

Hitoshi Watarai

List of Publications by Year in descending order

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173
papers

3,523
citations

136885

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#	ARTICLE	IF	CITATIONS
1	Generation of circular dichroism from superposed porphyrin films. <i>Chirality</i> , 2021, 33, 242-247.	1.3	4
2	Critical Detection of Agglomeration of Magnetic Nanoparticles by Magnetic Orientational Linear Dichroism. <i>Langmuir</i> , 2020, 36, 12414-12422.	1.6	4
3	Magnetophoretic mole-ratio method in solvent extraction systems. <i>Analytica Chimica Acta</i> , 2020, 1111, 60-66.	2.6	3
4	Laser-thermophoresis and magnetophoresis of a micro-bubble in organic liquids. <i>AIP Advances</i> , 2020, 10, 125126.	0.6	3
5	Magnetic Orientational Linear Dichroism Spectra of Magnetic Nanoparticles as a Probe of the Dispersion State. <i>Analytical Sciences</i> , 2019, 35, 951-954.	0.8	3
6	Enhanced modulation of magnetic field on surface plasmon coupled emission (SPCE) by magnetic nanoparticles. <i>Chinese Chemical Letters</i> , 2019, 30, 2173-2176.	4.8	7
7	Falling velocity magnetometry of ferromagnetic microparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 462, 22-28.	1.0	2
8	Magnetophoretic Mole-Ratio Method. <i>Analytical Chemistry</i> , 2017, 89, 10141-10146.	3.2	4
9	Electromagnetophoretic Micro-convection around a Droplet in a Capillary. <i>Analytical Sciences</i> , 2017, 33, 1013-1019.	0.8	5
10	Structural Evaluation of the Aggregate of Palladium(II)-Pyridylazophenol Complex at the Heptane-Water Interface by the Centrifugal Liquid Membrane Method. <i>Solvent Extraction Research and Development</i> , 2017, 24, 105-111.	0.5	0
11	Chiral Recognition of 2-Alkylalcohols with Magnetic Circular Dichroism Measurement of Porphyrin J-Aggregate on Silica Gel Plate. <i>Analytical Chemistry</i> , 2016, 88, 4619-4623.	3.2	14
12	Electromagnetophoretic Dynamic Force Measurement of Particle-Wall Interaction in Solution; Effects of pH and Metal Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1487-1492.	2.0	3
13	Chiral Interaction between Bilirubin and Poly-L-lysine at Liquid-Liquid Interface. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1716-1718.	2.0	1
14	Modulation of surface plasmon coupled emission (SPCE) by a pulsed magnetic field. <i>Chemical Communications</i> , 2015, 51, 12320-12323.	2.2	9
15	Zero-velocity Magnetophoretic Method for the Determination of Particle Magnetic Susceptibility. <i>Analytical Sciences</i> , 2014, 30, 745-749.	0.8	8
16	Induced Optical Chirality of Porphyrin J-Aggregates with 2-Alkyl Alcohol in a Microemulsion System. <i>Chemistry Letters</i> , 2014, 43, 1257-1259.	0.7	2
17	Continuous Separation Principles Using External Microaction Forces. <i>Annual Review of Analytical Chemistry</i> , 2013, 6, 353-378.	2.8	23
18	Alignment and Chirality of Porphyrin J Aggregates Formed at the Liquid-Liquid Interface of a Centrifugal Liquid Membrane Cell. <i>Langmuir</i> , 2013, 29, 7249-7256.	1.6	13

