

Milton L Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8657274/publications.pdf>

Version: 2024-02-01

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	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
2	Practical aspects of ultrahigh pressure capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 911, 1-12.	1.8	143
3	Porous Layer Solid Phase Microextraction Using Silica Bonded Phases. <i>Analytical Chemistry</i> , 1997, 69, 190-195.	3.2	120
4	Surface-Modified Poly(methyl methacrylate) Capillary Electrophoresis Microchips for Protein and Peptide Analysis. <i>Analytical Chemistry</i> , 2004, 76, 6948-6955.	3.2	120
5	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
6	Adsorption on polymer-coated fused-silica capillary electrophoresis columns using selected protein and peptide standards. <i>Analytical Chemistry</i> , 1993, 65, 2747-2752.	3.2	104
7	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
8	Permanent surface modification of polymeric capillary electrophoresis microchips for protein and peptide analysis. <i>Electrophoresis</i> , 2006, 27, 3533-3546.	1.3	99
9	Preparation of long packed capillary columns using carbon dioxide slurries. <i>Journal of Separation Science</i> , 1993, 5, 361-369.	1.0	90
10	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
11	Preparation of glass capillary columns for gas chromatography. <i>Journal of Chromatography A</i> , 1980, 184, 235-312.	1.8	86
12	Efficient Polymer Monolith for Strong Cation-Exchange Capillary Liquid Chromatography of Peptides. <i>Analytical Chemistry</i> , 2006, 78, 3509-3518.	3.2	84
13	Electric Field Gradient Focusing of Proteins Based on Shaped Ionically Conductive Acrylic Polymer. <i>Analytical Chemistry</i> , 2004, 76, 5641-5648.	3.2	82
14	Synthesis of phenanthro[<i>b</i>]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1980, 17, 1259-1264.	1.4	74
15	Monolithic bed structure for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1219, 1-14.	1.8	73
16	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
17	The synthesis of dinaphthothiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1143-1148.	1.4	67
18	High efficiency cross-linked polyacrylamide coating for capillary electrophoresis of proteins. <i>Journal of Separation Science</i> , 1992, 4, 233-238.	1.0	65

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Preparation of Polymer Monoliths That Exhibit Size Exclusion Properties for Proteins and Peptides. <i>Analytical Chemistry</i> , 2009, 81, 4406-4413.	3.2	60
22	Synthesis of anthra[<i>b</i>]thiophenes and benzo[<i>b</i>]naphtho[<i>d</i>]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1981, 18, 967-972.	1.4	59
23	Fluid phase equilibria in supercritical fluid chromatography with CO ₂ -based mixed mobile phases: A review. <i>Journal of Separation Science</i> , 1992, 4, 91-122.	1.0	58
24	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
25	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
26	Ultrahigh pressure liquid chromatography using elevated temperature. <i>Journal of Chromatography A</i> , 2006, 1104, 198-202.	1.8	57
27	Organic monoliths for high-performance reversed-phase liquid chromatography. <i>Journal of Separation Science</i> , 2013, 36, 2767-2781.	1.3	56
28	Biocompatible polymeric monoliths for protein and peptide separations. <i>Journal of Separation Science</i> , 2009, 32, 3369-3378.	1.3	54
29	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
30	Sub-2½µm 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
31	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
32	Incorporation of a Venturi Device in Electrospray Ionization. <i>Analytical Chemistry</i> , 2003, 75, 5978-5983.	3.2	51
33	Instrumentation for hand-portable liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1327, 80-89.	1.8	51
34	Automated Instrumentation for Comprehensive Isotachopheresis~Capillary Zone Electrophoresis. <i>Analytical Chemistry</i> , 2000, 72, 816-820.	3.2	50
35	Microbial mutagenicity of isomeric two-, three-, and four-ring amino polycyclic aromatic hydrocarbons. <i>Environmental Mutagenesis</i> , 1984, 6, 497-515.	1.4	49
36	LED-Based UV Absorption Detector with Low Detection Limits for Capillary Liquid Chromatography. <i>Analytical Chemistry</i> , 2015, 87, 1381-1386.	3.2	49

