

Koji Otsuka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177
papers

8,665
citations

45
h-index

90
g-index

185
ext. papers

9,103
ext. citations

4
avg. IF

5.86
L-index

#	Paper	IF	Citations
177	Moderate molecular recognitions on ZnO m-plane and their selective capture/release of bio-related phosphoric acids. <i>Nanoscale Advances</i> , 2022 , 4, 1649-1658	5.1	
176	Recent advances in microscale separation techniques for lipidome analysis. <i>Analyst, The</i> , 2021 , 146, 7418-7430	5.7	2
175	Study on magnetic thermal seeds coated with thermal-responsive molecularly imprinted polymers. <i>Nanocomposites</i> , 2021 , 7, 215-225	3.4	
174	Hydrogels in Electrophoresis: Applications and Advances. <i>Analytical Sciences</i> , 2021 , 37, 807-816	1.7	0
173	Development of a database strategy based on liquid chromatography-quadrupole time-of-flight mass spectrometry for the screening of 75 estrogenic chemicals from treated sewage effluent. <i>Separation Science Plus</i> , 2021 , 4, 286-295	1.1	
172	Poly(ethylene glycol) Hydrogels with a Boronic Acid Monomer via Molecular Imprinting for Selective Removal of Quinic Acid Gamma-Lactone in Coffee. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 226-232	4.3	2
171	Fluorescent detection of target proteins a molecularly imprinted hydrogel. <i>Analytical Methods</i> , 2021 , 13, 3086-3091	3.2	0
170	Substituted -vinyl-BODIPY as thiol-selective fluorogenic probes for sensing unfolded proteins in the endoplasmic reticulum. <i>Chemical Communications</i> , 2021 , 57, 1818-1821	5.8	8
169	Simple chemical detection based on a surface-modified electroosmotic pump via interval immobilization. <i>Analytical Methods</i> , 2021 , 13, 1559-1564	3.2	
168	Recent developments of point-of-care (POC) testing platform for biomolecules. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 135, 116-160	14.6	12
167	Rational Strategy for Space-Confined Seeded Growth of ZnO Nanowires in Meter-Long Microtubes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 16812-16819	9.5	1
166	Carbon-Based Nanomaterials for Separation Media. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 482-489	5.1	12
165	Tunable Liquid Chromatographic Separation of H/D Isotopologues Enabled by Aromatic π Interactions. <i>Analytical Chemistry</i> , 2020 , 92, 4065-4072	7.8	5
164	Development of Lectin-immobilized Spongy Monoliths for Sub-classification of Exosome. <i>Bunseki Kagaku</i> , 2020 , 69, 731-735	0.2	
163	Controllable Molecular Sieving by copoly(Poly(ethylene glycol) Acrylate/Poly(ethylene glycol) Diacrylate)-Based Hydrogels via Capillary Electrophoresis for DNA Fragments. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 3886-3893	4.3	4
162	Separation of halogenated benzenes enabled by investigation of halogen- π interactions with carbon materials. <i>Chemical Science</i> , 2020 , 11, 409-418	9.4	7
161	Separation of saccharides using fullerene-bonded silica monolithic columns via π interactions in liquid chromatography. <i>Scientific Reports</i> , 2020 , 10, 13850	4.9	5