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19	Faraday Rotation Dispersion Microscopy Imaging of Diamagnetic and Chiral Liquids with Pulsed Magnetic Field. <i>Analytical Chemistry</i> , 2013, 85, 5176-5183.	3.2	7
20	Laser-photophoretic migration and fractionation of human blood cells. <i>Analytica Chimica Acta</i> , 2013, 777, 86-90.	2.6	2
21	Magnetic-Force Quartz Crystal Microbalance for the Detection of Chemical Interactions. <i>Analytical Sciences</i> , 2012, 28, 833-836.	0.8	1
22	Kinetic characteristics of enhanced photochromism in tungsten oxide nanocolloid adsorbed on cellulose substrates, studied by total internal reflection Raman spectroscopy. <i>RSC Advances</i> , 2012, 2, 2128.	1.7	18
23	Brownian motion-magnetophoresis of nano/micro-particles. <i>Analyst, The</i> , 2012, 137, 4123.	1.7	7
24	Chiral recognition of 2-alkyl alcohols with porphyrin J-nanoaggregates at the liquid-liquid interface. <i>Analyst, The</i> , 2012, 137, 3238.	1.7	7
25	Two-dimensional flow magnetophoresis of microparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2645-2653.	1.9	17
26	Raman optical activity study on insulin amyloid and prefibril intermediate. <i>Chirality</i> , 2012, 24, 97-103.	1.3	36
27	An overview on education of analytical chemistry in Japan. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1399-1404.	1.9	0
28	Magnetoanalysis of micro/nanoparticles: A review. <i>Analytica Chimica Acta</i> , 2011, 690, 137-147.	2.6	93
29	Chiral Analysis of Amino Acids by Synergistic Heteroaggregation with Porphyrins at Liquid-Liquid Interface. <i>Chemistry Letters</i> , 2011, 40, 303-305.	0.7	4
30	Magnetic Susceptibility Measurement of Single Micro-Particle by Magnetophoretic Velocimetry. <i>Bunseki Kagaku</i> , 2010, 59, 895-902.	0.1	1
31	Nano-Gap Magnetophoresis with Raman Spectroscopic Detection. <i>Analytical Sciences</i> , 2010, 26, 1211-1213.	0.8	3
32	Effect of static magnetic fields on the budding of yeast cells. <i>Bioelectromagnetics</i> , 2010, 31, 622-629.	0.9	14
33	Incident circularly polarized Raman optical activity spectrometer based on circularity conversion method. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1664-1669.	1.2	17
34	Structural Analysis of Valinomycin in Solution Studied by Raman Optical Activity. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	2
35	SERS Study of Rotational Isomerization of Cysteamine Induced by Magnetic Pulling Force. <i>Langmuir</i> , 2010, 26, 4848-4853.	1.6	9
36	Controllable Adsorption and Ideal H-Aggregation Behaviors of Phenothiazine Dyes on the Tungsten Oxide Nanocolloid Surface. <i>Langmuir</i> , 2010, 26, 117-125.	1.6	34