#	ARTICLE	IF	CITATIONS
37	Simultaneous deactivation and coating of porous silica particles for microcolumn supercritical fluid chromatography. <i>Analytical Chemistry</i> , 1990, 62, 1379-1384.	3.2	47
38	General Equation for Peak Capacity in Column Chromatography. <i>Analytical Chemistry</i> , 1998, 70, 3853-3856.	3.2	47
39	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
40	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
41	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
42	Preparation and evaluation of poly(polyethylene glycol methyl ether acrylate-co-polyethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	46
43	Gas chromatography using resistive heating technology. <i>Journal of Chromatography A</i> , 2012, 1261, 46-57.	1.8	46
44	The synthesis of benzo[<i>b</i>]phenanthro[<i>d</i>]thiophenes and anthra[<i>b</i>]benzo[<i>d</i>]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 861-866.	1.4	44
45	Hand-portable liquid chromatographic instrumentation. <i>Journal of Chromatography A</i> , 2015, 1421, 38-47.	1.8	44
46	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
47	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
48	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
49	Capillary Column Gas Chromatography of Environmental Polycyclic Aromatic Compounds. <i>International Journal of Environmental Analytical Chemistry</i> , 1982, 11, 251-262.	1.8	41
50	Fundamental Considerations of Packed-Capillary GC, SFC, and LC Using Nonporous Silica Particles. <i>Analytical Chemistry</i> , 1997, 69, 628-635.	3.2	41
51	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
52	Equilibrium Gradient Methods with Nonlinear Field Intensity Gradient: A Theoretical Approach. <i>Analytical Chemistry</i> , 2002, 74, 4456-4463.	3.2	40
53	Fabrication of Conductive Membrane in a Polymeric Electric Field Gradient Focusing Microdevice. <i>Analytical Chemistry</i> , 2006, 78, 4654-4662.	3.2	40
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Synthesis of pyreno[2,3- <i>b</i>]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1981, 18, 973-975.	1.4	37
57	Analytical equilibrium gradient methods. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 125-135.	1.9	37
58	Evaluation of surface-bonded polyethylene glycol and polyethylene imine in capillary electrophoresis. <i>Journal of Separation Science</i> , 1992, 4, 135-143.	1.0	36
59	Hand-Portable Gradient Capillary Liquid Chromatography Pumping System. <i>Analytical Chemistry</i> , 2015, 87, 10457-10461.	3.2	36
60	Compact Ultrahigh-Pressure Nanoflow Capillary Liquid Chromatograph. <i>Analytical Chemistry</i> , 2017, 89, 807-812.	3.2	36
61	Microchip gas chromatography columns, interfacing and performance. <i>Talanta</i> , 2018, 188, 463-492.	2.9	36
62	Portable capillary liquid chromatography for pharmaceutical and illicit drug analysis. <i>Journal of Separation Science</i> , 2020, 43, 1623-1627.	1.3	36
63	Synthesis of phenaleno[1,9- <i>b</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1981, 18, 977-979.	1.4	35
64	Multidimensional open-tubular column supercritical fluid chromatography using a flow-switching interface. <i>Journal of Separation Science</i> , 1989, 1, 71-84.	1.0	35
65	Simple method for the preparation of highly efficient polymer-coated capillary electrophoresis columns. <i>Journal of Separation Science</i> , 1993, 5, 119-125.	1.0	35
66	The synthesis of all of the dimethyldibenzothiophenes and monoethyldibenzothiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1485-1495.	1.4	34
67	Charged surface coatings for capillary electrophoresis. <i>Journal of Separation Science</i> , 1993, 5, 199-205.	1.0	34
68	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
69	Comprehensive two-dimensional separations using microcolumns. <i>Journal of Separation Science</i> , 2000, 12, 241-254.	1.0	34
70	Adsorption-Resistant Acrylic Copolymer for Prototyping of Microfluidic Devices for Proteins and Peptides. <i>Analytical Chemistry</i> , 2007, 79, 1926-1931.	3.2	34
71	Synthesis of benzo[3,2]phenanthro[4,5- <i>bcd</i>]thiophene and chryseno[4,5- <i>bcd</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1981, 18, 981-984.	1.4	33
72	Angular polycyclic thiophenes containing two thiophene rings. I. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 185-192.	1.4	32

