

Milton L Lee

List of Publications by Year in descending order

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264
papers

6,897
citations

61857

43
h-index

114278

63
g-index

268
all docs

268
docs citations

268
times ranked

3454
citing authors

#	ARTICLE	IF	CITATIONS
1	Online monitoring of small volume reactions using compact liquid chromatography instrumentation. <i>Separation Science Plus</i> , 2022, 5, 213-219.	0.3	3
2	Simulating Capillary Gas Chromatographic Separations including Thermal Gradient Conditions. <i>Analytical Chemistry</i> , 2021, 93, 2291-2298.	3.2	7
3	Comparison of Static Thermal Gradient to Isothermal Conditions in Gas Chromatography Using a Stochastic Transport Model. <i>Analytical Chemistry</i> , 2021, 93, 6739-6745.	3.2	2
4	Comparison of the Dynamic Thermal Gradient to Temperature-Programmed Conditions in Gas Chromatography Using a Stochastic Transport Model. <i>Analytical Chemistry</i> , 2021, 93, 11785-11791.	3.2	3
5	Portable capillary liquid chromatography for pharmaceutical and illicit drug analysis. <i>Journal of Separation Science</i> , 2020, 43, 1623-1627.	1.3	36
6	Stainless-Steel Column for Robust, High-Temperature Microchip Gas Chromatography. <i>Analytical Chemistry</i> , 2019, 91, 792-796.	3.2	12
7	Microchip gas chromatography columns, interfacing and performance. <i>Talanta</i> , 2018, 188, 463-492.	2.9	36
8	Coiled wire filament sample introduction for gas chromatography–mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2018, 427, 123-132.	0.7	1
9	Preparation of an organic monolithic column based on carboxyethyl acrylate for capillary liquid chromatography. <i>Separation Science Plus</i> , 2018, 1, 597-602.	0.3	1
10	Improvement in Liquid Chromatographic Performance of Organic Polymer Monolithic Capillary Columns with Controlled Free-Radical Polymerization. <i>Journal of Chromatographic Science</i> , 2017, 55, 398-404.	0.7	3
11	Retention behavior of isomeric polycyclic aromatic sulfur heterocycles in gas chromatography on stationary phases of different selectivity. <i>Journal of Chromatography A</i> , 2017, 1485, 120-130.	1.8	15
12	Retention behavior of alkyl-substituted polycyclic aromatic sulfur heterocycle isomers in gas chromatography on stationary phases of different selectivity. <i>Journal of Chromatography A</i> , 2017, 1484, 73-84.	1.8	7
13	Editorial for the special issue entitled “Extraction and Sample Preparation Techniques in Bioanalysis”. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 1-2.	1.2	4
14	Concentrically packed high flow air sampler for parts-per-trillion volatile and semi-volatile organica compounds. <i>Journal of Chromatography A</i> , 2017, 1502, 1-7.	1.8	6
15	Compact Ultrahigh-Pressure Nanoflow Capillary Liquid Chromatograph. <i>Analytical Chemistry</i> , 2017, 89, 807-812.	3.2	36
16	Controlled crosslinking of trimethylolpropane trimethacrylate for preparation of organic monolithic columns for capillary liquid chromatography. <i>Electrophoresis</i> , 2017, 38, 3029-3035.	1.3	3
17	Extending the upper temperature range of gas chromatography with all-silicon microchip columns using a heater/clamp assembly. <i>Journal of Chromatography A</i> , 2017, 1517, 134-141.	1.8	20
18	Dual-wavelength light-emitting diode-based ultraviolet absorption detector for nano-flow capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1523, 242-247.	1.8	26