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37	Dynamic electromagnetophoretic force analysis of a single binding interaction between lectin and mannan polysaccharide on yeast cell surface. <i>Analyst</i> , The, 2010, 135, 1426.	1.7	13
38	Magnetophoretic Measurements of Interfacial Magnetic Susceptibility of Micro-Organic Droplet. <i>Journal of Ion Exchange</i> , 2010, 21, 41-47.	0.1	0
39	Microscopic Faraday rotation measurement system using pulsed magnetic fields. <i>Review of Scientific Instruments</i> , 2009, 80, 093705.	0.6	13
40	Measuring the optical chirality of molecular aggregates at liquid-liquid interfaces. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1033-1046.	1.9	9
41	Effect of chloroform on complexation and chiral aggregation of bilirubin-bovine serum albumin at heptane/water interface. <i>Journal of Colloid and Interface Science</i> , 2009, 329, 325-330.	5.0	2
42	Effective Transition Probability for the Faraday Effect of Lanthanide(III) Ion Solutions. <i>Journal of the American Chemical Society</i> , 2009, 131, 6328-6329.	6.6	20
43	Microscopic Measurement of Second Harmonic Generation from Chiral Surfaces. <i>Analytical Sciences</i> , 2009, 25, 311-314.	0.8	5
44	Simple and Precise Size-Separation of Microparticles by a Nano-Gap Method. <i>Analytical Sciences</i> , 2009, 25, 605-610.	0.8	5
45	Sensitive light-scattering detection-magnetophoretic acceleration mass analysis of single microparticles in an atmosphere. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 701-707.	1.9	6
46	Magnetic susceptibility measurement of single iron/cobalt carbonyl microcrystal by atmospheric magnetophoresis. <i>Science and Technology of Advanced Materials</i> , 2008, 9, 024215.	2.8	1
47	In Situ Measurements of Aggregation and Disaggregation of Cu(II) Complex at Liquid/Liquid Interface. <i>Analytical Chemistry</i> , 2008, 80, 8348-8352.	3.2	6
48	Counterion-Dependent Morphology of Porphyrin Aggregates Formed at the Liquid/Liquid Interface Studied by Total Internal Reflection Resonant Rayleigh and Raman Scattering Microscopy. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12417-12424.	1.5	9
49	Linear Dichroism of Zn(II)-Tetrapyrrolylporphyrin Aggregates Formed at the Toluene/Water Interface. <i>Langmuir</i> , 2008, 24, 4722-4728.	1.6	11
50	Magnetophoretic Evaluation of Interfacial Adsorption of Dysprosium(III) on a Single Microdroplet. <i>Analytical Sciences</i> , 2008, 24, 133-137.	0.8	18
51	Microscopic Measurement of Circular Dichroism Spectra. <i>Analytical Sciences</i> , 2008, 24, 297-300.	0.8	13
52	Chapter 11 Measurement of Complex Formation and Aggregation at the Liquid-Liquid Interface. <i>Interface Science and Technology</i> , 2007, 14, 277-308.	1.6	0
53	Electromagnetophoretic Force Measurement of a Single Binding Interaction between Lectin and Yeast Cell Surfaces. <i>Analytical Sciences</i> , 2007, 23, 121-126.	0.8	19
54	Resonance Raman Spectroscopic Study on Chiral Aggregation of Bilirubin-Bovine Serum Albumin Complex Formed at Liquid/Liquid Interface. <i>Analytical Sciences</i> , 2007, 23, 841-846.	0.8	10

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55	Effects of Pulsed and Static Magnetic Fields on Surface Tension Measurement by Drop Volume Method. Bunseki Kagaku, 2007, 56, 505-509.	0.1	3
56	Optical chirality of protonated tetraphenylporphyrin J-aggregate formed at the liquid-liquid interface in a centrifugal liquid membrane cell. Journal of Physics Condensed Matter, 2007, 19, 375105.	0.7	16
57	Chiral complexation and aggregation of bilirubin with serum albumin at a liquid/liquid interface. Analytical and Bioanalytical Chemistry, 2007, 389, 895-902.	1.9	9
58	Two-phase Couette flow linear dichroism measurement of the shear-forced orientation of a palladium(ii)-induced aggregate of thioether-derivatised subphthalocyanines at the toluene/glycerol interface. New Journal of Chemistry, 2006, 30, 343.	1.4	16
59	Formation of Helical J-Aggregate of Chiral Thioether-Derivatized Phthalocyanine Bound by Palladium(II) at the Toluene/Water Interface. Langmuir, 2006, 22, 1630-1639.	1.6	66
60	Magnetophoretic Velocity Modulation Mass Analysis of a Single Microparticle in an Atmosphere. Analytical Chemistry, 2006, 78, 6660-6663.	3.2	15
61	Ion-Association Aggregation of an Anionic Porphyrin at the Liquid/Liquid Interface Studied by Second Harmonic Generation Spectroscopy. Langmuir, 2006, 22, 2482-2486.	1.6	26
62	Binding Behavior of Subphthalocyanine-Tagged Testosterone with Human Serum Albumin at then-Hexane/Water Interface. Analytical Chemistry, 2006, 78, 6840-6846.	3.2	26
63	Electromagnetophoretic Measurements of Adsorption Forces of Polystyrene Microparticles on Silica Surfaces in Surfactant Solutions. Bulletin of the Chemical Society of Japan, 2006, 79, 47-52.	2.0	12
64	Magnetic Susceptibility Measurements of Solutions by Surface Nanodisplacement Detection. Analytical Sciences, 2006, 22, 1157-1162.	0.8	5
65	Size sorting of biological micro-particles by Newton-ring nano-gap device. Journal of Chromatography A, 2006, 1106, 205-210.	1.8	6
66	Measurement of hydrolysis kinetics of galactose-substituted fluorescein by β -galactosidase at the toluene-water interface by spinning microtube fluorometry. Analytical and Bioanalytical Chemistry, 2006, 385, 1430-1438.	1.9	4
67	Magnetophoretic study of photo-induced spin transition of single crystalline particles of cobalt-iron Prussian blue analogues. Science and Technology of Advanced Materials, 2006, 7, 373-379.	2.8	6
68	Control of optically active structure of thioether-phthalocyanine aggregates by chiral Pd(II)-BINAP complexes in toluene and at the toluene/water interface. Chirality, 2006, 18, 599-608.	1.3	31
69	Site-Selective Formation of Optically Active Inclusion Complexes of Alkoxo-Subphthalocyanines with β -Cyclodextrin at the Toluene/Water Interface. Chemistry - A European Journal, 2006, 12, 4249-4260.	1.7	15
70	New principle of electromagnetophoretic adsorption-desorption microchromatography. Journal of Chromatography A, 2005, 1073, 93-98.	1.8	12
71	Measurement of dielectrophoretic mobility of single micro-particles in a flow channel. Analyst, The, 2005, 130, 1340.	1.7	9
72	Aggregation of thioether-substituted subphthalocyanines with palladium(ii) at the toluene-water interface. Soft Matter, 2005, 1, 292.	1.2	20