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Synthesis of all of the monomethyl isomers of naphtho[2,1- <i>b</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 487-490.	1.4	30
76	Enantioselective binding of \pm -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
77	Counterflow Isotachopheresis [~] Capillary Zone Electrophoresis on Directly Coupled Columns of Different Diameters. <i>Analytical Chemistry</i> , 1998, 70, 3777-3780.	3.2	30
78	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
79	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
80	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
81	The synthesis of all of the monomethyl isomers of benzo[<i>b</i>]naphtho[1,2- <i>d</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 871-877.	1.4	28
82	High-Efficiency Solvating Gas Chromatography Using Packed Capillaries. <i>Analytical Chemistry</i> , 1997, 69, 2541-2549.	3.2	28
83	Axial thermal gradients in microchip gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1374, 216-223.	1.8	28
84	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
85	The synthesis of the monomethyl isomers of benzo[<i>b</i>]naphth[2,1- <i>d</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 859-863.	1.4	27
86	Elevated temperature liquid chromatography using reversed-phase packed capillary columns. <i>Journal of Separation Science</i> , 1997, 9, 63-72.	1.0	27
87	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
88	Synthesis of triphenyleno[<i>b</i>]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1981, 18, 1457-1459.	1.4	26
89	Autocorrelated ¹³ C- ¹³ C double quantum coherence two-dimensional nmr spectroscopy: Utilization of a modified version of the technique as an adjunct in the total assignment of the ¹ H- and ¹³ C-nmr spectra of the mutagen phenanthro[3,4- <i>b</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1661-1669.	1.4	26
90	Determination and genotoxicity of nitrogen heterocycles in a sediment from the black river. <i>Environmental Toxicology and Chemistry</i> , 1986, 5, 511-519.	2.2	26

#	ARTICLE	IF	CITATIONS
91	Voltage programming in capillary electrochromatography. <i>Journal of Separation Science</i> , 1999, 11, 271-275.	1.0	26
92	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
93	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
94	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
95	Long range optimized two-dimensional proton-carbon chemical shift correlation. Application in the total assignment of the ¹ H- and ¹³ C-NMR spectra of 9-methylphenanthro[4,3-a]dibenzothiophene. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 1453-1459.	1.4	24
96	Mechanisms and Kinetics of Reactions Leading to Natural Gas Formation during Coal Maturation. <i>Energy & Fuels</i> , 2000, 14, 235-259.	2.5	24
97	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
98	Synthesis and Chromatographic Properties of Liquid Crystalline Polysiloxanes Containing Steroid Substituents. <i>Molecular Crystals and Liquid Crystals</i> , 1987, 147, 43-60.	0.9	23
99	Design and evaluation of a new capillary electrochromatography system. <i>Electrophoresis</i> , 1999, 20, 67-73.	1.3	23
100	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
101	Synthesis of benzo[4,5]phenaleno[1,9-bc]thiophene and benzo[4,5]phenaleno[9,1-a]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 1125-1130.	1.4	22
102	The synthesis of novel polycyclic heterocyclic ring systems via photocyclization. Thieno[3,2:4,5]thieno[2,3-c]quinoline and thieno[2,3:4,5]thieno[2,3-c]quinoline. <i>Journal of Heterocyclic Chemistry</i> , 1988, 25, 1363-1365.	1.4	22
103	Hydrogel polymer coating for capillary electrophoretic separation of proteins. <i>Journal of Separation Science</i> , 1992, 4, 491-496.	1.0	22
104	Hydrophilic polymethylmethacrylate hollow fibers for capillary electrophoresis of biomolecules. <i>Journal of Separation Science</i> , 1997, 9, 57-62.	1.0	22
105	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
106	Poly(ethylene glycol)-Functionalized Polymeric Microchips for Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2009, 81, 6278-6284.	3.2	22
107	Dynamic thermal gradient gas chromatography. <i>Journal of Chromatography A</i> , 2013, 1302, 143-151.	1.8	22
108	Correlation of chromatographic performance with morphological features of organic polymer monoliths. <i>Journal of Chromatography A</i> , 2014, 1334, 20-29.	1.8	22

