissociation Equilibria of 2,3,5-Tetrabromophenolphthalein and Determination of Its Equilibrium Constants by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2013, 29, 1067-1073.	1.6	1

#	ARTICLE	IF	CITATIONS
37	Determination of Acid Dissociation Constant of Degradable Tetrabromophenolphthalein Ethyl Ester by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2013, 29, 547-552.	1.6	14
38	Micellar Electrokinetic Chromatography of Graphene and Chemically Modified Graphenes with Dodecylbenzenesulfonate. <i>Analytical Sciences</i> , 2013, 29, 769-771.	1.6	9
39	Fabrication and Characterization of a Thermostable Quinoprotein Aldose Sugar Dehydrogenase Immobilized Electrode. <i>Analytical Sciences</i> , 2013, 29, 79-83.	1.6	2
40	Binding Analysis of 1-Alkyl-3-methylimidazolium Ions to Nonionic Surfactant Micelles by Capillary Zone Electrophoresis. <i>Bunseki Kagaku</i> , 2012, 61, 649-654.	0.2	2
41	Sensitive fluorimetric flow injection analysis for fluoride ion with a novel reagent, 2,7-dichlorofluorescein di-tert-butyl dimethylsilyl ether. <i>Talanta</i> , 2011, 84, 1361-1365.	5.5	9
42	Analysis of Complex Formation Equilibrium of Phenylalkylammonium Ions with 18-Crown-6 by Capillary Zone Electrophoresis. <i>Bunseki Kagaku</i> , 2010, 59, 709-713.	0.2	0
43	Weak Binding of N-Alkylpyridinium Ions to Nonionic Surfactant Micelles as Studied by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2010, 26, 625-627.	1.6	3
44	Simple Kits of Colorimeter and Potentiometer for High School and Undergraduate Student Education. <i>Bunseki Kagaku</i> , 2010, 59, 125-130.	0.2	1
45	Sensitization of Luminol Chemiluminescence with Complexing Agents and Surfactants in Sequential Injection Analysis. <i>Bunseki Kagaku</i> , 2010, 59, 715-719.	0.2	1
46	Synthesis of novel chitosan resin possessing histidine moiety and its application to the determination of trace silver by ICP-AES coupled with triplet automated-pretreatment system. <i>Analytica Chimica Acta</i> , 2009, 639, 51-56.	5.4	79
47	Monitoring of vitamin C species in aqueous solution by flow injection analysis coupled with an on-line separation with reversed-phase column. <i>Talanta</i> , 2009, 79, 1055-1060.	5.5	10
48	Pre-evaluation of metal ions as a catalyst on chemiluminometric sequential injection analysis with luminol-H ₂ O ₂ system. <i>Talanta</i> , 2009, 79, 1089-1093.	5.5	14
49	Adsorption behavior of uranium(VI) and other ionic species on cross-linked chitosan resins modified with chelating moieties. <i>Talanta</i> , 2009, 79, 1031-1035.	5.5	53
50	Synthesis of chitosan resin possessing a phenylarsonic acid moiety for collection/concentration of uranium and its determination by ICP-AES. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1927-1932.	3.7	31
51	Preconcentration and decomposition of perfluorinated carboxylic acids on an activated charcoal cartridge with sodium biphenyl reagent and its determination at 1/4 g L ⁻¹ level on the basis of flow injection-fluorimetric detection of fluoride ion. <i>Talanta</i> , 2008, 74, 1224-1230.	5.5	11
52	Sample Pretreatment Using Chitosan-based Chelating Resin for the Determination of Trace Metals in Seawater Samples by Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Sciences</i> , 2008, 24, 1537-1544.	1.6	16
53	Adsorption Properties of Ionic Species on Cross-linked Chitosans Modified with Catechol and Salicylic Acid Moieties. <i>Analytical Sciences</i> , 2008, 24, 665-668.	1.6	10
54	Adsorption Behavior of Cationic and Anionic Species on Chitosan Resins Possessing Amino Acid Moieties. <i>Analytical Sciences</i> , 2007, 23, 1431-1434.	1.6	27

#	ARTICLE	IF	CITATIONS
55	Ion-Association Extraction of Nitrobenzoate Ions with Tetrabutylammonium Ion into Nonionic Surfactant Micelles as Studied by Capillary Zone Electrophoresis. Bulletin of the Chemical Society of Japan, 2007, 80, 183-188.	3.2	2
56	Sequential-injection on-line preconcentration using chitosan resin functionalized with 2-amino-5-hydroxy benzoic acid for the determination of trace elements in environmental water samples by inductively coupled plasma-atomic emission spectrometry. Talanta, 2007, 72, 1609-1617.	5.5	60
57	Pseudo-homogeneous micelle extraction of ion-associates formed between tetrabutylammonium ion and some aromatic sulfonate ions into nonionic surfactant micelle studied through the mobility measurements in capillary zone electrophoresis. Journal of Chromatography A, 2007, 1141, 295-301.	3.7	5