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73	Lactone Cleavage Reaction Kinetics of Rhodamine Dye at Liquid/Liquid Interfaces Studied by Micro-Two-Phase Sheath Flow/Two-Photon Excitation Fluorescence Microscopy. <i>Langmuir</i> , 2005, 21, 1299-1304.	1.6	16
74	Interfacial aggregation of thioether-substituted phthalocyaninatomagnesium(ii)â€‘palladium(ii) complexes in the toluene/water system. <i>Journal of Materials Chemistry</i> , 2005, 15, 4701.	6.7	29
75	Single Molecule Diffusion and Metal Complex Formation at Liquid/Liquid Interfaces. , 2005, , 205-231.		0
76	Magnetophoresis and electromagnetophoresis of microparticles in liquids. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1693-1699.	1.9	92
77	High-magnetic-field electromagnetophoresis of micro-particles in a capillary flow system. <i>Journal of Chromatography A</i> , 2004, 1032, 165-171.	1.8	35
78	Interfacial aggregate growth process of Fe(II) and Fe(III) complexes with pyridylazophenol in solvent extraction system. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 560-569.	5.0	14
79	Non-linear optical activity of porphyrin aggregate at the liquid/liquid interface. <i>Chemical Physics Letters</i> , 2004, 394, 349-353.	1.2	43
80	Micro-particle sorting by Newton-ring device. <i>Chemical Communications</i> , 2004, , 2772.	2.2	7
81	Magnetophoretic detection of photo-induced spin transitionElectronic supplementary information (ESI) available: movie files showing the magnetophoretic behaviours of compounds 1, 2 and 3. See http://www.rsc.org/suppdata/cc/b4/b403386h/ . <i>Chemical Communications</i> , 2004, , 1656.	2.2	12
82	Interfacial kinetics of synergistic extraction of samarium(iii) studied by micro-two-phase sheath flow/fluorescence microscopy. <i>Analyst</i> , The, 2004, 129, 1099.	1.7	10
83	Laser Photophoretic Migration with Periodic Expansion~Contraction Motion of Photo-Absorbing Microemulsion Droplets in Water. <i>Langmuir</i> , 2004, 20, 10791-10797.	1.6	24
84	Adsorption Equilibria of Novel Phthalocyaninatomagnesium(II) Derivatives with Thioethers at the Toluene/Water Interface. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 2011-2020.	2.0	16
85	New Principle of Magnetophoretic Velocity Mass Analysis. <i>Analytical Sciences</i> , 2004, 20, 1483-1485.	0.8	10
86	Measurement of Circular Dichroism Spectra of Liquid/Liquid Interface by Centrifugal Liquid Membrane Method. <i>Analytical Sciences</i> , 2004, 20, 1489-1491.	0.8	30
87	Complex Formation of Copper(II) and Iron(II) with Octadecyloxythiazolylazophenol at the Heptane-Water Interface. <i>Analytical Sciences</i> , 2004, 20, 1543-1547.	0.8	9
88	Surface-Enhanced Raman Scattering from Oleate-Stabilized Silver Colloids at a Liquid/Liquid Interface. <i>Analytical Sciences</i> , 2004, 20, 1347-1352.	0.8	45
89	Migration Analysis of Micro-Particles in Liquids Using Microscopically Designed External Fields. <i>Analytical Sciences</i> , 2004, 20, 423-434.	0.8	43
90	Microgravity laser-photophoresis of high density microparticles in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 220, 279-284.	2.3	13