#	ARTICLE	IF	CITATIONS
109	Synthesis of benzo[b]phenanthro[d]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 219-220.	1.4	21
110	Synthesis of benzo[1,2]phenaleno[bc]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 439-441.	1.4	21
111	The synthesis of the monomethyl derivatives of benzo[<i>a</i>]naphtho[2,3- <i>d</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1982, 19, 865-869.	1.4	21
112	The synthesis of naphtho[1,2- <i>a</i>]thiophene and all of the eight isomers of monomethylnaphtho[1,2- <i>a</i>]thiophene. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 1215-1219.	1.4	21
113	Enhanced radial dispersion in open tubular column chromatography. <i>Journal of Separation Science</i> , 1991, 3, 91-113.	1.0	21
114	Polymeric hollow fibers for capillary electrophoresis. <i>Journal of Separation Science</i> , 1993, 5, 245-253.	1.0	21
115	Comparison of Empirical Peak Capacities for High-Efficiency Capillary Chromatographic Techniques. <i>Analytical Chemistry</i> , 2001, 73, 1301-1306.	3.2	21
116	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
117	Surface-Reactive Acrylic Copolymer for Fabrication of Microfluidic Devices. <i>Analytical Chemistry</i> , 2005, 77, 6280-6287.	3.2	21
118	Characterizing Organic Monolithic Columns Using Capillary Flow Porometry and Scanning Electron Microscopy. <i>Analytical Chemistry</i> , 2012, 84, 247-254.	3.2	21
119	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
120	Size separation of biomolecules and bioparticles using micro/nanofabricated structures. <i>Analytical Methods</i> , 2014, 6, 27-37.	1.3	21
121	The synthesis of the monomethylbenzo[2,3]phenanthro[4,5- <i>bcd</i>]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1453-1459.	1.4	20
122	Synthesis of monoamino and monohydroxydibenzothiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 215-218.	1.4	20
123	Polyacrylamide-modified polypropylene hollow fibers for capillary electrophoresis. <i>Journal of Separation Science</i> , 1994, 6, 581-589.	1.0	20
124	Poly(ethylene glycol)-Functionalized Devices for Electric Field Gradient Focusing. <i>Analytical Chemistry</i> , 2008, 80, 451-460.	3.2	20
125	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
126	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

#	ARTICLE	IF	CITATIONS
127	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
128	Benzannelated analogs of phenanthro[1,2- <i>b,c</i>] and [2,1- <i>a,b</i>]thiophene: Synthesis and structural characterization by two-dimensional NMR and X-ray techniques. <i>Journal of Heterocyclic Chemistry</i> , 1986, 23, 1215-1234.	1.4	19
129	Chromatographic evaluation of chiral (1 <i>R</i> -trans)-N, N- ² -1,2-cyclohexylenebisbenzamide-oligodimethylsiloxane copolymeric stationary phases for capillary supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1992, 4, 155-162.	1.0	19
130	New optical cell design for laser flash photolysis studies in supercritical fluids. <i>Review of Scientific Instruments</i> , 1995, 66, 222-226.	0.6	19
131	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
132	Field gradient electrophoresis. <i>Electrophoresis</i> , 2005, 26, 405-414.	1.3	18
133	Influence of transport properties in electric field gradient focusing. <i>Journal of Chromatography A</i> , 2007, 1160, 311-319.	1.8	18
134	Surface modification of polymer microfluidic devices using in-channel atom transfer radical polymerization. <i>Electrophoresis</i> , 2008, 29, 2760-2767.	1.3	18
135	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
136	Two-dimensional relayed coherence transfer experiments as a means of subgrouping protonated carbon resonances of complex polynuclear heteroaromatics on the basis of vicinal proton-proton connectivities. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 929-933.	1.4	17
137	Synthesis of the isomeric monomethyl derivatives of the novel naphtho[2- <i>a</i> ,1- <i>a'</i> :4,5]thieno[2,3- <i>c</i>]quinoline ring system. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 211-214.	1.4	17
138	Assignment of the ¹³ C-NMR spectrum of phenanthro[4,3- <i>a</i>]dibenzothiophene through the utilization of two-dimensional relayed coherence transfer and double quantum coherence spectroscopy. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 219-223.	1.4	17
139	The synthesis of hydroxyphenylthiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 1667-1669.	1.4	17
140	Comprehensive supercritical fluid extraction/gas chromatographic analysis for organic compounds in soil matrices with an element-selective radiofrequency plasma detector. <i>Analytical Chemistry</i> , 1993, 65, 2185-2188.	3.2	17
141	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
142	Peak sweeping and gating using thermal gradient gas chromatography. <i>Journal of Chromatography A</i> , 2013, 1278, 160-165.	1.8	17
143	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
144	The synthesis of phenanthro[4,5- <i>a,bcd</i>]thiophene and the four monomethylphenanthro[4,5- <i>a,bcd</i>]thiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1149-1152.	1.4	16

