

Koji Otsuka

List of Publications by Year in descending order

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181
papers

9,969
citations

46918

47
h-index

37111

96
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185
all docs

185
docs citations

185
times ranked

3440
citing authors

#	ARTICLE	IF	CITATIONS
1	Moderate molecular recognitions on ZnO <i>m</i> -plane and their selective capture/release of bio-related phosphoric acids. <i>Nanoscale Advances</i> , 2022, 4, 1649-1658.	2.2	1
2	Separation of Glycoproteins Based on Sugar Chains Using Novel Stationary Phases Modified with Poly(ethylene glycol)-Conjugated Boronic-Acid Derivatives. <i>Analytical Chemistry</i> , 2022, 94, 6882-6892.	3.2	7
3	Development of a microfluidic dispensing device for multivariate data acquisition and application in molecularly imprinting hydrogel preparation. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6664-6672.	2.9	1
4	Specific recognition of a target protein, cytochrome <i>c</i> , using molecularly imprinted hydrogels. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6800-6807.	2.9	4
5	Development and Evaluation of a Silica-monolithic Micro-trap Column for LC/MS Analysis of Intact Proteins. <i>Bunseki Kagaku</i> , 2022, 71, 341-349.	0.1	0
6	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.	2.0	6
7	Fluorescent detection of target proteins via a molecularly imprinted hydrogel. <i>Analytical Methods</i> , 2021, 13, 3086-3091.	1.3	4
8	Substituted <i>meso</i> -vinyl-BODIPY as thiol-selective fluorogenic probes for sensing unfolded proteins in the endoplasmic reticulum. <i>Chemical Communications</i> , 2021, 57, 1818-1821.	2.2	15
9	Simple chemical detection based on a surface-modified electroosmotic pump <i>via</i> interval immobilization. <i>Analytical Methods</i> , 2021, 13, 1559-1564.	1.3	0
10	Recent developments of point-of-care (POC) testing platform for biomolecules. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116160.	5.8	44
11	Rational Strategy for Space-Confining Seeded Growth of ZnO Nanowires in Meter-Long Microtubes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16812-16819.	4.0	4
12	Hydrogels in Electrophoresis: Applications and Advances. <i>Analytical Sciences</i> , 2021, 37, 807-816.	0.8	4
13	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.	0.3	0
14	Recent advances in microscale separation techniques for lipidome analysis. <i>Analyst, The</i> , 2021, 146, 7418-7430.	1.7	5
15	Study on magnetic thermal seeds coated with thermal-responsive molecularly imprinted polymers. <i>Nanocomposites</i> , 2021, 7, 215-225.	2.2	1
16	Separation of halogenated benzenes enabled by investigation of halogen- π interactions with carbon materials. <i>Chemical Science</i> , 2020, 11, 409-418.	3.7	17
17	Separation of saccharides using fullerene-bonded silica monolithic columns via π interactions in liquid chromatography. <i>Scientific Reports</i> , 2020, 10, 13850.	1.6	8
18	Carbon-Based Nanomaterials for Separation Media. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 482-489.	2.0	14

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19	Tunable Liquid Chromatographic Separation of H/D Isotopologues Enabled by Aromatic π - π Interactions. <i>Analytical Chemistry</i> , 2020, 92, 4065-4072.	3.2	10
20	Controllable Molecular Sieving by <i>copoly</i> (Poly(ethylene glycol) Acrylate/Poly(ethylene glycol)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Materials</i> , 2020, 2, 3886-3893.	2.0	6
21	Development of Lectin-immobilized Spongy Monoliths for Sub-classification of Exosome. <i>Bunseki Kagaku</i> , 2020, 69, 731-735.	0.1	0
22	On-line sample preconcentration by polarity switching in floating electrode-integrated microchannel. <i>Electrophoresis</i> , 2019, 40, 2478-2483.	1.3	3
23	Differentiating π - π Interactions by Constructing Concave/Convex Surfaces Using a Bucky Bowl Molecule, Corannulene in Liquid Chromatography. <i>Analytical Chemistry</i> , 2019, 91, 2439-2446.	3.2	17
24	Sample Preconcentration Protocols in Microfluidic Electrophoresis. <i>Methods in Molecular Biology</i> , 2019, 1906, 65-78.	0.4	2
25	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.	4.2	19
26	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.	2.6	33
27	Detection of Molecular Adsorbate in Aqueous Solution Based on Electroosmosis. <i>Sensors and Materials</i> , 2019, 31, 45.	0.3	3
28	Suppression of Hydrophobicity and Optimizations of a Ligand-Immobilization for Effective Affinity Chromatography Using a Spongy Monolith. <i>Chromatography</i> , 2018, 39, 113-118.	0.8	4
29	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.	1.8	46
30	Isotope Effects on Hydrogen Bonding and CH/CD π - π Interaction. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15026-15032.	1.5	18
31	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.	2.2	16
32	New platform for simple and rapid protein-based affinity reactions. <i>Scientific Reports</i> , 2017, 7, 178.	1.6	18
33	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.	1.4	20
34	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.	1.3	28
35	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.	1.8	13
36	On-line coupling of sample preconcentration by LVSEP with gel electrophoretic separation on T-channel chips. <i>Electrophoresis</i> , 2017, 38, 380-386.	1.3	15

