

# Koji Otsuka

## List of Publications by Year in descending order

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181  
papers

9,969  
citations

46918

47  
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37111

96  
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185  
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185  
docs citations

185  
times ranked

3440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrokinetic separations with micellar solutions and open-tubular capillaries. <i>Analytical Chemistry</i> , 1984, 56, 111-113.	3.2	1,990
2	Electrokinetic chromatography with micellar solution and open-tubular capillary. <i>Analytical Chemistry</i> , 1985, 57, 834-841.	3.2	1,215
3	Electrokinetic chromatography with 2-O-carboxymethyl- $\beta$ -cyclodextrin as a moving "stationary" phase. <i>Journal of Chromatography A</i> , 1985, 332, 211-217.	1.8	292
4	Separation of enantiomers by capillary electrophoretic techniques. <i>Journal of Chromatography A</i> , 1994, 666, 295-319.	1.8	274
5	Electrokinetic chromatography with micellar solutions. <i>Journal of Chromatography A</i> , 1985, 332, 219-226.	1.8	242
6	Band broadening in electrokinetic chromatography with micellar solutions and open-tubular capillaries. <i>Analytical Chemistry</i> , 1989, 61, 251-260.	3.2	240
7	Electrokinetic chromatography with micellar solutions. <i>Journal of Chromatography A</i> , 1985, 348, 39-47.	1.8	225
8	Recent applications of on-line sample preconcentration techniques in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2014, 1335, 43-60.	1.8	179
9	Enantiomeric resolution by micellar electrokinetic chromatography with chiral surfactants. <i>Journal of Chromatography A</i> , 1990, 515, 221-226.	1.8	176
10	Effect of urea addition in micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1991, 545, 359-368.	1.8	164
11	Enantiomer separation of drugs by micellar electrokinetic chromatography using chiral surfactants. <i>Journal of Chromatography A</i> , 2000, 875, 163-178.	1.8	159
12	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
13	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
14	Effects of pH on electrokinetic velocities in micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 1989, 1, 150-154.	1.0	118
15	Sample concentration by sample stacking and sweeping using a microemulsion and a single-isomer sulfated $\beta$ -cyclodextrin as pseudostationary phases in electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1999, 838, 3-10.	1.8	105
16	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
17	Anion selective exhaustive injection-sweep "micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2001, 932, 129-137.	1.8	95
18	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

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19	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
20	Sweeping on a microchip: Concentration profiles of the focused zone in micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2001, 22, 3509-3513.	1.3	84
21	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
22	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
23	On-line sample concentration in micellar electrokinetic chromatography using cationic surfactants. <i>Journal of Chromatography A</i> , 2001, 916, 123-130.	1.8	77
24	Enantiomer separations by capillary electrochromatography using chiral stationary phases. <i>Journal of Chromatography A</i> , 2000, 887, 457-463.	1.8	75
25	Effects of methanol and urea on optical resolution of phenylthiohydantion-DL-amino acids by micellar electrokinetic chromatography with sodiumN-dodecanoyl-L-valinate. <i>Electrophoresis</i> , 1990, 11, 982-984.	1.3	71
26	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
27	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
28	Recent progress of online sample preconcentration techniques in microchip electrophoresis. <i>Journal of Separation Science</i> , 2008, 31, 2650-2666.	1.3	67
29	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
30	Enantiomeric separation by micellar electrokinetic chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 1993, 12, 125-130.	5.8	63
31	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
32	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
33	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
34	Quantitation and reproducibility in electrokinetic chromatography with micellar solutions. <i>Journal of Chromatography A</i> , 1987, 396, 350-354.	1.8	60
35	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
36	Optical resolution by high-performance capillary electrophoresis. <i>Journal of Chromatography A</i> , 1993, 652, 253-257.	1.8	59