#	ARTICLE	IF	CITATIONS
145	Assignment of the ¹ H- and ¹³ C-NMR spectra of phenanthro[1,2 <i>b</i>]thiophene through the concerted application of two-dimensional NMR spectroscopic techniques. <i>Journal of Heterocyclic Chemistry</i> , 1983, 20, 1367-1381.	1.4	16
146	Supercritical fluid extraction/gas chromatography with thermal desorption modulator interface and nitro-specific detection for the analysis of explosives. <i>Journal of Separation Science</i> , 1995, 7, 23-28.	1.0	16
147	Silver-complexed dicyanobiphenyl-substituted polymethylsiloxane encapsulated particles for packed capillary column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1995, 7, 279-287.	1.0	16
148	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
149	Performance optimization in electric field gradient focusing. <i>Journal of Chromatography A</i> , 2009, 1216, 159-164.	1.8	16
150	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
151	Moving thermal gradients in gas chromatography. <i>Journal of Chromatography A</i> , 2014, 1374, 189-198.	1.8	16
152	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
153	1-Methylphenanthro[3,4 <i>b</i>]thiophene: Determination of the tertiary structure in solution and in the crystalline state by NMR spectroscopy and X-ray diffraction. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 545-553.	1.4	15
154	Separation of steroid isomers using a liquid crystalline polysiloxane stationary phase in capillary supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1989, 1, 131-135.	1.0	15
155	Predictability and effect of phase behavior of CO ₂ /propylene carbonate in supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1991, 3, 355-369.	1.0	15
156	High-speed, thermally modulated SFE/GC for the analysis of volatile organic compounds in solid matrices. <i>Journal of Separation Science</i> , 1992, 4, 199-208.	1.0	15
157	Novel cyanobiphenylpolysiloxane stationary phases for gas and supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1992, 4, 529-540.	1.0	15
158	Cyclodextrin polymer encapsulated particles for supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1996, 8, 249-257.	1.0	15
159	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
160	High-speed gas chromatography using packed capillary columns. <i>Journal of Separation Science</i> , 1997, 9, 21-27.	1.0	15
161	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
162	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

#	ARTICLE	IF	CITATIONS
163	Construction of an efficient fused silica capillary column effluent splitter for gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1981, 4, 406-408.	2.0	14
164	Angular polycyclic thiophenes containing two thiophene rings. Part II. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 321-325.	1.4	14
165	Capillary supercritical fluid chromatography with nitro- and nitroso-specific chemiluminescence detection. <i>Journal of Separation Science</i> , 1994, 6, 395-401.	1.0	14
166	Cellulose modified polypropylene hollow fibers for capillary electrophoresis. <i>Journal of Separation Science</i> , 1996, 8, 529-534.	1.0	14
167	The synthesis of polycyclic thiophenes derived from phenanthrene intermediates. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 1775-1779.	1.4	13
168	Boiling range distribution of petroleum and coal-derived heavy ends by supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1991, 3, 423-433.	1.0	13
169	Modifier addition in microcolumn supercritical fluid chromatography with a high pressure pulsed valve. <i>Journal of Separation Science</i> , 1994, 6, 449-457.	1.0	13
170	Porous and Nonporous Particles in Packed Capillary Column Solvating Gas Chromatography. <i>Analytical Chemistry</i> , 1999, 71, 5084-5092.	3.2	13
171	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
172	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
173	Pseudolinear Gradient Ultrahigh-Pressure Liquid Chromatography Using an Injection Valve Assembly. <i>Analytical Chemistry</i> , 2006, 78, 858-864.	3.2	13
174	New interface plate for microspray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1087-1091.	1.9	13
175	Programed elution and peak profiles in electric field gradient focusing. <i>Electrophoresis</i> , 2008, 29, 1058-1066.	1.3	13
176	Bilinear electric field gradient focusing. <i>Journal of Chromatography A</i> , 2009, 1216, 6532-6538.	1.8	13
177	Synthesis of the monomethyl isomers of naphtho[1,2-b:4,5]thieno[2,3-d]quinoline. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 1761-1764.	1.4	12
178	The synthesis of phenanthrodibenzothiophenes. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 1833-1839.	1.4	12
179	Supercritical fluid chromatography-supersonic jet spectroscopy: II. Capillary column SFC with a sheath-flow nozzle. <i>Journal of Separation Science</i> , 1989, 1, 207-211.	1.0	12
180	Solute focusing in supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1991, 3, 481-490.	1.0	12