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37	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.	0.8	7
38	Development of a C ₇₀ -Fullerene Bonded Silica-Monolithic Capillary and Its Retention Characteristics in Liquid Chromatography. <i>Chromatography</i> , 2017, 38, 45-51.	0.8	12
39	Sensitivity Enhancement by Sweeping &via</i> Solid Phase Extraction Using Titania Nanoparticles in Capillary Electrophoretic Analysis of Phosphopeptides. <i>Chromatography</i> , 2017, 38, 39-43.	0.8	6
40	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.	0.8	5
41	Validation of Capillary Zone Electrophoretic Method for Evaluating Monoclonal Antibodies and Antibody-Drug Conjugates. <i>Chromatography</i> , 2016, 37, 117-124.	0.8	11
42	Three-Dimensional Fabrication for Microfluidics by Conventional Techniques and Equipment Used in Mass Production. <i>Micromachines</i> , 2016, 7, 82.	1.4	11
43	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.	1.4	41
44	Specific Intermolecular Interactions by the Localized π -Electrons in C ₇₀ -fullerene. <i>ChemistrySelect</i> , 2016, 1, 5900-5904.	0.7	11
45	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.	5.8	50
46	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, 1171-1175.	0.8	14
47	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.	2.0	0
48	Selective adsorption of trypsin using molecularly imprinted polymers prepared with PEG-based hydrogels containing anionic functional monomers. <i>Molecular Imprinting</i> , 2015, 3, .	1.8	3
49	Unique Separation Behavior of a C ₆₀ Fullerene-Bonded Silica Monolith Prepared by an Effective Thermal Coupling Agent. <i>Chemistry - A European Journal</i> , 2015, 21, 18095-18098.	1.7	18
50	C ₆₀ -Fullerene Bonded Silica Monolithic Capillary for Specific Separations of Aromatic Compounds. <i>Chromatography</i> , 2015, 36, 105-113.	0.8	12
51	Hydrodynamic nonadhesive cell retention in a microfluidic circuit for stressless suspension culture. <i>Analytical Methods</i> , 2015, 7, 7264-7269.	1.3	2
52	Molecularly Imprinted Polymers for Selective Adsorption of Lysozyme and Cytochrome <i>c</i> Using a PEG-Based Hydrogel: Selective Recognition for Different Conformations Due to pH Conditions. <i>Macromolecules</i> , 2015, 48, 4081-4087.	2.2	49
53	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.	2.2	12
54	Simple and Effective Label-Free Capillary Electrophoretic Analysis of Sugars by Complexation Using Quinoline Boronic Acids. <i>Analytical Chemistry</i> , 2015, 87, 5068-5073.	3.2	7