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19	Retention behavior of alkyl-substituted polycyclic aromatic sulfur heterocycles in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1461, 120-130.	1.8	11
20	Retention behavior of isomeric polycyclic aromatic sulfur heterocycles in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1461, 107-119.	1.8	17
21	Flow rate dependent extra-column variance from injection in capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1380, 38-44.	1.8	16
22	Hand-portable liquid chromatographic instrumentation. <i>Journal of Chromatography A</i> , 2015, 1421, 38-47.	1.8	44
23	Hand-Portable Gradient Capillary Liquid Chromatography Pumping System. <i>Analytical Chemistry</i> , 2015, 87, 10457-10461.	3.2	36
24	LED-Based UV Absorption Detector with Low Detection Limits for Capillary Liquid Chromatography. <i>Analytical Chemistry</i> , 2015, 87, 1381-1386.	3.2	49
25	Axial thermal gradients in microchip gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1374, 216-223.	1.8	28
26	Instrumentation for hand-portable liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1327, 80-89.	1.8	51
27	Moving thermal gradients in gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1374, 189-198.	1.8	16
28	Fabrication of highly cross-linked reversed-phase monolithic columns via living radical polymerization. <i>Journal of Chromatography A</i> , 2014, 1367, 90-98.	1.8	20
29	Size separation of biomolecules and bioparticles using micro/nanofabricated structures. <i>Analytical Methods</i> , 2014, 6, 27-37.	1.3	21
30	High efficiency polyethylene glycol diacrylate monoliths for reversed-phase capillary liquid chromatography of small molecules. <i>Journal of Chromatography A</i> , 2014, 1364, 96-106.	1.8	28
31	Correlation of chromatographic performance with morphological features of organic polymer monoliths. <i>Journal of Chromatography A</i> , 2014, 1334, 20-29.	1.8	22
32	Organic monoliths for high-performance reversed-phase liquid chromatography. <i>Journal of Separation Science</i> , 2013, 36, 2767-2781.	1.3	56
33	Dynamic thermal gradient gas chromatography. <i>Journal of Chromatography A</i> , 2013, 1302, 143-151.	1.8	22
34	Highly crosslinked polymeric monoliths with various C6 functional groups for reversed-phase capillary liquid chromatography of small molecules. <i>Journal of Chromatography A</i> , 2013, 1321, 80-87.	1.8	21
35	Equilibrium distribution sampling device for preparation of calibration mixtures for gas chromatography-mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 6312.	1.3	6
36	Peak sweeping and gating using thermal gradient gas chromatography. <i>Journal of Chromatography A</i> , 2013, 1278, 160-165.	1.8	17

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37	Gas chromatography using resistive heating technology. <i>Journal of Chromatography A</i> , 2012, 1261, 46-57.	1.8	46
38	Characterizing Organic Monolithic Columns Using Capillary Flow Porometry and Scanning Electron Microscopy. <i>Analytical Chemistry</i> , 2012, 84, 247-254.	3.2	21
39	Monolithic bed structure for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1219, 1-14.	1.8	73
40	Highly crosslinked polymeric monoliths for reversed-phase capillary liquid chromatography of small molecules. <i>Journal of Chromatography A</i> , 2012, 1227, 96-104.	1.8	41
41	Organic Monolith Column Technology for Capillary Liquid Chromatography. <i>Advances in Chromatography</i> , 2012, 50, 237-280.	1.0	3
42	One-step conversion of dipicolinic acid to its dimethyl ester using monomethyl sulfate salts for GC-MS detection of bacterial endospores. <i>Analytical Methods</i> , 2011, 3, 245-258.	1.3	4
43	Preparation of zwitterionic polymeric monolithic columns for hydrophilic interaction capillary liquid chromatography. <i>Journal of Separation Science</i> , 2011, 34, 2088-2096.	1.3	16
44	Weak cation-exchange monolithic column for capillary liquid chromatography of peptides and proteins. <i>Journal of Separation Science</i> , 2011, 34, 2063-2071.	1.3	12
45	Monolithic capillary columns synthesized from a single phosphate-containing dimethacrylate monomer for cation-exchange chromatography of peptides and proteins. <i>Journal of Chromatography A</i> , 2011, 1218, 4322-4331.	1.8	20
46	Preparation of monoliths from single crosslinking monomers for reversed-phase capillary chromatography of small molecules. <i>Journal of Chromatography A</i> , 2011, 1218, 1399-1408.	1.8	64
47	Polymeric cation-exchange monolithic columns containing phosphoric acid functional groups for capillary liquid chromatography of peptides and proteins. <i>Journal of Chromatography A</i> , 2010, 1217, 3844-3854.	1.8	42
48	Monoliths from poly(ethylene glycol) diacrylate and dimethacrylate for capillary hydrophobic interaction chromatography of proteins. <i>Journal of Chromatography A</i> , 2010, 1217, 4934-4945.	1.8	64
49	Simple capillary flow porometer for characterization of capillary columns containing packed and monolithic beds. <i>Journal of Chromatography A</i> , 2010, 1217, 6405-6412.	1.8	15
50	Size-exclusion separation of proteins using a biocompatible polymeric monolithic capillary column with mesoporosity. <i>Journal of Chromatography A</i> , 2010, 1217, 8181-8185.	1.8	32
51	Differentiation of <i>Bacillus</i> endospore species from fatty acid methyl ester biomarkers. <i>Analytical Methods</i> , 2010, 2, 638.	1.3	6
52	Polymeric strong cation-exchange monolithic column for capillary liquid chromatography of peptides and proteins. <i>Journal of Separation Science</i> , 2009, 32, 2565-2573.	1.3	24
53	Biocompatible polymeric monoliths for protein and peptide separations. <i>Journal of Separation Science</i> , 2009, 32, 3369-3378.	1.3	54
54	Performance optimization in electric field gradient focusing. <i>Journal of Chromatography A</i> , 2009, 1216, 159-164.	1.8	16