58	Functionalization of chitosan with 3,4-dihydroxybenzoic acid for the adsorption/collection of uranium in water samples and its determination by inductively coupled plasma-mass spectrometry. Analytica Chimica Acta, 2007, 581, 214-220.	5.4	69
59	Flow-injection determination of total organic fluorine with off-line defluorination reaction on a solid sorbent bed. Analytica Chimica Acta, 2007, 600, 147-154.	5.4	15
60	Kinetic-spectrophotometric method for the determination of trace amounts of bromide in seawater. Talanta, 2006, 68, 951-956.	5.5	15
61	Chitosan as Cationic Polyelectrolyte for the Modification of Electroosmotic Flow and Its Utilization for the Separation of Inorganic Anions by Capillary Zone Electrophoresis. Analytical Sciences, 2006, 22, 1241-1244.	1.6	9
62	Development of Computer-Controlled Flow Injection Instruments and Its Application to Determination of Nitrate, Nitrite, and Ammonium Ions in Environmental Samples. Bunseki Kagaku, 2006, 55, 707-713.	0.2	9
63	Highly Efficient and Automatic Collection/Concentration with Chelating Resin for Inductively Coupled Plasma Atomic Emission Spectroscopy. Bunseki Kagaku, 2006, 55, 715-720.	0.2	5
64	Synthesis of a chitosan-based chelating resin and its application to the selective concentration and ultratrace determination of silver in environmental water samples. Analytica Chimica Acta, 2006, 558, 246-253.	5.4	100
65	Novel catalytic oxidative coupling reaction of N,N-dimethyl-p-phenylenediamine with 1,3-phenylenediamine and its applications to the determination of copper and iron at trace levels by flow injection technique. Analytica Chimica Acta, 2006, 576, 261-269.	5.4	21
66	Novel oxidation reaction of prochlorperazine with bromate in the presence of synergistic activators and its application to trace determination by flow injection/spectrophotometric method. Analytica Chimica Acta, 2006, 580, 68-74.	5.4	14
67	Determination of bromate ion in drinking water by capillary zone electrophoresis with direct photometric detection. Journal of Chromatography A, 2006, 1128, 298-302.	3.7	21
68	Ion-association extraction of nitrophenolate ions with tetrabutylammonium ion into nonionic surfactant micelle. Journal of Chromatography A, 2006, 1133, 353-360.	3.7	7
69	Synthesis of water-soluble phenylazosalicylaldehyde analogues and their application to capillary electrophoretic determination of primary amines. Electrophoresis, 2006, 27, 3460-3466.	2.4	2
70	Ion-Association Analysis between Inorganic Anions and Symmetrical Tetraalkylammonium Ions in Aqueous-Acetonitrile Media by Capillary Zone Electrophoresis. Bulletin of the Chemical Society of Japan, 2005, 78, 1457-1462.	3.2	1
71	Capillary zone electrophoretic studies of ion association between inorganic anions and tetraalkylammonium ions in aqueous "dioxane" media. Journal of Chromatography A, 2005, 1069, 261-270.	3.7	5
72	Fabrication and characterization of field-effect transistor device with C2v isomer of Pr@C82. Chemical Physics Letters, 2005, 409, 187-191.	2.6	30

#	ARTICLE	IF	CITATIONS
73	Fabrication of a logic gate circuit based on ambipolar field-effect transistors with thin films of C60 and pentacene. <i>Chemical Physics Letters</i> , 2005, 413, 379-383.	2.6	28
74	Fabrication of C60 field-effect transistors with polyimide and Ba _{0.4} Sr _{0.6} Ti _{0.96} O ₃ gate insulators. <i>Applied Physics Letters</i> , 2005, 87, 143506.	3.3	26
75	A chemiluminescence-based continuous flow aqueous ozone analyzer using photoactivated chromotropic acid. <i>Talanta</i> , 2005, 66, 823-830.	5.5	15
76	Evaluation of weak ion association between tetraalkylammonium ions and inorganic anions in aqueous solutions by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1022, 191-200.	3.7	23
77	An Investigation of Weak Ion Association Equilibria between Inorganic Anions and Tetraalkylammonium Ions in Ethanol-Aqueous Media Using Capillary Zone Electrophoresis. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 1465-1473.	3.2	8
78	Analysis of Ion-Association Reaction in Aqueous Solution and Its Utilization by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2004, 20, 255-265.	1.6	22
79	Development of a micro-flow titration method and application to acid-base titration. <i>Bunseki Kagaku</i> , 2004, 53, 1-6.	0.2	2
80	Determination of anionic surfactants using newly synthesized n-dialkyl-2,2'-thiacyanine dyes. <i>Bunseki Kagaku</i> , 2004, 53, 919-923.	0.2	1