#	ARTICLE	IF	CITATIONS
181	Separations of proteins and proteolytic digests of proteins by capillary electrophoresis on superox-coated open tubular columns. <i>Journal of Separation Science</i> , 1992, 4, 411-417.	1.0	12
182	Fused silica packed capillary columns in supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1994, 6, 557-563.	1.0	12
183	Low aspect ratio packed capillary columns in supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1996, 8, 259-268.	1.0	12
184	Silica surface interactions of diol-bonded phases in packed capillary column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1996, 8, 413-420.	1.0	12
185	Polypropylene hollow fibers modified with PMMA for capillary electrophoresis. <i>Journal of Separation Science</i> , 1998, 10, 605-609.	1.0	12
186	Capillary isoelectric focusing-electrospray ionization time-of-flight mass spectrometry for protein analysis. , 1999, 11, 193-197.		12
187	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
188	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
189	Stainless-Steel Column for Robust, High-Temperature Microchip Gas Chromatography. <i>Analytical Chemistry</i> , 2019, 91, 792-796.	3.2	12
190	Combined application of auto-correlated (COSY) and homonuclear J-resolved two-dimensional NMR spectra for the assignment of congested, non-first order spectra of polycyclic aromatic systems. Assignment of the ¹ H-NMR spectrum of benzo[2,3]phenanthro[4,5-bcd]thiophene and an investigation of long range ¹ H- ¹ H spin-coupling constants. <i>Journal of Heterocyclic Chemistry</i> , 1984, 21, 225-233.	1.4	11
191	Supercritical fluid chromatography-supersonic jet spectroscopy: I. Microcolumns and direct expansions. <i>Journal of Separation Science</i> , 1989, 1, 200-206.	1.0	11
192	Mutagenicities of hydroxy-substituted carbazoles and dibenzothiophenes using the CHO/HGPRT assay. <i>Environmental Toxicology and Chemistry</i> , 1991, 10, 1133-1137.	2.2	11
193	Mechanical ion gate for electrospray-ionization ion-mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 189-194.	1.9	11
194	Influence of varying electroosmotic flow on the effective diffusion in electric field gradient separations. <i>Electrophoresis</i> , 2008, 29, 549-560.	1.3	11
195	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
196	Benzo[b]phenanthro[4,3-d]thiophene: Spectral assignment by two-dimensional NMR methods and tertiary structure determination. <i>Magnetic Resonance in Chemistry</i> , 1986, 24, 1039-1043.	1.1	10
197	Syntheses of isomeric cyanobiphenyl-substituted polysiloxanes for stationary phases in gas chromatography. <i>Journal of Separation Science</i> , 1992, 4, 521-527.	1.0	10
198	Low flow rate modifier addition in packed capillary column supercritical fluid chromatography. <i>Journal of High Resolution Chromatography</i> , 1995, 18, 559-563.	2.0	10