160	Molecularly Imprinted Materials 2019 , 159-178		0
159	Detection of Molecular Adsorbate in Aqueous Solution Based on Electroosmosis. <i>Sensors and Materials</i> , 2019 , 31, 45	1.5	3
158	On-line sample preconcentration by polarity switching in floating electrode-integrated microchannel. <i>Electrophoresis</i> , 2019 , 40, 2478-2483	3.6	1
157	Differentiating π Interactions by Constructing Concave/Convex Surfaces Using a Bucky Bowl Molecule, Corannulene in Liquid Chromatography. <i>Analytical Chemistry</i> , 2019 , 91, 2439-2446	7.8	10
156	Sample Preconcentration Protocols in Microfluidic Electrophoresis. <i>Methods in Molecular Biology</i> , 2019 , 1906, 65-78	1.4	1
155	Efficient extraction of estrogen receptor-active compounds from environmental surface water via a receptor-mimic adsorbent, a hydrophilic PEG-based molecularly imprinted polymer. <i>Chemosphere</i> , 2019 , 217, 204-212	8.4	14
154	Magnetic Field Stimuli-Sensitive Drug Release Using a Magnetic Thermal Seed Coated with Thermal-Responsive Molecularly Imprinted Polymer. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 759-767	5.5	25
153	Isotope Effects on Hydrogen Bonding and CH/CD π Interaction. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 15026-15032	3.8	10
152	Suppression of Hydrophobicity and Optimizations of a Ligand-Immobilization for Effective Affinity Chromatography Using a Spongy Monolith. <i>Chromatography</i> , 2018 , 39, 113-118	1.2	3
151	Profiling of N-linked glycans from 100 cells by capillary electrophoresis with large-volume dual preconcentration by isotachopheresis and stacking. <i>Journal of Chromatography A</i> , 2018 , 1565, 138-144	4.5	33
150	Selective adsorption of carbohydrates and glycoproteins via molecularly imprinted hydrogels: application to visible detection by a boronic acid monomer. <i>Chemical Communications</i> , 2017 , 53, 7290-7293	5.8	15
149	New platform for simple and rapid protein-based affinity reactions. <i>Scientific Reports</i> , 2017 , 7, 178	4.9	11
148	Identification and characterization of a thermally cleaved fragment of monoclonal antibody-A detected by sodium dodecyl sulfate-capillary gel electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 140, 98-104	3.5	16
147	Sensitivity Enhancement by Sweeping via Solid Phase Extraction Using Titania Nanoparticles in Capillary Electrophoretic Analysis of Phosphopeptides. <i>Chromatography</i> , 2017 , 38, 39-43	1.2	4
146	Combination of large-volume sample stacking with an electroosmotic flow pump with field-amplified sample injection on cross-channel chips. <i>Electrophoresis</i> , 2017 , 38, 2075-2080	3.6	16
145	Tunable separations based on a molecular size effect for biomolecules by poly(ethylene glycol) gel-based capillary electrophoresis. <i>Journal of Chromatography A</i> , 2017 , 1523, 107-113	4.5	9
144	On-line coupling of sample preconcentration by LVSEP with gel electrophoretic separation on T-channel chips. <i>Electrophoresis</i> , 2017 , 38, 380-386	3.6	11
143	Competitive ELISA-like Label-free Detection of Lysozyme by Using a Fluorescent Monomer-doped Molecularly Imprinted Hydrogel. <i>Analytical Sciences</i> , 2017 , 33, 1311-1315	1.7	5