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55	Preparation of polymeric monoliths by copolymerization of acrylate monomers with amine functionalities for anion-exchange capillary liquid chromatography of proteins. <i>Journal of Chromatography A</i> , 2009, 1216, 5525-5532.	1.8	72
56	Bilinear electric field gradient focusing. <i>Journal of Chromatography A</i> , 2009, 1216, 6532-6538.	1.8	13
57	Sample introduction in gas chromatography using a coiled wire filament. <i>Journal of Chromatography A</i> , 2009, 1216, 6852-6857.	1.8	7
58	Functionalization of Deuterium- and Hydrogen-Terminated Diamond Particles with Mono- and Multilayers using Di- <i>tert</i> -Amyl Peroxide and Their Use in Solid Phase Extraction. <i>Chemistry of Materials</i> , 2009, 21, 4359-4365.	3.2	18
59	Poly(ethylene glycol)-Functionalized Polymeric Microchips for Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2009, 81, 6278-6284.	3.2	22
60	Poly[hydroxyethyl acrylate-co-poly(ethylene glycol) diacrylate] Monolithic Column for Efficient Hydrophobic Interaction Chromatography of Proteins. <i>Analytical Chemistry</i> , 2009, 81, 9416-9424.	3.2	47
61	Preparation of Polymer Monoliths That Exhibit Size Exclusion Properties for Proteins and Peptides. <i>Analytical Chemistry</i> , 2009, 81, 4406-4413.	3.2	60
62	Influence of varying electroosmotic flow on the effective diffusion in electric field gradient separations. <i>Electrophoresis</i> , 2008, 29, 549-560.	1.3	11
63	Programed elution and peak profiles in electric field gradient focusing. <i>Electrophoresis</i> , 2008, 29, 1058-1066.	1.3	13
64	Surface modification of polymer microfluidic devices using in-channel atom transfer radical polymerization. <i>Electrophoresis</i> , 2008, 29, 2760-2767.	1.3	18
65	Hand-portable gas chromatograph-toroidal ion trap mass spectrometer (GC-TMS) for detection of hazardous compounds. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1425-1434.	1.2	225
66	Surface Modification of Glycidyl-Containing Poly(methyl methacrylate) Microchips Using Surface-Initiated Atom-Transfer Radical Polymerization. <i>Analytical Chemistry</i> , 2008, 80, 856-863.	3.2	32
67	Poly(ethylene glycol)-Functionalized Devices for Electric Field Gradient Focusing. <i>Analytical Chemistry</i> , 2008, 80, 451-460.	3.2	20
68	Polymer Monoliths with Low Hydrophobicity for Strong Cation-Exchange Capillary Liquid Chromatography of Peptides and Proteins. <i>Analytical Chemistry</i> , 2007, 79, 5848-5855.	3.2	58
69	Adsorption-Resistant Acrylic Copolymer for Prototyping of Microfluidic Devices for Proteins and Peptides. <i>Analytical Chemistry</i> , 2007, 79, 1926-1931.	3.2	34
70	Coupled affinity-hydrophobic monolithic column for on-line removal of immunoglobulin G, preconcentration of low abundance proteins and separation by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2007, 1148, 115-122.	1.8	29
71	Influence of transport properties in electric field gradient focusing. <i>Journal of Chromatography A</i> , 2007, 1160, 311-319.	1.8	18
72	Mechanical ion gate for electrospray-ionization ion-mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 189-194.	1.9	11