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91	Magnetophoretic velocity of microorganic droplets adsorbed by dysprosium(III) laurate in water. <i>Journal of Chromatography A</i> , 2003, 1013, 3-8.	1.8	18
92	Total Internal Reflection Resonance Raman Microspectroscopy for the Liquid/Liquid Interface. Ion-Association Adsorption of Cationic Mn(III) Porphine. <i>Langmuir</i> , 2003, 19, 2658-2664.	1.6	37
93	Interfacial Adsorption of 5-Octyloxymethyl-8-quinolinol over a Range of pH. <i>Solvent Extraction and Ion Exchange</i> , 2003, 21, 41-51.	0.8	1
94	Molecular Recognition of Diazine Isomers and Purine Bases by the Aggregation of Palladium(II)-Pyridylazo Complex at the Toluene/Water Interface. <i>Langmuir</i> , 2003, 19, 4645-4651.	1.6	16
95	Lateral Diffusion Dynamics for Single Molecules of Fluorescent Cyanine Dye at the Free and Surfactant-Modified Dodecane/Water Interface. <i>Langmuir</i> , 2003, 19, 4197-4204.	1.6	30
96	Capillary electrophoresis of nucleobases and nucleosides detected by TOF/MS. <i>Bunseki Kagaku</i> , 2003, 52, 1203-1208.	0.1	1
97	Effects of Viability and Lectin Protein Binding on Dielectrophoretic Behavior of Single Yeast Cells.. <i>Analytical Sciences</i> , 2003, 19, 27-31.	0.8	17
98	Simultaneous Measurement of the Migration Velocity and Adsorption Force of Micro-Particles Using an Electromagnetophoretic Force under a High Magnetic Field.. <i>Analytical Sciences</i> , 2003, 19, 33-37.	0.8	15
99	Fabrication of a centrifugal liquid membrane cell for a direct spectroscopic measurement of electrolytic reaction in two-phase liquid-membrane system. <i>Bunseki Kagaku</i> , 2003, 52, 701-705.	0.1	1
100	In Situ Measurement of Aggregate Formation Kinetics of Nickel(II)-Pyridylazoaminophenol Complex at the Heptane-Water Interface by Centrifugal Liquid Membrane Spectrophotometry. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1379-1386.	2.0	11
101	Periodic Expansion-contraction Motion of Photoabsorbing Organic Droplets during Laser Photophoretic Migration in Water. <i>Chemistry Letters</i> , 2003, 32, 254-255.	0.7	12
102	Kinetic Study of Fast Complexation of Zinc(II) with 8-Quinolol and 5-Octyloxymethyl-8-Quinolol at 1-Butanol/Water Interface by Two-Phase Sheath Flow/Laser-Induced Fluorescence Microscopy. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1569-1576.	2.0	15
103	Interfacial Nanochemistry in Liquid-Liquid Extraction Systems. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1471-1492.	2.0	44
104	Measurement of Complexation Rate of Palladium(II) with Pyridylazo Ligand at the Heptane- Water Interface by Centrifugal Liquid Membrane-resonance Raman Microprobe Spectroscopy. <i>Chemistry Letters</i> , 2003, 32, 218-219.	0.7	7
105	Fabrication of planar multipole microelectrodes for dielectrophoresis by laser ablation.. <i>Bunseki Kagaku</i> , 2002, 51, 767-773.	0.1	5
106	Measurement of laser-photophoresis of a single microparticle dispersed in a liquid under microgravity.. <i>Bunseki Kagaku</i> , 2002, 51, 775-778.	0.1	1
107	Direct Electrospray Ionization Mass Spectroscopic Measurement of Micro-Flow Oil/Water System.. <i>Analytical Sciences</i> , 2002, 18, 367-368.	0.8	14
108	Anomalous Laser Photophoretic Behavior of Photo-Absorbing Organic Droplets in Water. <i>Chemistry Letters</i> , 2002, 31, 788-789.	0.7	10