142	Development of a C70-Fullerene Bonded Silica-Monolithic Capillary and Its Retention Characteristics in Liquid Chromatography. <i>Chromatography</i> , 2017 , 38, 45-51	1.2	9
141	Effect of Acidic Additives on Peak Capacity and Detectivity in Peptide Analysis Using Nano-Flow LC/MS with Low-Density ODS Modified Monolithic Silica Capillary Columns. <i>Chromatography</i> , 2016 , 37, 133-139	1.2	4
140	Specific Intermolecular Interactions by the Localized π Electrons in C70-fullerene. <i>ChemistrySelect</i> , 2016 , 1, 5900-5904	1.8	9
139	Recent progress in molecularly imprinted media by new preparation concepts and methodological approaches for selective separation of targeting compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 81, 102-109	14.6	45
138	Validation of Capillary Zone Electrophoretic Method for Evaluating Monoclonal Antibodies and Antibody-Drug Conjugates. <i>Chromatography</i> , 2016 , 37, 117-124	1.2	9
137	Three-Dimensional Fabrication for Microfluidics by Conventional Techniques and Equipment Used in Mass Production. <i>Micromachines</i> , 2016 , 7,	3.3	9
136	Recent progress for the selective pharmaceutical analyses using molecularly imprinted adsorbents and their related techniques: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 130, 68-80	3.5	36
135	Molecularly imprinted polymer with a pseudo-template for thermo-responsive adsorption/desorption based on hydrogen bonding. <i>Microporous and Mesoporous Materials</i> , 2015 , 218, 112-117	5.3	9
134	Simple and effective label-free capillary electrophoretic analysis of sugars by complexation using quinoline boronic acids. <i>Analytical Chemistry</i> , 2015 , 87, 5068-73	7.8	6
133	Simple and Rapid Immobilization of Coating Polymers on Poly(dimethyl siloxane)-glass Hybrid Microchips by a Vacuum-drying Method. <i>Analytical Sciences</i> , 2015 , 31, 1171-5	1.7	8
132	Simple Preparation and Characterization of Viscoelastic Gels Induced by Multiple Intermolecular Interactions Using Low-Molecular-Weight Species. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 1575-1580	5.1	
131	Selective adsorption of trypsin using molecularly imprinted polymers prepared with PEG-based hydrogels containing anionic functional monomers. <i>Molecular Imprinting</i> , 2015 , 3,		2
130	Unique Separation Behavior of a C60 Fullerene-Bonded Silica Monolith Prepared by an Effective Thermal Coupling Agent. <i>Chemistry - A European Journal</i> , 2015 , 21, 18095-8	4.8	17
129	C60-Fullerene Bonded Silica Monolithic Capillary for Specific Separations of Aromatic Compounds. <i>Chromatography</i> , 2015 , 36, 105-113	1.2	9
128	Hydrodynamic nonadhesive cell retention in a microfluidic circuit for stressless suspension culture. <i>Analytical Methods</i> , 2015 , 7, 7264-7269	3.2	2
127	Molecularly Imprinted Polymers for Selective Adsorption of Lysozyme and Cytochrome c Using a PEG-Based Hydrogel: Selective Recognition for Different Conformations Due to pH Conditions. <i>Macromolecules</i> , 2015 , 48, 4081-4087	5.5	41
126	Effective determination of a pharmaceutical, sulphiride, in river water by online SPE-LC-MS using a molecularly imprinted polymer as a preconcentration medium. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 89, 111-7	3.5	29
125	Development of a C(60)-fullerene bonded open-tubular capillary using a photo/thermal active agent for liquid chromatographic separations by π Interactions. <i>Journal of Chromatography A</i> , 2014 , 1323, 174-8	4.5	24

124	Quantitative ligand immobilization using alginate hydrogel formed in a capillary: application for online affinity concentration. <i>Analytical Chemistry</i> , 2014 , 86, 5977-82	7.8	5
123	Molecularly imprinted adsorbents for selective separation and/or concentration of environmental pollutants. <i>Analytical Sciences</i> , 2014 , 30, 97-104	1.7	21
122	Preparation of Quantum Dots for Highly Sensitive Analysis of Alkali Metal and Ammonium Ions. <i>Bunseki Kagaku</i> , 2014 , 63, 943-949	0.2	
121	Tunable Molecular Sieving in Gel Electrophoresis Using a Poly(ethylene glycol)-Based Hydrogel. <i>Chromatography</i> , 2014 , 35, 81-86	1.2	4
120	Hydrophilic interaction electrokinetic chromatography using bio-based nanofillers. <i>Electrophoresis</i> , 2014 , 35, 2229-36	3.6	2
119	Solvent induced nanostructure formation in polymer thin films: The impact of oxidation and solvent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 444, 217-225	5.1	2
118	Recent applications of on-line sample preconcentration techniques in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2014 , 1335, 43-60	4.5	162
117	Sensitivity Enhancement by Sweeping via Borate Complexation in Capillary Electrophoretic Analysis of Glycoproteins. <i>Chromatography</i> , 2014 , 35, 125-129	1.2	3
116	Zone electrophoresis of proteins in poly(dimethylsiloxane) (PDMS) microchip coated with physically adsorbed amphiphilic phospholipid polymer. <i>Microfluidics and Nanofluidics</i> , 2013 , 14, 951-959	2.8	15
115	Inner surface modification of poly(dimethylsiloxane) microchannel with chitin for electrophoretic analysis of proteins. <i>Microfluidics and Nanofluidics</i> , 2013 , 14, 933-941	2.8	6
114	Efficient total analyses for bromine type flame retardants by simple NICI-GC/MS. <i>Analytical Methods</i> , 2013 , 5, 866-873	3.2	1
113	Toward 10,000-fold sensitivity improvement of oligosaccharides in capillary electrophoresis using large-volume sample stacking with an electroosmotic flow pump combined with field-amplified sample injection. <i>Electrophoresis</i> , 2013 , 34, 2303-10	3.6	21
112	Antibacterial activities effectuated by co-continuous epoxy-based polymer materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 107, 53-8	6	8
111	Synthesis of poly(ethylene glycol)-based hydrogels and their swelling/shrinking response to molecular recognition. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 3153-3158	2.5	10
110	Rapid separations by LC using ion-exchange media based on spongy monoliths. <i>Journal of Separation Science</i> , 2013 , 36, 2813-8	3.4	2
109	Trace level determination of polycyclic aromatic hydrocarbons in river water with automated pretreatment HPLC. <i>Journal of Separation Science</i> , 2013 , 36, 1128-34	3.4	4
108	Effect of a low-conductivity zone on field-amplified sample stacking in microchip micellar electrokinetic chromatography. <i>Analytical Sciences</i> , 2013 , 29, 133-8	1.7	7
107	Open-tubular electrochromatographic chiral separation of amino acids using an organic nanocrystals immobilized capillary. <i>Analytical Sciences</i> , 2013 , 29, 107-12	1.7	10