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73	Efficient Polymer Monolith for Strong Cation-Exchange Capillary Liquid Chromatography of Peptides. <i>Analytical Chemistry</i> , 2006, 78, 3509-3518.	3.2	84
74	Pseudolinear Gradient Ultrahigh-Pressure Liquid Chromatography Using an Injection Valve Assembly. <i>Analytical Chemistry</i> , 2006, 78, 858-864.	3.2	13
75	Fabrication of Conductive Membrane in a Polymeric Electric Field Gradient Focusing Microdevice. <i>Analytical Chemistry</i> , 2006, 78, 4654-4662.	3.2	40
76	Ultrahigh pressure liquid chromatography using elevated temperature. <i>Journal of Chromatography A</i> , 2006, 1104, 198-202.	1.8	57
77	Sub-2 μ m porous and nonporous particles for fast separation in reversed-phase high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1131, 142-150.	1.8	53
78	Tandem electric field gradient focusing system for isolation and concentration of target proteins. <i>Journal of Chromatography A</i> , 2006, 1125, 254-262.	1.8	22
79	Miniature toroidal radio frequency ion trap mass analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 916-922.	1.2	115
80	New interface plate for microspray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1087-1091.	1.9	13
81	Permanent surface modification of polymeric capillary electrophoresis microchips for protein and peptide analysis. <i>Electrophoresis</i> , 2006, 27, 3533-3546.	1.3	99
82	Preparation and evaluation of poly(polyethylene glycol methyl ether acrylate-co-polyethylene glycol) Tj ETQq0 0 0 r gBT /Overlock 10 Tf 5	1.8	46
83	Design and evaluation of a coupled monolithic preconcentrator-capillary zone electrophoresis system for the extraction of immunoglobulin G from human serum. <i>Journal of Chromatography A</i> , 2005, 1097, 171-178.	1.8	53
84	Field gradient electrophoresis. <i>Electrophoresis</i> , 2005, 26, 405-414.	1.3	18
85	Surface-Reactive Acrylic Copolymer for Fabrication of Microfluidic Devices. <i>Analytical Chemistry</i> , 2005, 77, 6280-6287.	3.2	21
86	Surface-Modified Poly(methyl methacrylate) Capillary Electrophoresis Microchips for Protein and Peptide Analysis. <i>Analytical Chemistry</i> , 2004, 76, 6948-6955.	3.2	120
87	Electric Field Gradient Focusing of Proteins Based on Shaped Ionically Conductive Acrylic Polymer. <i>Analytical Chemistry</i> , 2004, 76, 5641-5648.	3.2	82
88	Analytical Performance of a Venturi Device Integrated into an Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometer for Analysis of Nucleic Acids. <i>Analytical Chemistry</i> , 2004, 76, 4118-4122.	3.2	43
89	Voltage-controlled separation of proteins by electromobility focusing in a dialysis hollow fiber. <i>Journal of Chromatography A</i> , 2003, 985, 455-462.	1.8	38
90	Elevated-temperature ultrahigh-pressure liquid chromatography using very small polybutadiene-coated nonporous zirconia particles. <i>Journal of Chromatography A</i> , 2003, 983, 83-89.	1.8	58