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55	Tunable Molecular Sieving in Gel Electrophoresis Using a Poly(ethylene glycol)-Based Hydrogel. <i>Chromatography</i> , 2014, 35, 81-86.	0.8	5
56	Hydrophilic interaction electrokinetic chromatography using bio-based nanofillers. <i>Electrophoresis</i> , 2014, 35, 2229-2236.	1.3	3
57	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.	2.3	2
58	Recent applications of on-line sample preconcentration techniques in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2014, 1335, 43-60.	1.8	179
59	Effective determination of a pharmaceutical, sulpiride, 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, 111-117.	1.4	33
60	Development of a C60-fullerene bonded open-tubular capillary using a photo/thermal active agent for liquid chromatographic separations by π - π interactions. <i>Journal of Chromatography A</i> , 2014, 1323, 174-178.	1.8	27
61	Quantitative Ligand Immobilization Using Alginate Hydrogel Formed in a Capillary: Application for Online Affinity Concentration. <i>Analytical Chemistry</i> , 2014, 86, 5977-5982.	3.2	7
62	Molecularly Imprinted Adsorbents for Selective Separation and/or Concentration of Environmental Pollutants. <i>Analytical Sciences</i> , 2014, 30, 97-104.	0.8	21
63	Preparation of Quantum Dots for Highly Sensitive Analysis of Alkali Metal and Ammonium Ions. <i>Bunseki Kagaku</i> , 2014, 63, 943-949.	0.1	0
64	Sensitivity Enhancement by Sweeping via Borate Complexation in Capillary Electrophoretic Analysis of Glycoproteins. <i>Chromatography</i> , 2014, 35, 125-129.	0.8	4
65	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.	1.0	19
66	Inner surface modification of poly(dimethylsiloxane) microchannel with chitin for electrophoretic analysis of proteins. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 933-941.	1.0	7
67	Efficient total analyses for bromine type flame retardants by simple NICI-GC/MS. <i>Analytical Methods</i> , 2013, 5, 866-873.	1.3	1
68	Toward 10 ⁴ -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, 2303-2310.	1.3	28
69	Antibacterial activities effectuated by co-continuous epoxy-based polymer materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 107, 53-58.	2.5	8
70	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	11
71	Rapid separations by LC using ion-exchange media based on spongy monoliths. <i>Journal of Separation Science</i> , 2013, 36, 2813-2818.	1.3	2
72	Trace level determination of polycyclic aromatic hydrocarbons in river water with automated pretreatment <sc>HPLC</sc>. <i>Journal of Separation Science</i> , 2013, 36, 1128-1134.	1.3	4

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73	Effect of a Low-conductivity Zone on Field-amplified Sample Stacking in Microchip Micellar Electrokinetic Chromatography. <i>Analytical Sciences</i> , 2013, 29, 133-138.	0.8	9
74	Open-tubular Electrochromatographic Chiral Separation of Amino Acids Using an Organic Nanocrystals Immobilized Capillary. <i>Analytical Sciences</i> , 2013, 29, 107-112.	0.8	10
75	On-line Sample Preconcentration by Large-volume Sample Stacking with an Electroosmotic Flow Pump (LVSEP) in Microscale Electrophoresis. <i>Analytical Sciences</i> , 2013, 29, 1129-1139.	0.8	35
76	Recent Progress of On-line Sample Preconcentration Techniques in Microchip Electrophoresis. <i>Analytical Sciences</i> , 2012, 28, 85.	0.8	34
77	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.	1.8	32
78	Sensitive enantioseparation by transient trapping-cyclodextrin electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2012, 1269, 366-371.	1.8	14
79	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.	1.8	42
80	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, 52-58.	1.8	48
81	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, 3078-3095.	1.2	101
82	Microchip Electrophoresis Using Linear-Imaging UV Detector. <i>Bunseki Kagaku</i> , 2011, 60, 725-734.	0.1	0
83	Recent progress in microchip electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 668-678.	1.4	43
84	Hydrophobic labeling of amino acids: Transient trapping-capillary/microchip electrophoresis. <i>Electrophoresis</i> , 2011, 32, 1233-1240.	1.3	22
85	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, 1272-1277.	1.4	29
86	Microchip Electrophoresis of Oligosaccharides Using Large-Volume Sample Stacking with an Electroosmotic Flow Pump in a Single Channel. <i>Analytical Chemistry</i> , 2010, 82, 6504-6511.	3.2	60
87	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.	0.0	0
88	Separation of complex mixtures of fluorobenzoic acids by capillary electrophoresis. <i>Journal of Separation Science</i> , 2009, 32, 381-387.	1.3	9
89	Label-free detection of amino acids using gold nanoparticles in electrokinetic chromatography-thermal lens microscopy. <i>Journal of Chromatography A</i> , 2009, 1216, 2943-2946.	1.8	23
90	High-speed Analysis of Proteins by Microchip Isoelectric Focusing with Linear-imaging UV Detection. <i>Analytical Sciences</i> , 2009, 25, 979-984.	0.8	6