106	On-line sample preconcentration by large-volume sample stacking with an electroosmotic flow pump (LVSEP) in microscale electrophoresis. <i>Analytical Sciences</i> , 2013 , 29, 1129-39	1.7	24
105	Recent progress of on-line sample preconcentration techniques in microchip electrophoresis. <i>Analytical Sciences</i> , 2012 , 28, 85-93	1.7	28
104	Electrophoretic analysis of cations using large-volume sample stacking with an electroosmotic flow pump using capillaries coated with neutral and cationic polymers. <i>Journal of Chromatography A</i> , 2012 , 1267, 65-73	4.5	26
103	Sensitive enantioseparation by transient trapping-cyclodextrin electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2012 , 1269, 366-71	4.5	12
102	Highly sensitive chiral analysis in capillary electrophoresis with large-volume sample stacking with an electroosmotic flow pump. <i>Journal of Chromatography A</i> , 2012 , 1246, 28-34	4.5	34
101	Highly sensitive oligosaccharide analysis in capillary electrophoresis using large-volume sample stacking with an electroosmotic flow pump. <i>Journal of Chromatography A</i> , 2012 , 1232, 52-8	4.5	38
100	Recent progress in capillary electrophoretic analysis of amino acid enantiomers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 3078-95	3.2	95
99	Microchip Electrophoresis Using Linear-Imaging UV Detector. <i>Bunseki Kagaku</i> , 2011 , 60, 725-734	0.2	
98	Recent progress in microchip electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 668-78	3.5	38
97	Hydrophobic labeling of amino acids: transient trapping-capillary/microchip electrophoresis. <i>Electrophoresis</i> , 2011 , 32, 1233-40	3.6	20
96	Microchip electrophoresis of oligosaccharides using large-volume sample stacking with an electroosmotic flow pump in a single channel. <i>Analytical Chemistry</i> , 2010 , 82, 6504-11	7.8	48
95	One-step preparation of amino-PEG modified poly(methyl methacrylate) microchips for electrophoretic separation of biomolecules. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 1272-7	3.5	23
94	Electrophoretic Separation-Mass Spectrometric Detection on Polymer Microchip Directly Integrated with a Nanospray Tip. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2010 , 130, 351-355	0.2	
93	Separation of complex mixtures of fluorobenzoic acids by capillary electrophoresis. <i>Journal of Separation Science</i> , 2009 , 32, 381-7	3.4	7
92	Label-free detection of amino acids using gold nanoparticles in electrokinetic chromatography-thermal lens microscopy. <i>Journal of Chromatography A</i> , 2009 , 1216, 2943-6	4.5	17
91	High-speed analysis of proteins by microchip isoelectric focusing with linear-imaging UV detection. <i>Analytical Sciences</i> , 2009 , 25, 979-84	1.7	6
90	On-line sample preconcentration and separation technique based on transient trapping in microchip micellar electrokinetic chromatography. <i>Analytical Chemistry</i> , 2008 , 80, 1255-62	7.8	66
89	Fundamental studies on electrokinetic chromatography with PEGylated phospholipid micelles. <i>Analytical Sciences</i> , 2008 , 24, 155-9	1.7	11