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91	Safety concerns in ultrahigh pressure capillary liquid chromatography using air-driven pumps. <i>Journal of Chromatography A</i> , 2003, 991, 189-196.	1.8	26
92	Advantages and limitations of coupling isotachopheresis and comprehensive isotachopheresis capillary electrophoresis to time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 992, 169-179.	1.8	47
93	Application of diaza-18-crown-6-capped β -cyclodextrin bonded silica particles as chiral stationary phases for ultrahigh pressure capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 1002, 63-70.	1.8	38
94	Synthesis of micron diameter polybutadiene-encapsulated non-porous zirconia particles for ultrahigh pressure liquid chromatography. <i>Journal of Chromatography A</i> , 2003, 1002, 71-78.	1.8	43
95	Incorporation of a Venturi Device in Electrospray Ionization. <i>Analytical Chemistry</i> , 2003, 75, 5978-5983.	3.2	51
96	Equilibrium Gradient Methods with Nonlinear Field Intensity Gradient: A Theoretical Approach. <i>Analytical Chemistry</i> , 2002, 74, 4456-4463.	3.2	40
97	Analytical equilibrium gradient methods. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 125-135.	1.9	37
98	Synthesis of cyclam-capped β -cyclodextrin-bonded silica particles for use as chiral stationary phases in capillary electrochromatography. <i>Tetrahedron Letters</i> , 2002, 43, 2463-2466.	0.7	21
99	Metal complex-substituted polysiloxanes as novel coatings for capillary electrophoresis and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2002, 954, 247-258.	1.8	9
100	Performance of metal complex substituted polysiloxanes in capillary electrophoresis and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2002, 967, 289-301.	1.8	4
101	Comparison of Empirical Peak Capacities for High-Efficiency Capillary Chromatographic Techniques. <i>Analytical Chemistry</i> , 2001, 73, 1301-1306.	3.2	21
102	Simple gradient system For capillary electrochromatography. <i>Journal of Separation Science</i> , 2001, 13, 351-360.	1.0	7
103	Comprehensive isotachopheresis-capillary zone electrophoresis using directly inserted columns having different diameters with a periodic counterflow and dual ultraviolet detectors. <i>Journal of Separation Science</i> , 2001, 13, 361-370.	1.0	13
104	Packed capillary column solvating gas chromatography using neat water mobile phase and flame ionization detection. <i>Journal of Separation Science</i> , 2001, 13, 41-47.	1.0	25
105	Practical aspects of ultrahigh pressure capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 911, 1-12.	1.8	143
106	Continuous-bed columns containing sol-gel bonded octadecylsilica for capillary liquid chromatography. <i>Journal of Separation Science</i> , 2000, 12, 6-12.	1.0	23
107	Comprehensive two-dimensional separations using microcolumns. <i>Journal of Separation Science</i> , 2000, 12, 241-254.	1.0	34
108	Continuous-Bed Columns Containing Sol-Gel Bonded Packing Materials for Capillary Electrochromatography. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 73-80.	2.0	52