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91	Separation of nonionic compounds by electrokinetic chromatography using an inorganic layered compound as a pseudostationary phase. <i>Journal of Separation Science</i> , 2008, 31, 829-836.	1.3	2
92	Micellar electrokinetic chromatography on microchips. <i>Journal of Separation Science</i> , 2008, 31, 794-802.	1.3	18
93	Recent progress of online sample preconcentration techniques in microchip electrophoresis. <i>Journal of Separation Science</i> , 2008, 31, 2650-2666.	1.3	67
94	Polymer microchip integrated with nano-electrospray tip for electrophoresis-mass spectrometry. <i>Sensors and Actuators B: Chemical</i> , 2008, 132, 368-373.	4.0	35
95	Capillary electrophoretic studies on the photogenotoxic potential of pharmaceutical substances. <i>Journal of Chromatography A</i> , 2008, 1188, 50-56.	1.8	16
96	On-Line Sample Preconcentration and Separation Technique Based on Transient Trapping in Microchip Micellar Electrokinetic Chromatography. <i>Analytical Chemistry</i> , 2008, 80, 1255-1262.	3.2	68
97	Fundamental Studies on Electrokinetic Chromatography with PEGylated Phospholipid Micelles. <i>Analytical Sciences</i> , 2008, 24, 155-159.	0.8	12
98	High-Performance Microchip Electrophoresis by Using On-Line Sample Preconcentration and Partial Filling Techniques. <i>Bunseki Kagaku</i> , 2008, 57, 1001-1010.	0.1	1
99	Novel on-line sample preconcentration technique in microchip micellar electrokinetic chromatography: Development of transient-trapping.. <i>Seibutsu Butsuri Kagaku</i> , 2008, 52, 155-159.	0.1	0
100	Online Concentration and Affinity Separation of Biomolecules Using Multifunctional Particles in Capillary Electrophoresis under Magnetic Field. <i>Analytical Chemistry</i> , 2007, 79, 3041-3047.	3.2	44
101	Simultaneous determination of amphoteric surfactants in detergents by capillary electrophoresis with indirect UV detection. <i>Journal of Chromatography A</i> , 2007, 1139, 136-142.	1.8	14
102	Preparation of fritless capillary using avidin immobilized magnetic particles for electrochromatographic chiral separation. <i>Journal of Chromatography A</i> , 2007, 1143, 264-269.	1.8	35
103	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.	1.4	12
104	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.	1.8	40
105	Chiral separation of acidic drug components by open tubular electrochromatography using avidin immobilized capillaries. <i>Journal of Chromatography A</i> , 2006, 1130, 219-226.	1.8	52
106	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.	2.8	26
107	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.	1.9	27
108	Analysis of arsenic compounds by capillary electrophoresis using indirect UV and mass spectrometric detections. <i>Electrophoresis</i> , 2006, 27, 2233-2239.	1.3	31

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109	Separation of cationic polymer particles and characterization of avidin-immobilized particles by capillary electrophoresis. <i>Electrophoresis</i> , 2006, 27, 1031-1040.	1.3	17
110	Rapid Enantioseparation of 1-Aminoindan by Microchip Electrophoresis with Linear-Imaging UV Detection. <i>Analytical Sciences</i> , 2005, 21, 61-65.	0.8	43
111	Highly Sensitive Detection Methods in Microchip Electrophoresis. <i>Bunseki Kagaku</i> , 2005, 54, 1047-1060.	0.1	2
112	Retention Factor. , 2005, , 1454-1455.		0
113	Chiral Separations by MEKC with Chiral Micelles. , 2005, , 327-329.		0
114	Chiral Micellar Electrokinetic Chromatography. , 2004, 243, 355-364.		4
115	Effects of the length and modification of the separation channel on microchip electrophoresisâ€“mass spectrometry for analysis of bioactive compounds. <i>Journal of Chromatography A</i> , 2004, 1025, 287-296.	1.8	37
116	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.	1.1	11
117	Signal denoising and baseline correction by discrete wavelet transform for microchip capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 3260-3265.	1.3	54
118	On-line sample preconcentration in micellar electrokinetic chromatography by sweeping with anionicâ€“zwitterionic mixed micelles. <i>Journal of Chromatography A</i> , 2003, 985, 435-445.	1.8	33
119	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, 113-121.	1.8	40
120	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.	1.9	7
121	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, 1861-1867.	1.4	44
122	Evaluation of an atmospheric pressure chemical ionization interface for capillary electrophoresisâ€“mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 30, 1889-1895.	1.4	54
123	Robust and simple interface for microchip electrophoresisâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1011, 181-192.	1.8	52
124	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.	0.8	6
125	On-Line Focusing of Flavin Derivatives Using Dynamic pH Junction-Sweeping Capillary Electrophoresis with Laser-Induced Fluorescence Detection. <i>Analytical Chemistry</i> , 2002, 74, 3736-3743.	3.2	152
126	Kinetics of the Decay Reactions of the N,N-Dimethyl-p-Toluidine Cation Radical in Acetonitrile. Acidâˆ“Base Interaction to Promote the CH2âˆ“CH2 Bonding. <i>Journal of Physical Chemistry A</i> , 2002, 106, 8103-8108.	1.1	19