88	High-Performance Microchip Electrophoresis by Using On-Line Sample Preconcentration and Partial Filling Techniques. <i>Bunseki Kagaku</i> , 2008 , 57, 1001-1010	0.2	1
87	Separation of nonionic compounds by electrokinetic chromatography using an inorganic layered compound as a pseudostationary phase. <i>Journal of Separation Science</i> , 2008 , 31, 829-36	3.4	2
86	Micellar electrokinetic chromatography on microchips. <i>Journal of Separation Science</i> , 2008 , 31, 794-802	3.4	16
85	Recent progress of online sample preconcentration techniques in microchip electrophoresis. <i>Journal of Separation Science</i> , 2008 , 31, 2650-66	3.4	63
84	Polymer microchip integrated with nano-electrospray tip for electrophoresis-mass spectrometry. <i>Sensors and Actuators B: Chemical</i> , 2008 , 132, 368-373	8.5	31
83	Capillary electrophoretic studies on the photogenotoxic potential of pharmaceutical substances. <i>Journal of Chromatography A</i> , 2008 , 1188, 50-6	4.5	12
82	Novel on-line sample preconcentration technique in microchip micellar electrokinetic chromatography: Development of transient-trapping.. <i>Seibutsu Butsuri Kagaku</i> , 2008 , 52, 155-159		
81	Online concentration and affinity separation of biomolecules using multifunctional particles in capillary electrophoresis under magnetic field. <i>Analytical Chemistry</i> , 2007 , 79, 3041-7	7.8	40
80	Simultaneous determination of amphoteric surfactants in detergents by capillary electrophoresis with indirect UV detection. <i>Journal of Chromatography A</i> , 2007 , 1139, 136-42	4.5	13
79	Preparation of fritless capillary using avidin immobilized magnetic particles for electrochromatographic chiral separation. <i>Journal of Chromatography A</i> , 2007 , 1143, 264-9	4.5	30
78	Electrophoretic analysis of proteins and enantiomers using capillaries modified by a successive multiple ionic-polymer layer (SMIL) coating technique. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 594-601	4.4	22
77	Analysis of arsenic compounds by capillary electrophoresis using indirect UV and mass spectrometric detections. <i>Electrophoresis</i> , 2006 , 27, 2233-9	3.6	27
76	Separation of cationic polymer particles and characterization of avidin-immobilized particles by capillary electrophoresis. <i>Electrophoresis</i> , 2006 , 27, 1031-40	3.6	17
75	Application of a partial filling technique to electrophoretic analysis on microchip with T-cross channel configuration. <i>Measurement Science and Technology</i> , 2006 , 17, 3154-3161	2	12
74	Toward million-fold sensitivity enhancement by sweeping in capillary electrophoresis combined with thermal lens microscopic detection using an interface chip. <i>Journal of Chromatography A</i> , 2006 , 1106, 36-42	4.5	34
73	Chiral separation of acidic drug components by open tubular electrochromatography using avidin immobilized capillaries. <i>Journal of Chromatography A</i> , 2006 , 1130, 219-26	4.5	47
72	One-step immobilization of cationic polymer onto a poly(methyl methacrylate) microchip for high-performance electrophoretic analysis of proteins. <i>Science and Technology of Advanced Materials</i> , 2006 , 7, 558-565	7.1	21
71	Rapid enantioseparation of 1-aminoindan by microchip electrophoresis with linear-imaging UV detection. <i>Analytical Sciences</i> , 2005 , 21, 61-5	1.7	41