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109	Fast liquid chromatography/time-of-flight mass spectrometry using sol-gel bonded continuous-bed capillary columns. <i>Journal of Separation Science</i> , 2000, 12, 442-449.	1.0	10
110	Fast chiral separations using packed capillary columns and near-critical fluid carbon dioxide mobile phase. <i>Journal of Separation Science</i> , 2000, 12, 454-461.	1.0	8
111	Ultrahigh pressure liquid chromatography/time-of-flight mass spectrometry for fast separations. <i>Journal of Separation Science</i> , 2000, 12, 462-469.	1.0	47
112	Effect of pore size on speed of chiral separations using packed capillary column SFC. <i>Journal of Separation Science</i> , 2000, 12, 475-481.	1.0	2
113	Fast gas chromatography: packed column solvating gas chromatography versus open tubular column gas chromatography. <i>Journal of Chromatography A</i> , 2000, 892, 3-13.	1.8	17
114	Reversed-phase liquid chromatography of proteins and peptides using multimodal copolymer-encapsulated silica. <i>Journal of Chromatography A</i> , 2000, 866, 1-14.	1.8	13
115	Airborne Aldehydes from Heating Rosin Core Solder and Liquid Rosin Flux to Soldering Temperatures. <i>AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2000, 61, 95-101.	0.4	2
116	Low temperature iron- and nickel-catalyzed reactions leading to coalbed gas formation. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 643-649.	1.6	30
117	RAPID SEPARATION OF NITROAROMATIC COMPOUNDS BY SOLVATING GAS CHROMATOGRAPHY. <i>Drug and Chemical Toxicology</i> , 2000, 23, 155-160.	1.2	3
118	Mechanisms and Kinetics of Reactions Leading to Natural Gas Formation during Coal Maturation. <i>Energy & Fuels</i> , 2000, 14, 235-259.	2.5	24
119	Response to Comments on Adsorption versus Absorption of Polychlorinated Biphenyls onto Solid-Phase Microextraction Coatings. <i>Analytical Chemistry</i> , 2000, 72, 642-643.	3.2	99
120	Automated Instrumentation for Comprehensive Isotachopheresis~Capillary Zone Electrophoresis. <i>Analytical Chemistry</i> , 2000, 72, 816-820.	3.2	50
121	Universal Chromatography for Fast Separations. <i>ACS Symposium Series</i> , 1999, , 179-202.	0.5	1
122	Chemical Detection in Deployment Toxicology Using High Speed Gas Chromatography with a Solvating Mobile Phase and Time-of-Flight Mass Spectrometry. <i>Drug and Chemical Toxicology</i> , 1999, 22, 57-71.	1.2	2
123	Effect of electrospray needle voltage on electroosmotic flow in capillary electrophoresis-mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 261-264.	1.2	9
124	Synthesis of a chiral macrocyclic dibenzodicyclohexanotetraamide~containing stationary phase for liquid chromatography. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 381-387.	1.4	10
125	Fast Solvating Gas Chromatography of Environmentally Important Compounds Using Polymer-Encapsulated Silica Particles. <i>Journal of High Resolution Chromatography</i> , 1999, 22, 541-546.	2.0	5
126	Design and evaluation of a new capillary electrochromatography system. <i>Electrophoresis</i> , 1999, 20, 67-73.	1.3	23