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127	Selective Detection of Biogenic Amines Using Capillary Electrochromatography with an On-Column Derivatization Technique. <i>Analytical Chemistry</i> , 2002, 74, 3463-3469.	3.2	55
128	Physically adsorbed chiral stationary phase of avidin on monolithic silica column for capillary electrochromatography and capillary liquid chromatography. <i>Electrophoresis</i> , 2002, 23, 2973-2981.	1.3	91
129	Near Field Stimulated Time of Flight Mass Surface Analyzer. <i>Optical Review</i> , 2002, 9, 277-281.	1.2	1
130	Modeling of retention behavior in capillary electrochromatography from chromatographic and electrophoretic data. <i>Journal of Chromatography A</i> , 2002, 959, 241-253.	1.8	15
131	Evaluation of extended light path capillary and etched capillary for use in open tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2002, 961, 285-291.	1.8	34
132	On-line sample preconcentration in micellar electrokinetic chromatography using ion-pair reagents. <i>Journal of Chromatography A</i> , 2002, 979, 131-136.	1.8	13
133	Capillary electrophoretic techniques toward the metabolome analysis. <i>Pure and Applied Chemistry</i> , 2001, 73, 1563-1572.	0.9	54
134	Application of sweeping to micellar electrokinetic chromatography-atmospheric pressure chemical ionization-mass spectrometric analysis of environmental pollutants. <i>Electrophoresis</i> , 2001, 22, 3426-3432.	1.3	62
135	Sweeping on a microchip: Concentration profiles of the focused zone in micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2001, 22, 3509-3513.	1.3	84
136	Quantitation and on-line concentration of enantiomers in open-tubular capillary electrochromatography. <i>Electrophoresis</i> , 2001, 22, 3791-3797.	1.3	29
137	Chiral separation by open tubular capillary electrochromatography with adsorbed avidin as a stationary phase. <i>Journal of Separation Science</i> , 2001, 24, 17-26.	1.3	57
138	On-line sample concentration in micellar electrokinetic chromatography using cationic surfactants. <i>Journal of Chromatography A</i> , 2001, 916, 123-130.	1.8	77
139	On-line sample concentration in micellar electrokinetic chromatography with cationic micelles in a coated capillary. <i>Journal of Chromatography A</i> , 2001, 912, 343-352.	1.8	45
140	Ionization of dichlorophenols for their analysis by capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 924, 415-420.	1.8	31
141	Capillary electrochromatographic enantioseparations using a packed capillary with a 3 $\frac{1}{4}$ m OD-type chiral packing. <i>Journal of Chromatography A</i> , 2001, 924, 251-257.	1.8	34
142	Anion selective exhaustive injection-sweep-micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2001, 932, 129-137.	1.8	95
143	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.	1.8	66
144	Electrochromatography of chiral amines using a chiral stationary phase. <i>Electrochemistry</i> , 2001, 69, 624-629.	0.6	0