70	Highly Sensitive Detection Methods in Microchip Electrophoresis. <i>Bunseki Kagaku</i> , 2005 , 54, 1047-1060	0.2	2
69	Retention Factor 2005 , 1454-1455		
68	Chiral Separations by MEKC with Chiral Micelles 2005 , 327-329		
67	Chiral micellar electrokinetic chromatography. <i>Methods in Molecular Biology</i> , 2004 , 243, 355-63	1.4	4
66	Effects of the length and modification of the separation channel on microchip electrophoresis-mass spectrometry for analysis of bioactive compounds. <i>Journal of Chromatography A</i> , 2004 , 1025, 287-96	4.5	28
65	Kinetic Analysis of Reactions of p-Anisidine and N-Methyl-p-anisidine Cation Radicals in Acetonitrile Using an Electron-Transfer Stopped-Flow Method. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 3980-3986	2.8	8
64	Signal denoising and baseline correction by discrete wavelet transform for microchip capillary electrophoresis. <i>Electrophoresis</i> , 2003 , 24, 3260-5	3.6	43
63	On-line sample preconcentration in micellar electrokinetic chromatography by sweeping with anionic-zwitterionic mixed micelles. <i>Journal of Chromatography A</i> , 2003 , 985, 435-45	4.5	32
62	Analysis of carboxylic acid metabolites from the tricarboxylic acid cycle in <i>Bacillus subtilis</i> cell extract by capillary electrophoresis using an indirect photometric detection method. <i>Journal of Chromatography A</i> , 2003 , 1010, 113-21	4.5	36
61	Kinetics and mechanisms of the reactions of 9-substituted anthracene cation radicals with water or methanol in acetonitrile. <i>Journal of Electroanalytical Chemistry</i> , 2003 , 558, 49-57	4.1	6
60	On-line preconcentration and enantioselective separation of triadimenol by electrokinetic chromatography using cyclodextrins as chiral selectors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 30, 1861-7	3.5	42
59	Evaluation of an atmospheric pressure chemical ionization interface for capillary electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 30, 1889-93	3.5	47
58	Robust and simple interface for microchip electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2003 , 1011, 181-92	4.5	46
57	Physically adsorbed chiral stationary phase of avidin on monolithic silica column for capillary electrochromatography and capillary liquid chromatography. <i>Electrophoresis</i> , 2002 , 23, 2973-81	3.6	86
56	Near Field Stimulated Time of Flight Mass Surface Analyzer. <i>Optical Review</i> , 2002 , 9, 277-281	0.9	1
55	Modeling of retention behavior in capillary electrochromatography from chromatographic and electrophoretic data. <i>Journal of Chromatography A</i> , 2002 , 959, 241-53	4.5	14
54	Evaluation of extended light path capillary and etched capillary for use in open tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2002 , 961, 285-91	4.5	32
53	On-line sample preconcentration in micellar electrokinetic chromatography using ion-pair reagents. <i>Journal of Chromatography A</i> , 2002 , 979, 131-6	4.5	11

52	The Use of Sodium 10-Undecylenyl Sulfate Oligomer and Sodium 10-Undecenoic Acid Oligomer as Pseudostationary Phases in Micellar Electrokinetic Chromatography.. <i>Analytical Sciences</i> , 2002 , 18, 101-103	1.7	6
51	On-line focusing of flavin derivatives using Dynamic pH junction-sweeping capillary electrophoresis with laser-induced fluorescence detection. <i>Analytical Chemistry</i> , 2002 , 74, 3736-43	7.8	145
50	Kinetics of the Decay Reactions of the N,N-Dimethyl-p-Toluidine Cation Radical in Acetonitrile. Acid-Base Interaction to Promote the CH ₂ -CH ₂ Bonding. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 8103-8108	2.8	15
49	Selective detection of biogenic amines using capillary electrochromatography with an on-column derivatization technique. <i>Analytical Chemistry</i> , 2002 , 74, 3463-9	7.8	52
48	Capillary electrophoretic techniques toward the metabolome analysis. <i>Pure and Applied Chemistry</i> , 2001 , 73, 1563-1572	2.1	49
47	Application of sweeping to micellar electrokinetic chromatography-atmospheric pressure chemical ionization-mass spectrometric analysis of environmental pollutants. <i>Electrophoresis</i> , 2001 , 22, 3426-32	3.6	59
46	Sweeping on a microchip: concentration profiles of the focused zone in micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2001 , 22, 3509-13	3.6	75
45	Quantitation and on-line concentration of enantiomers in open-tubular capillary electrochromatography. <i>Electrophoresis</i> , 2001 , 22, 3791-7	3.6	27
44	Chiral separation by open tubular capillary electrochromatography with adsorbed avidin as a stationary phase. <i>Journal of Separation Science</i> , 2001 , 24, 17-26	3.4	53
43	On-line sample concentration in micellar electrokinetic chromatography using cationic surfactants. <i>Journal of Chromatography A</i> , 2001 , 916, 123-30	4.5	66
42	On-line sample concentration in micellar electrokinetic chromatography with cationic micelles in a coated capillary. <i>Journal of Chromatography A</i> , 2001 , 912, 343-52	4.5	39
41	Ionization of dichlorophenols for their analysis by capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2001 , 924, 415-20	4.5	30
40	Capillary electrochromatographic enantioseparations using a packed capillary with a 3 microm OD-type chiral packing. <i>Journal of Chromatography A</i> , 2001 , 924, 251-7	4.5	31
39	Anion selective exhaustive injection-sweep-micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2001 , 932, 129-37	4.5	88
38	Separation and on-line preconcentration by sweeping of charged analytes in electrokinetic chromatography with nonionic micelles. <i>Journal of Chromatography A</i> , 2001 , 939, 99-108	4.5	59
37	?????????????????. <i>Electrochemistry</i> , 2001 , 69, 624-629	1.2	
36	Determination of environmentally relevant aromatic amines in the ppt levels by cation selective exhaustive injection-sweeping-micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2000 , 21, 2899-903	3.6	71
35	Enantiomer separation of drugs by micellar electrokinetic chromatography using chiral surfactants. <i>Journal of Chromatography A</i> , 2000 , 875, 163-78	4.5	143