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37	Strategy for selecting separation solutions in capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 817, 49-57.	1.8	59
38	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
39	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
40	Capillary electrophoretic techniques toward the metabolome analysis. <i>Pure and Applied Chemistry</i> , 2001, 73, 1563-1572.	0.9	54
41	Signal denoising and baseline correction by discrete wavelet transform for microchip capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 3260-3265.	1.3	54
42	Evaluation of an atmospheric pressure chemical ionization interface for capillary electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 30, 1889-1895.	1.4	54
43	On-line concentration of neutral analytes for micellar electrokinetic chromatography. <i>Biomedical Applications</i> , 1998, 714, 29-38.	1.7	53
44	Robust and simple interface for microchip electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1011, 181-192.	1.8	52
45	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
46	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
47	Separation of lipophilic compounds by micellar electrokinetic chromatography with organic modifiers. <i>Electrophoresis</i> , 1994, 15, 1280-1283.	1.3	49
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	Recent developments of point-of-care (POC) testing platform for biomolecules. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116160.	5.8	44
56	Rapid Enantioseparation of 1-Aminoindan by Microchip Electrophoresis with Linear-Imaging UV Detection. <i>Analytical Sciences</i> , 2005, 21, 61-65.	0.8	43
57	Recent progress in microchip electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 668-678.	1.4	43
58	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
59	Micellar Electrokinetic Chromatography. <i>Bulletin of the Chemical Society of Japan</i> , 1998, 71, 2465-2481.	2.0	41
60	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
61	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
62	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
63	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, 287-296.	1.8	37
64	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
65	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
66	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
67	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
68	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
69	Capillary electrochromatographic enantioseparations using a packed capillary with a 3 1/4m OD-type chiral packing. <i>Journal of Chromatography A</i> , 2001, 924, 251-257.	1.8	34
70	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
71	Recent Progress of On-line Sample Preconcentration Techniques in Microchip Electrophoresis. <i>Analytical Sciences</i> , 2012, 28, 85.	0.8	34
72	On-line sample preconcentration in micellar electrokinetic chromatography by sweeping with anionic-zwitterionic mixed micelles. <i>Journal of Chromatography A</i> , 2003, 985, 435-445.	1.8	33

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73	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, 111-117.	1.4	33
74	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
75	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
76	Ionization of dichlorophenols for their analysis by capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 924, 415-420.	1.8	31
77	Analysis of arsenic compounds by capillary electrophoresis using indirect UV and mass spectrometric detections. <i>Electrophoresis</i> , 2006, 27, 2233-2239.	1.3	31
78	Quantitation and on-line concentration of enantiomers in open-tubular capillary electrochromatography. <i>Electrophoresis</i> , 2001, 22, 3791-3797.	1.3	29
79	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
80	Toward 10 <sup>4</sup> -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
81	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
82	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
83	Development of a C60-fullerene bonded open-tubular capillary using a photo/thermal active agent for liquid chromatographic separations by $\pi$ - $\pi$ interactions. <i>Journal of Chromatography A</i> , 2014, 1323, 174-178.	1.8	27
84	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
85	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
86	Extra-column effects in high-performance capillary electrophoresis. <i>Journal of Chromatography A</i> , 1989, 480, 91-94.	1.8	22
87	Hydrophobic labeling of amino acids: Transient trapping-capillary/microchip electrophoresis. <i>Electrophoresis</i> , 2011, 32, 1233-1240.	1.3	22
88	Molecularly Imprinted Adsorbents for Selective Separation and/or Concentration of Environmental Pollutants. <i>Analytical Sciences</i> , 2014, 30, 97-104.	0.8	21
89	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
90	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

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91	Kinetics of the Decay Reactions of the N,N-Dimethyl-p-Toluidine Cation Radical in Acetonitrile. Acid-Base Interaction to Promote the CH <sub>2</sub> -CH <sub>2</sub> Bonding. Journal of Physical Chemistry A, 2002, 106, 8103-8108.	1.1	19
92	Zone electrophoresis of proteins in poly(dimethylsiloxane) (PDMS) microchip coated with physically adsorbed amphiphilic phospholipid polymer. Microfluidics and Nanofluidics, 2013, 14, 951-959.	1.0	19
93	Efficient extraction of estrogen receptor-active compounds from environmental surface water via a receptor-mimic adsorbent, a hydrophilic PEG-based molecularly imprinted polymer. Chemosphere, 2019, 217, 204-212.	4.2	19
94	Micellar electrokinetic chromatography on microchips. Journal of Separation Science, 2008, 31, 794-802.	1.3	18
95	Unique Separation Behavior of a C <sub>60</sub> Fullerene-Bonded Silica Monolith Prepared by an Effective Thermal Coupling Agent. Chemistry - A European Journal, 2015, 21, 18095-18098.	1.7	18
96	New platform for simple and rapid protein-based affinity reactions. Scientific Reports, 2017, 7, 178.	1.6	18
97	Isotope Effects on Hydrogen Bonding and CH/CD Interaction. Journal of Physical Chemistry C, 2018, 122, 15026-15032.	1.5	18
98	Separation of cationic polymer particles and characterization of avidin-immobilized particles by capillary electrophoresis. Electrophoresis, 2006, 27, 1031-1040.	1.3	17
99	Differentiating $\pi$ Interactions by Constructing Concave/Convex Surfaces Using a Bucky Bowl Molecule, Corannulene in Liquid Chromatography. Analytical Chemistry, 2019, 91, 2439-2446.	3.2	17
100	Separation of halogenated benzenes enabled by investigation of halogen interactions with carbon materials. Chemical Science, 2020, 11, 409-418.	3.7	17
101	Micellar Electrokinetic Chromatography. , 1996, 52, 125-156.		16
102	Capillary electrophoretic studies on the photogenotoxic potential of pharmaceutical substances. Journal of Chromatography A, 2008, 1188, 50-56.	1.8	16
103	Selective adsorption of carbohydrates and glycoproteins via molecularly imprinted hydrogels: application to visible detection by a boronic acid monomer. Chemical Communications, 2017, 53, 7290-7293.	2.2	16
104	Modeling of retention behavior in capillary electrochromatography from chromatographic and electrophoretic data. Journal of Chromatography A, 2002, 959, 241-253.	1.8	15
105	Online coupling of sample preconcentration by LVSEP with gel electrophoretic separation on T-channel chips. Electrophoresis, 2017, 38, 380-386.	1.3	15
106	Substituted meso-vinyl-BODIPY as thiol-selective fluorogenic probes for sensing unfolded proteins in the endoplasmic reticulum. Chemical Communications, 2021, 57, 1818-1821.	2.2	15
107	Simultaneous determination of amphoteric surfactants in detergents by capillary electrophoresis with indirect UV detection. Journal of Chromatography A, 2007, 1139, 136-142.	1.8	14
108	Sensitive enantioseparation by transient trapping-cyclodextrin electrokinetic chromatography. Journal of Chromatography A, 2012, 1269, 366-371.	1.8	14