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145	Determination of environmentally relevant aromatic amines in the ppt levels by cation selective exhaustive injection-sweeping-micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2000, 21, 2899-2903.	1.3	77
146	Enantiomer separation of drugs by micellar electrokinetic chromatography using chiral surfactants. <i>Journal of Chromatography A</i> , 2000, 875, 163-178.	1.8	159
147	Enantiomer separations by capillary electrochromatography using chiral stationary phases. <i>Journal of Chromatography A</i> , 2000, 887, 457-463.	1.8	75
148	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, 323-330.	1.8	82
149	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.	1.8	105
150	Highly-sensitive micellar electrokinetic chromatographic analysis of dioxin-related compounds using on-line concentration. <i>Journal of Chromatography A</i> , 1999, 853, 413-420.	1.8	19
151	On-line coupling of partial-filling micellar electrokinetic chromatography with mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 802, 3-15.	1.8	61
152	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.	1.8	70
153	Strategy for selecting separation solutions in capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 817, 49-57.	1.8	59
154	On-line concentration of neutral analytes for micellar electrokinetic chromatography. <i>Biomedical Applications</i> , 1998, 714, 29-38.	1.7	53
155	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, 1177-1190.	1.4	12
156	Micellar Electrokinetic Chromatography. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 2465-2481.	2.0	41
157	Enantioseparation of Reduced Haloperidol by Capillary Zone Electrophoresis with Dimethyl- β -Cyclodextrin. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 141-144.	0.8	6
158	Micellar Electrokinetic Chromatography. , 1996, 52, 125-156.		16
159	Optical resolution of amino acid derivatives by micellar electrokinetic chromatography with sodium N-tetradecanoyl-L-glutamate. <i>Journal of Chromatography A</i> , 1995, 716, 319-322.	1.8	34
160	Separation of enantiomers by capillary electrophoretic techniques. <i>Journal of Chromatography A</i> , 1994, 666, 295-319.	1.8	274
161	Separation of lipophilic compounds by micellar electrokinetic chromatography with organic modifiers. <i>Electrophoresis</i> , 1994, 15, 1280-1283.	1.3	49
162	Optical resolution of amino acid derivatives by micellar electrokinetic chromatography with N-dodecanoyl-L-serine. <i>Journal of Chromatography A</i> , 1994, 680, 317-320.	1.8	63

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163	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.	1.0	85
164	Enantiomeric separation by micellar electrokinetic chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 1993, 12, 125-130.	5.8	63
165	Optical resolution by high-performance capillary electrophoresis. <i>Journal of Chromatography A</i> , 1993, 652, 253-257.	1.8	59
166	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.	0.9	45
167	Chiral separations by micellar electrokinetic chromatography with sodium N-dodecanoyl-L-valinate. <i>Journal of Chromatography A</i> , 1991, 559, 209-214.	1.8	136
168	Effect of urea addition in micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1991, 545, 359-368.	1.8	164
169	Effects of methanol and urea on optical resolution of phenylthiohydantion-DL-amino acids by micellar electrokinetic chromatography with sodium N-dodecanoyl-L-valinate. <i>Electrophoresis</i> , 1990, 11, 982-984.	1.3	71
170	Enantiomeric resolution by micellar electrokinetic chromatography with chiral surfactants. <i>Journal of Chromatography A</i> , 1990, 515, 221-226.	1.8	176
171	Effects of pH on electrokinetic velocities in micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 1989, 1, 150-154.	1.0	118
172	Extra-column effects in high-performance capillary electrophoresis. <i>Journal of Chromatography A</i> , 1989, 480, 91-94.	1.8	22
173	Band broadening in electrokinetic chromatography with micellar solutions and open-tubular capillaries. <i>Analytical Chemistry</i> , 1989, 61, 251-260.	3.2	240
174	Quantitation and reproducibility in electrokinetic chromatography with micellar solutions. <i>Journal of Chromatography A</i> , 1987, 396, 350-354.	1.8	60
175	Separation of aromatic sulfides by electrokinetic chromatography with micellar solution.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1986, 1986, 950-955.	0.1	35
176	Electrokinetic chromatography with micellar solutions. <i>Journal of Chromatography A</i> , 1985, 332, 219-226.	1.8	242
177	Electrokinetic chromatography with micellar solutions. <i>Journal of Chromatography A</i> , 1985, 348, 39-47.	1.8	225
178	Electrokinetic chromatography with 2-O-carboxymethyl- β -cyclodextrin as a moving "stationary" phase. <i>Journal of Chromatography A</i> , 1985, 332, 211-217.	1.8	292
179	Electrokinetic chromatography with micellar solution and open-tubular capillary. <i>Analytical Chemistry</i> , 1985, 57, 834-841.	3.2	1,215
180	Electrokinetic separations with micellar solutions and open-tubular capillaries. <i>Analytical Chemistry</i> , 1984, 56, 111-113.	3.2	1,990

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181	Development of transient trapping micellar electrokinetic chromatography coupled with mass spectrometry for steroids analysis. Chirality, 0, , .	1.3	0