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109	Magnetophoretic Velocimetry of Manganese(II) in a Single Microdroplet in a Flow System under a High Gradient Magnetic Field Generated with a Superconducting Magnet. <i>Analytical Chemistry</i> , 2002, 74, 5027-5032.	3.2	31
110	Azo-Imine Resonance in Palladium(II)-Pyridylazo Complex Adsorbed at Liquid-Liquid Interfaces Studied by Centrifugal Liquid Membrane-Resonance Raman Microprobe Spectroscopy. <i>Langmuir</i> , 2002, 18, 10292-10297.	1.6	23
111	Kinetics for acid-dissociation of tetraphenylporphinetetrasulfonate in the ground state measured by laser photolysis relaxation method. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1592-1597.	1.3	3
112	Capillary magnetophoresis of human blood cells and their magnetophoretic trapping in a flow system. <i>Journal of Chromatography A</i> , 2002, 961, 3-8.	1.8	80
113	MOLECULAR DYNAMICS SIMULATION OF INTERFACIAL ADSORPTION OF 2-HYDROXY OXIME AT HEPTANE/WATER INTERFACE. <i>Solvent Extraction and Ion Exchange</i> , 2001, 19, 155-166.	0.8	14
114	Flow Fractionation of Microparticles under a Dielectrophoretic Field in a Quadrupole Electrode Capillary. <i>Analytical Chemistry</i> , 2001, 73, 5661-5668.	3.2	23
115	In Situ Fluorescence Imaging and Time-Resolved Total Internal Reflection Fluorometry of Palladium(II)-Tetrapyridylporphine Complex Assembled at the Toluene-Water Interface. <i>Langmuir</i> , 2001, 17, 5337-5342.	1.6	37
116	Magnetophoretic Behavior of Single Polystyrene Particles in Aqueous Manganese(II) Chloride.. <i>Analytical Sciences</i> , 2001, 17, 1233-1236.	0.8	66
117	Direct Spectrophotometric Measurements of Acid-catalyzed Complexation of Palladium(II) with 2-(5-Bromo-2-pyridylazo)-5-diethylaminophenol at the Heptane/Water Interface by a Centrifugal Liquid Membrane Method.. <i>Analytical Sciences</i> , 2001, 17, 1313-1319.	0.8	16
118	Axial Hydration and Adsorption of Chloro(5,10,15,20-tetraphenylporphyrinato)manganese(III) at the Toluene/Water Interface, Studied by External Reflection Spectrophotometry. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 1885-1890.	2.0	15
119	Dielectrophoretic Behavior of Single DNA in Planar and Capillary Quadrupole Microelectrodes. <i>Chemistry Letters</i> , 2001, 30, 250-251.	0.7	20
120	Resonance Raman Spectroscopic Detection of Pyridylazo Complex Formed at Liquid-Liquid Interface in Centrifugal Liquid Membrane System. <i>Chemistry Letters</i> , 2001, 30, 1238-1239.	0.7	10
121	Microscopic Fluorescence Measurement of Fast Interfacial Complexation by Two-Phase Sheath Flow Method. <i>Chemistry Letters</i> , 2001, 30, 204-205.	0.7	10
122	Migration mechanism of bases and nucleosides in oil-in-water microemulsion capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 3438-3443.	1.3	27
123	Kinetic complexation mechanisms of Ni(II) and Zn(II) with a pyridylazo-ligand at liquid-liquid interfaces. <i>Analytica Chimica Acta</i> , 2001, 447, 247-254.	2.6	19
124	Magnetophoretic Velocimetry of Manganese(II) in a Single Emulsion Droplet at the Femtomole Level. <i>Analytical Chemistry</i> , 2001, 73, 5214-5219.	3.2	50
125	Migration of Polystyrene Microparticles in Aqueous Media Caused by Electromagnetic Buoyancy.. <i>Analytical Sciences</i> , 2000, 16, 5-9.	0.8	19
126	Kinetic study of Ni(II) and Zn(II) complexation with a pyridylazo extractant by a centrifugal liquid membrane method. <i>Analytica Chimica Acta</i> , 2000, 419, 107-114.	2.6	25