81	Separation and determination of n-alkylamines by reversed-phase high-performance liquid chromatography coupled with merging zone derivatization to water-soluble Schiff bases. <i>Bunseki Kagaku</i> , 2004, 53, 723-728.	0.2	0
82	Investigation of salicylaldehyde-5-sulfonate as a precolumn derivatizing agent for the determination of n-alkane diamines, lysine, diaminopimelic acid, and isoniazid by capillary zone electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 30, 1523-1530.	2.8	19
83	Chemiluminometric Measurement of Atmospheric Ozone with Photoactivated Chromotropic Acid. <i>Analytical Chemistry</i> , 2003, 75, 5916-5925.	6.5	26
84	Highly sensitive determination of copper ion with newly synthesized water-soluble fluorescent reagents having a 1,8-diaminonaphthalene-3,6-disulfonic acid skeleton. <i>Bunseki Kagaku</i> , 2002, 51, 785-789.	0.2	1
85	Determination of trace metal impurities in nickel and iron salts using 2-(5-Nitro-2-pyridylazo)-5-(N-propyl-N-sulfopropyl-amino) phenol by capillary zone electrophoresis. <i>Bunseki Kagaku</i> , 2002, 51, 791-795.	0.2	3
86	Equilibrium Analysis of Reactions of Metal-Pyridylazoresorcinolato Chelates with Quaternary Ammonium Ion, Nonionic Surfactant and Polyethylene Glycol in Aqueous Solution by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 2002, 18, 1021-1025.	1.6	8
87	Highly Sensitive Determination Method for Total Carbonate in Water Samples by Flow Injection Analysis Coupled with Gas-Diffusion Separation. <i>Analytical Sciences</i> , 2001, 17, 1285-1290.	1.6	30
88	Equilibrium Analysis of Acid Dissociation Reactions of Phenolphthalein by Using Mobility Change in Capillary Zone Electrophoresis. <i>Chemistry Letters</i> , 2001, 30, 14-15.	1.3	16
89	Binding of Phenol Derivatives to Nonionic Surfactant Micelles as Studied by Capillary Zone Electrophoresis. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 2083-2089.	3.2	4
90	Analysis of complex formation between crown ethers and potassium ion by determining retention factors in reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 932, 165-170.	3.7	8

#	ARTICLE	IF	CITATIONS
91	Separation and determination of n-alkylamines and histamine by capillary zone electrophoresis using salicylaldehyde-5-sulfonate as a derivatizing reagent. <i>Journal of Chromatography A</i> , 2001, 934, 95-103.	3.7	19
92	Complex formation analysis of water-soluble calixarenes by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2001, 934, 113-122.	3.7	7
93	Simultaneous Determination of Trace Elements in River-water Samples by ICP-MS in Combination with a Discrete Microsampling Technique after Enrichment with a Chitosan-based Chelating Resin. <i>Analytical Sciences</i> , 2000, 16, 731-738.	1.6	27
94	Analysis of Reactions of Aromatic Anions with Quaternary Ammonium Ions in Ion Association-Nonionic Micellar Electrokinetic Chromatography. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 2505-2511.	3.2	7
95	Simultaneous Determination of Lanthanoids and Yttrium in Rock Reference Samples by Inductively Coupled Plasma-Mass Spectrometry Coupled with Cation Exchange Pretreatment. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 615-622.	3.2	7
96	Analysis of Ion Association Reactions between Monovalent Polycyclic Aromatic Cations and Anions in Aqueous Solution as Studied by Capillary Zone Electrophoresis. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 669-673.	3.2	7
97	Separation of various positional isomers of aromatic anions by nonionic micellar electrokinetic chromatography coupled with ion association distribution. <i>Journal of Separation Science</i> , 2000, 12, 107-112.	1.0	6
98	Equilibrium analysis of crown ether complexes by capillary zone electrophoresis. <i>Journal of Separation Science</i> , 2000, 12, 113-119.	1.0	16
99	Separation and determination of haloperidol, parabens and some of their degradation products by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2000, 903, 271-278.	3.7	31
100	Ion association reactions in aqueous solutions between non-UV-absorbing crown ether-alkali metal complexes with picrate ion by capillary zone electrophoresis. <i>Analyst, The</i> , 2000, 125, 1928-1932.	3.5	12
101	Analysis of ion association reactions in aqueous solutions between alkali metal-crown ether complexes and pairing anions by capillary zone electrophoresis. <i>Analyst, The</i> , 2000, 125, 699-703.	3.5	11
102	Equilibrium analysis of reactions between aromatic anions and nonionic surfactant micelles by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1999, 853, 55-61.	3.7	25