#	ARTICLE	IF	CITATIONS
199	Structural characteristics of pendant and copolymeric cyclodextrin polysiloxane stationary phases and their influence on chiral selectivity and resolution in capillary gas chromatography. <i>Journal of Separation Science</i> , 1995, 7, 91-105.	1.0	10
200	A convenient synthesis of a permethyl α -substituted β -cyclodextrin α -containing polysiloxane stationary phase using an amide linking group. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 1715-1718.	1.4	10
201	Synthesis of a chiral macrocyclic dibenzodicyclohexanotetraamide α -containing stationary phase for liquid chromatography. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 381-387.	1.4	10
202	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
203	Rapid analysis using short capillary columns in gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1980, 3, 352-354.	2.0	9
204	The synthesis of isomeric naphthylethylcarbazole derivatives as reference compounds in coal α -derived products. <i>Journal of Heterocyclic Chemistry</i> , 1989, 26, 1213-1219.	1.4	9
205	New cyanophenyl-containing polysiloxane stationary phases for capillary column gas chromatography. <i>Journal of Separation Science</i> , 1989, 1, 142-149.	1.0	9
206	Application of capillary supercritical fluid chromatography-double focusing mass spectrometry under negative ion chemical ionization conditions. <i>Journal of Separation Science</i> , 1990, 2, 88-96.	1.0	9
207	Preservation of column efficiency when using solvent vent injection in open tubular column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1991, 3, 521-529.	1.0	9
208	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
209	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
210	Geochemical Significance of n-Alkane Compositional-Trait Variations in Coals. <i>Energy & Fuels</i> , 1998, 12, 277-283.	2.5	8
211	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
212	Synthesis of [1]benzothienonaphthyridines. <i>Journal of Heterocyclic Chemistry</i> , 1987, 24, 1009-1011.	1.4	7
213	New nitrophenyl- and nitromethoxyphenyl-substituted methylpolysiloxane stationary phases for capillary column gas chromatography. <i>Journal of Separation Science</i> , 1989, 1, 309-319.	1.0	7
214	Optimization of internal valve injection in open tubular column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1991, 3, 229-239.	1.0	7
215	Sample introduction in capillary supercritical fluid chromatography using sequential density gradient focussing and solvent venting. <i>Journal of Separation Science</i> , 1991, 3, 435-442.	1.0	7
216	Cyanobiphenyl-substituted polymethylsiloxane encapsulated particles for packed capillary column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1995, 7, 411-419.	1.0	7

#	ARTICLE	IF	CITATIONS
217	Performance of polyethylenimine-coated particles in packed capillary column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1996, 8, 519-528.	1.0	7
218	Simple gradient system For capillary electrochromatography. <i>Journal of Separation Science</i> , 2001, 13, 351-360.	1.0	7
219	Sample introduction in gas chromatography using a coiled wire filament. <i>Journal of Chromatography A</i> , 2009, 1216, 6852-6857.	1.8	7
220	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
221	Simulating Capillary Gas Chromatographic Separations including Thermal Gradient Conditions. <i>Analytical Chemistry</i> , 2021, 93, 2291-2298.	3.2	7
222	4-(Methylsulfonyl)phenyl-containing polysiloxane stationary phase for capillary column gas chromatography. <i>Journal of Separation Science</i> , 1991, 3, 349-353.	1.0	6
223	Preparation of silica porous-layer open-tubular columns using fused silica capillaries. <i>Journal of Separation Science</i> , 1995, 7, 153-158.	1.0	6
224	Differentiation of <i>Bacillus</i> endospore species from fatty acid methyl ester biomarkers. <i>Analytical Methods</i> , 2010, 2, 638.	1.3	6
225	Equilibrium distribution sampling device for preparation of calibration mixtures for gas chromatography-mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 6312.	1.3	6
226	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
227	The crystal and molecular structure of 9- <i>α</i> -methylphenanthro[4,3- <i>a</i>]dibenzothiophene. <i>Journal of Heterocyclic Chemistry</i> , 1986, 23, 1115-1118.	1.4	5
228	Syntheses of 1-, 2-, 3- and 4-acridinecarbaldehydes. <i>Journal of Heterocyclic Chemistry</i> , 1987, 24, 977-979.	1.4	5
229	Determination of Sulfur-Containing Polycyclic Aromatic Compounds in Coal Extracts using Capillary Column Gas Chromatography with Radio Frequency Plasma Detection. <i>Polycyclic Aromatic Compounds</i> , 1990, 1, 251-264.	1.4	5
230	Synthesis of monoalkenylated crown ethers and <i>C</i> -pivot cryptands. <i>Journal of Heterocyclic Chemistry</i> , 1993, 30, 1173-1175.	1.4	5
231	Hydrophilic polymer-modified polypropylene hollow fibers with controllable electroosmotic flow for capillary electrophoresis. <i>Journal of Separation Science</i> , 1996, 8, 535-540.	1.0	5
232	Migration markers for capillary isotachopheresis of ribonucleotides. <i>Journal of Separation Science</i> , 1998, 10, 423-430.	1.0	5
233	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
234	Charcoal porous layer open tubular column gas chromatography for permanent gas analysis. <i>Journal of Separation Science</i> , 1995, 7, 207-212.	1.0	4