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109	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
110	Carbon-Based Nanomaterials for Separation Media. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 482-489.	2.0	14
111	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
112	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
113	Effects of compositions of dimethyl- $\beta$ -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
114	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
115	Fundamental Studies on Electrokinetic Chromatography with PEGylated Phospholipid Micelles. <i>Analytical Sciences</i> , 2008, 24, 155-159.	0.8	12
116	C <sub>60</sub> -Fullerene Bonded Silica Monolithic Capillary for Specific Separations of Aromatic Compounds. <i>Chromatography</i> , 2015, 36, 105-113.	0.8	12
117	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
118	Development of a C <sub>70</sub> -Fullerene Bonded Silica-Monolithic Capillary and Its Retention Characteristics in Liquid Chromatography. <i>Chromatography</i> , 2017, 38, 45-51.	0.8	12
119	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
120	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
121	Validation of Capillary Zone Electrophoretic Method for Evaluating Monoclonal Antibodies and Antibody-Drug Conjugates. <i>Chromatography</i> , 2016, 37, 117-124.	0.8	11
122	Three-Dimensional Fabrication for Microfluidics by Conventional Techniques and Equipment Used in Mass Production. <i>Micromachines</i> , 2016, 7, 82.	1.4	11
123	Specific Intermolecular Interactions by the Localized $\pi$ -Electrons in C <sub>70</sub> -fullerene. <i>ChemistrySelect</i> , 2016, 1, 5900-5904.	0.7	11
124	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
125	Tunable Liquid Chromatographic Separation of H/D Isotopologues Enabled by Aromatic $\pi$ -Interactions. <i>Analytical Chemistry</i> , 2020, 92, 4065-4072.	3.2	10
126	Separation of complex mixtures of fluorobenzoic acids by capillary electrophoresis. <i>Journal of Separation Science</i> , 2009, 32, 381-387.	1.3	9



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127	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
128	Antibacterial activities effectuated by co-continuous epoxy-based polymer materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 107, 53-58.	2.5	8
129	Separation of saccharides using fullerene-bonded silica monolithic columns via $\pi$ - $\pi$ interactions in liquid chromatography. <i>Scientific Reports</i> , 2020, 10, 13850.	1.6	8
130	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
131	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
132	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
133	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
134	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
135	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
136	Enantioseparation of Reduced Haloperidol by Capillary Zone Electrophoresis with Dimethyl $\beta$ -Cyclodextrin. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 141-144.	0.8	6
137	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
138	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
139	Sensitivity Enhancement by Sweeping &lt;i>via</i> Solid Phase Extraction Using Titania Nanoparticles in Capillary Electrophoretic Analysis of Phosphopeptides. <i>Chromatography</i> , 2017, 38, 39-43.	0.8	6
140	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
141	Controllable Molecular Sieving by <i>copoly</i> (Poly(ethylene glycol) Acrylate/Poly(ethylene glycol)) Tj ETQq1 1 0.784314 rgBT /Overbo Materials, 2020, 2, 3886-3893.	2.0	6
142	Tunable Molecular Sieving in Gel Electrophoresis Using a Poly(ethylene glycol)-Based Hydrogel. <i>Chromatography</i> , 2014, 35, 81-86.	0.8	5
143	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
144	Recent advances in microscale separation techniques for lipidome analysis. <i>Analyst, The</i> , 2021, 146, 7418-7430.	1.7	5

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145	Chiral Micellar Electrokinetic Chromatography. , 2004, 243, 355-364.		4
146	Trace level determination of polycyclic aromatic hydrocarbons in river water with automated pretreatment <sc>HPLC</sc>. Journal of Separation Science, 2013, 36, 1128-1134.	1.3	4
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