103	Electrophoretic mobility study on ion-ion interactions in an aqueous solution. <i>Journal of Chromatography A</i> , 1999, 853, 63-69.	3.7	20
104	Separation of inorganic anions for analysis of sea-water by capillary zone electrophoresis. <i>Analytical Communications</i> , 1999, 36, 139-141.	2.2	19
105	Novel Approach to the Reaction Analysis of Non-UV-Absorbing Crown Ether with Alkali Metal Ions in Aqueous Solution by Capillary Zone Electrophoresis Using Indirect Photometric Detection. <i>Chemistry Letters</i> , 1999, 28, 523-524.	1.3	2
106	Ion Association of Primary Ammonium Ions with Aromatic Anions by Capillary Zone Electrophoresis. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 1785-1791.	3.2	11
107	Analysis of Reactions between Crown Ethers and Alkali or Alkaline Earth Metal Cations in Aqueous Solutions by Capillary Zone Electrophoresis. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 1301-1306.	3.2	15
108	Ion-Association Study of Methyl Orange Analogues with Quaternary Ammonium Ions in Aqueous Solution by Capillary Zone Electrophoresis. <i>Analytical Sciences</i> , 1999, 15, 593-596.	1.6	10

#	ARTICLE	IF	CITATIONS
109	Analysis of Ion Association Reaction between Crown Ether Complexes of Alkali Metal Ions and Hydrophobic Anions by Capillary Zone Electrophoresis. Bulletin of the Chemical Society of Japan, 1998, 71, 1373-1379.	3.2	20
110	Direct Photometric Determination of Tungstate Ion in the Etching Solutions by Capillary Zone Electrophoresis.. Analytical Sciences, 1998, 14, 1181-1183.	1.6	2
111	Equilibrium Study on the Ion Association of Monovalent and Divalent Naphtholsulfonates with Tetrabutylammonium Ion in an Aqueous Solution by Capillary Zone Electrophoresis.. Analytical Sciences, 1998, 14, 311-315.	1.6	10
112	Roles of Interfacial Functions in Analytical Chemistry. Kinetic study of the formation of triphenylmethanols from cationic triphenylmethane dyes in the presence of nonionic surfactant micelles.. Bunseki Kagaku, 1998, 47, 953-958.	0.2	0
113	New Developments in Capillary Electrophoresis. Application of Capillary Electrophoresis to Quantitative Analysis and Characterization. Analysis of ion-association reactions between quaternary ammonium ions and monovalent organic anions by capillary zone electrophoresis.. Bunseki Kagaku, 1997, 46, 467-475.	0.2	11
114	Ion Association Reaction between Divalent Anionic Azo Dyes and Hydrophobic Quaternary Ammonium Ions in Aqueous Solution as Studied by Capillary Zone Electrophoresis. Analytical Sciences, 1997, 13, 11-18.	1.6	23
115	Thermodynamic Study of Ion-Association Reactions between Aromatic Anions and Tetrabutylammonium Ion in an Aqueous Solution. Analytical Sciences, 1997, 13, 783-789.	1.6	7
116	Ion Association Study in Aqueous Solution Using Capillary Electrophoresis.. Analytical Sciences, 1997, 13, 239-242.	1.6	4
117	Electrophoretic Mobility Study of Ion Association Between Aromatic Anions and Quaternary Ammonium Ions in Aqueous Solution. Analyst, The, 1997, 122, 57-62.	3.5	63
118	Separation of Divalent Aromatic Anions by Capillary Zone Electrophoresis Using Multipoint Ion Association With Divalent Quaternary Ammonium Ions. Analyst, The, 1997, 122, 1387-1392.	3.5	32
119	Separation and Direct Photometric Determination of Inorganic Anions by Capillary Zone Electrophoresis Using Suppressed Electroosmosis.. Analytical Sciences, 1996, 12, 575-579.	1.6	15
120	Direct photometric detection of inorganic anions by capillary zone electrophoresis using stacking effect of sulfate ion on sample ions.. Bunseki Kagaku, 1996, 45, 697-699.	0.2	3
121	Analysis of Ion Association Property of Aromatic Divalent Anions with Quaternary Ammonium Ions in Aqueous Solution through Mobility Change of Capillary Electrophoresis. Chemistry Letters, 1995, 24, 593-594.	1.3	11
122	5,7-Dimethyl-8-quinolinol as a Specific Non-extracting Reagent for Lanthanide Ions at Usual pH Region. Chemistry Letters, 1994, 23, 687-690.	1.3	4
123	Ion-Associate Solvent Extraction and Separation of Lanthanides(III) with 2,3-Naphthalenediol and Benzyltrimethyltetradecylammonium Chloride. Bulletin of the Chemical Society of Japan, 1994, 67, 1835-1839.	3.2	10
124	Highly stable gold nanoparticles in an aqueous solution without any stabilizer prepared by a solution plasma process evaluated through capillary zone electrophoresis. Analytical Sciences, 0, , .	1.6	5