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127	Capillary electrophoresis time-of-flight mass spectrometry of paraquat and diquat herbicides. <i>Journal of Separation Science</i> , 1999, 11, 117-123.	1.0	27
128	Theoretical optimization of packed capillary column liquid chromatography using nonporous particles. <i>Journal of Separation Science</i> , 1999, 11, 131-140.	1.0	3
129	Capillary isoelectric focusing-electrospray ionization time-of-flight mass spectrometry for protein analysis. , 1999, 11, 193-197.		12
130	Voltage programming in capillary electrochromatography. <i>Journal of Separation Science</i> , 1999, 11, 271-275.	1.0	26
131	Separation of perfluorinated polyethers using packed capillary column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1999, 11, 287-297.	1.0	3
132	Solvating gas-solid chromatography. <i>Journal of Separation Science</i> , 1999, 11, 359-365.	1.0	3
133	In situ crosslinked polybutadiene-encapsulated zirconia as a monolithic column for fast solvating gas chromatography. <i>Journal of Separation Science</i> , 1999, 11, 415-420.	1.0	12
134	Continuous bed columns containing sol-gel bonded large-pore octadecylsilica for capillary electrochromatography. <i>Journal of Separation Science</i> , 1999, 11, 550-561.	1.0	29
135	Fast ultrahigh-pressure liquid chromatography: On-column UV and time-of-flight mass spectrometric detection. <i>Journal of Separation Science</i> , 1999, 11, 631-643.	1.0	90
136	Porous and Nonporous Particles in Packed Capillary Column Solvating Gas Chromatography. <i>Analytical Chemistry</i> , 1999, 71, 5084-5092.	3.2	13
137	Fast ultrahigh-pressure liquid chromatography: On-column UV and time-of-flight mass spectrometric detection. , 1999, 11, 631.		2
138	Migration markers for capillary isotachopheresis of ribonucleotides. <i>Journal of Separation Science</i> , 1998, 10, 423-430.	1.0	5
139	Polypropylene hollow fibers modified with PMMA for capillary electrophoresis. <i>Journal of Separation Science</i> , 1998, 10, 605-609.	1.0	12
140	General Equation for Peak Capacity in Column Chromatography. <i>Analytical Chemistry</i> , 1998, 70, 3853-3856.	3.2	47
141	Geochemical Significance of n-Alkane Compositional-Trait Variations in Coals. <i>Energy & Fuels</i> , 1998, 12, 277-283.	2.5	8
142	Counterflow Isotachopheresis~Capillary Zone Electrophoresis on Directly Coupled Columns of Different Diameters. <i>Analytical Chemistry</i> , 1998, 70, 3777-3780.	3.2	30
143	Packed Capillary Column Solvating Gas Chromatography Using Mobile Phases That Transition from Liquid to Gas between the Column Inlet and Outlet. <i>Analytical Chemistry</i> , 1998, 70, 737-742.	3.2	16
144	Supercritical Fluid Chromatographic Detection by use of a Parallel Flow Restrictor. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 3389-3399.	0.5	1

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145	Fundamental Considerations of Packed-Capillary GC, SFC, and LC Using Nonporous Silica Particles. <i>Analytical Chemistry</i> , 1997, 69, 628-635.	3.2	41
146	Determination of Volatile Hydrocarbons in Coals and Shales Using Supercritical Fluid Extraction and Chromatography. <i>Energy & Fuels</i> , 1997, 11, 945-950.	2.5	15
147	Porous Layer Solid Phase Microextraction Using Silica Bonded Phases. <i>Analytical Chemistry</i> , 1997, 69, 190-195.	3.2	120
148	High-Efficiency Solvating Gas Chromatography Using Packed Capillaries. <i>Analytical Chemistry</i> , 1997, 69, 2541-2549.	3.2	28
149	A built-in route leading to a self-inclusion complex of 6 ^A ,6 ^B -bis(allyloxyphenyl)hexakis(2,3-dimethyl-6-cyano-1,4-dioxane) cyclodextrin. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 983-987.		
150	High-speed gas chromatography using packed capillary columns. <i>Journal of Separation Science</i> , 1997, 9, 21-27.	1.0	15
151	Hydrophilic polymethylmethacrylate hollow fibers for capillary electrophoresis of biomolecules. <i>Journal of Separation Science</i> , 1997, 9, 57-62.	1.0	22
152	Elevated temperature liquid chromatography using reversed-phase packed capillary columns. <i>Journal of Separation Science</i> , 1997, 9, 63-72.	1.0	27
153	High-speed gas chromatography using packed capillary columns. <i>Journal of Separation Science</i> , 1997, 9, 519-519.	1.0	2
154	High speed solvating gas chromatography using packed capillaries containing sub-5 μ m particles. <i>Journal of Chromatography A</i> , 1997, 778, 31-42.	1.8	34
155	Design and Optimization of a Corona Discharge Ion Source for Supercritical Fluid Chromatography Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 1996, 68, 1924-1932.	3.2	18
156	Enantioselective binding of α -pinene and of some cyclohexanetriol derivatives by cyclodextrin hosts: A molecular modeling study. <i>Journal of Computational Chemistry</i> , 1996, 17, 931-939.	1.5	30
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