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127	Size Dependence of Laser-Photophoretic Efficiency of Polystyrene Microparticles in Water. <i>Langmuir</i> , 2000, 16, 8539-8542.	1.6	30
128	Positive Dielectrophoretic Mobilities of Single Microparticles Enhanced by the Dynamic Diffusion Cloud of Ions. <i>Langmuir</i> , 2000, 16, 3866-3872.	1.6	41
129	Isomer recognizing adsorption of palladium(II) at 2-(5-bromo-2-pyridylazo)-5-diethylaminophenol with diazine derivatives at the toluene-water interface. <i>Analytica Chimica Acta</i> , 1999, 394, 23-31.	2.6	8
130	Time-resolved total internal reflection fluorometry of ternary europium(III) complexes formed at the liquid/liquid interface. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 2949-2951.	1.3	34
131	Heterogeneous Fluorescence Quenching Reaction between (5,10,15,20-Tetraphenylporphyrinato)zinc(II) and Methylviologen at Dodecane-Water Interface. <i>Chemistry Letters</i> , 1999, 28, 701-702.	0.7	16
132	Transient Attenuated Total Internal Reflection Spectroscopy to Measure the Relaxation Kinetics of Triplet State of Tetra(N-methylpyridinium-4-yl)porphine at Liquid-Liquid Interface. <i>Chemistry Letters</i> , 1999, 28, 89-90.	0.7	18
133	Acid-catalyzed interfacial complexation in the extraction kinetics of palladium(II) with 2-(5-bromo-2-pyridylazo)-5-diethylaminophenol. <i>Analytica Chimica Acta</i> , 1998, 364, 53-62.	2.6	35
134	Comparison of three different microemulsion systems as the run buffer for the capillary electrophoretic separation of ketone test solutes. <i>Analytical Communications</i> , 1998, 35, 289-292.	2.2	12
135	Formation and interfacial adsorption of the $[\mu\text{-oxo}]$ dimer of (5,10,15,20-tetraphenylporphyrinato)iron(III) in dodecane/aqueous acid systems. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 247-252.	1.7	18
136	Direct Spectrophotometric Measurement of Demetalation Kinetics of 5,10,15,20-Tetraphenylporphyrinatozinc(II) at the Liquid-Liquid Interface by a Centrifugal Liquid Membrane Method. <i>Analytical Chemistry</i> , 1998, 70, 2860-2865.	3.2	92
137	Dielectrophoretic Separation of Single Microparticles with Quadrupole Microelectrode. <i>Chemistry Letters</i> , 1998, 27, 279-280.	0.7	8
138	Catalytic Effect of N,N-Dimethyl-4-(2-pyridylazo)aniline on the Extraction Rate of Ni(II) with 1-(2-Pyridylazo)-2-naphthol: Ligand-Substitution Mechanism at the Liquid-Liquid Interface. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 603-608.	2.0	20
139	Evaluation of the Interfacial Adsorptivity of 2-Hydroxy-5-nonylbenzophenone Oxime by a Molecular Dynamics Simulation. <i>Analytical Sciences</i> , 1998, 14, 237-239.	0.8	15
140	Roles of Interfacial Functions in Analytical Chemistry. Orientation of water-soluble porphyrin incorporated with surfactant admicelles at a glass-aqueous solution interface by means of variable-angle total internal-reflection spectroscopy. <i>Bunseki Kagaku</i> , 1998, 47, 1041-1047.	0.1	1
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