#	ARTICLE	IF	CITATIONS
235	Copolymeric cyclodextrin polysiloxane stationary phases prepared from 6A,6C- and 6A,6D-dialkyl-substituted β -cyclodextrin. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 621-626.	1.4	4
236	Fast gas chromatography of light hydrocarbons and permanent gases on porous-layer open-tubular columns. <i>Field Analytical Chemistry and Technology</i> , 1996, 1, 60-64.	0.9	4
237	Evaluation of a fluorocarbon bonded silica using packed capillary column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1996, 8, 175-181.	1.0	4
238	A built-in route leading to a self-inclusion complex of 6 ^A ,6 ^B -(bis(allyloxyphenyl)hexakis(2,3-dimethoxy-1,4-dioxane)-1,4-diol)- β -cyclodextrin. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 983-987.	1.1	4
239	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
240	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
241	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
242	Comparison of selectivities for PCBs in gas chromatography for a series of cyanobiphenyl stationary phases. <i>Journal of Separation Science</i> , 1995, 7, 221-230.	1.0	3
243	Theoretical optimization of packed capillary column liquid chromatography using nonporous particles. <i>Journal of Separation Science</i> , 1999, 11, 131-140.	1.0	3
244	Separation of perfluorinated polyethers using packed capillary column supercritical fluid chromatography. <i>Journal of Separation Science</i> , 1999, 11, 287-297.	1.0	3
245	Solvating gas-solid chromatography. <i>Journal of Separation Science</i> , 1999, 11, 359-365.	1.0	3
246	RAPID SEPARATION OF NITROAROMATIC COMPOUNDS BY SOLVATING GAS CHROMATOGRAPHY. <i>Drug and Chemical Toxicology</i> , 2000, 23, 155-160.	1.2	3
247	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
248	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
249	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
250	Organic Monolith Column Technology for Capillary Liquid Chromatography. <i>Advances in Chromatography</i> , 2012, 50, 237-280.	1.0	3
251	Online monitoring of small volume reactions using compact liquid chromatography instrumentation. <i>Separation Science Plus</i> , 2022, 5, 213-219.	0.3	3
252	Empirical Quantitative Relationship between Molecular Structure and Phosphorescence Transition Energy of Polycyclic Aromatic Thiophenes. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1987, 42, 735-738.	0.7	2

#	ARTICLE	IF	CITATIONS
253	Analysis of intracellular ribonucleotide pools in a drug-treated human cancer cell line using capillary zone electrophoresis. <i>Journal of Separation Science</i> , 1994, 6, 49-54.	1.0	2
254	High-speed gas chromatography using packed capillary columns. <i>Journal of Separation Science</i> , 1997, 9, 519-519.	1.0	2
255	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
256	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
257	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
258	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
259	Fast ultrahigh-pressure liquid chromatography: On-column UV and time-of-flight mass spectrometric detection. , 1999, 11, 631.		2
260	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
261	Universal Chromatography for Fast Separations. <i>ACS Symposium Series</i> , 1999, , 179-202.	0.5	1
262	Synthesis of bridged heteroaromatic compounds as reference standards for coal degradation products. <i>Journal of Heterocyclic Chemistry</i> , 1989, 26, 1845-1848.	1.4	1
263	Coiled wire filament sample introduction for gas chromatographyâ€“mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2018, 427, 123-132.	0.7	1
264	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