34	Enantiomer separations by capillary electrochromatography using chiral stationary phases. <i>Journal of Chromatography A</i> , 2000 , 887, 457-63	4.5	73
33	Separation of enantiomers by capillary electrophoresis-mass spectrometry employing a partial filling technique with a chiral crown ether. <i>Journal of Chromatography A</i> , 2000 , 875, 323-30	4.5	73
32	Sample concentration by sample stacking and sweeping using a microemulsion and a single-isomer sulfated β -cyclodextrin as pseudostationary phases in electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1999 , 838, 3-10	4.5	102
31	Highly-sensitive micellar electrokinetic chromatographic analysis of dioxin-related compounds using on-line concentration. <i>Journal of Chromatography A</i> , 1999 , 853, 413-20	4.5	17
30	On-line coupling of partial-filling micellar electrokinetic chromatography with mass spectrometry. <i>Journal of Chromatography A</i> , 1998 , 802, 3-15	4.5	56
29	Stereoselective separation and detection of phenoxy acid herbicide enantiomers by cyclodextrin-modified capillary zone electrophoresis-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 1998 , 817, 75-81	4.5	64
28	Strategy for selecting separation solutions in capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 1998 , 817, 49-57	4.5	55
27	On-line concentration of neutral analytes for micellar electrokinetic chromatography. VI. Stacking using reverse migrating micelles and a water plug. <i>Biomedical Applications</i> , 1998 , 714, 29-38		46
26	Effects of compositions of dimethyl- β -cyclodextrins on enantiomer separations by cyclodextrin modified capillary zone electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 17, 1177-90	3.5	12
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21	Separation of enantiomers by capillary electrophoretic techniques. <i>Journal of Chromatography A</i> , 1994 , 666, 295-319	4.5	254
20	Separation of lipophilic compounds by micellar electrokinetic chromatography with organic modifiers. <i>Electrophoresis</i> , 1994 , 15, 1280-3	3.6	46
19	Optical resolution of amino acid derivatives by micellar electrokinetic chromatography with N-dodecanoyl-L-serine. <i>Journal of Chromatography A</i> , 1994 , 680, 317-20	4.5	54
18	Optical Resolution of Chlorpheniramine by Cyclodextrin Added Capillary Zone Electrophoresis and Cyclodextrin Modified Micellar Electrokinetic Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1993 , 16, 945-953		38
17	Measurement of thermodynamic quantities of micellar solubilization by micellar electrokinetic chromatography with sodium dodecyl sulfate. <i>Journal of Separation Science</i> , 1993 , 5, 23-33		78

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15	Optical resolution by high-performance capillary electrophoresis. Micellar electrokinetic chromatography with sodium N-dodecanoyl-L-glutamate and digitonin. <i>Journal of Chromatography A</i> , 1993 , 652, 253-7	4.5	53
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13	Effect of urea addition in micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1991 , 545, 359-368	4.5	151
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10	Effects of pH on electrokinetic velocities in micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 1989 , 1, 150-154		105
9	Extra-column effects in high-performance capillary electrophoresis. <i>Journal of Chromatography A</i> , 1989 , 480, 91-94	4.5	16
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4	Electrokinetic chromatography with micellar solutions. <i>Journal of Chromatography A</i> , 1985 , 348, 39-47	4.5	194
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