

Daniel W Armstrong

List of Publications by Year in descending order

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475
papers

29,306
citations

4136

87
h-index

7944

149
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480
all docs

480
docs citations

480
times ranked

13050
citing authors

#	ARTICLE	IF	CITATIONS
1	Future perspectives for ionic liquids. , 2022, , 369-394.		1
2	Ionic liquids as gas chromatography stationary phases. , 2022, , 171-202.		2
3	Enhanced carboxypeptidase efficacies and differentiation of peptide epimers. <i>Analytical Biochemistry</i> , 2022, 642, 114451.	1.1	4
4	Liquid chromatography enantiomeric separation of chiral ethanolamine substituted compounds. <i>Chirality</i> , 2022, , .	1.3	2
5	An examination of the effects of water on normal phase enantioseparations. <i>Analytica Chimica Acta</i> , 2022, 1200, 339608.	2.6	8
6	Enantioselective UHPLC Screening Combined with <i>In Silico</i> Modeling for Streamlined Development of Ultrafast Enantiopurity Assays. <i>Analytical Chemistry</i> , 2022, 94, 1804-1812.	3.2	31
7	High information spectroscopic detection techniques for gas chromatography. <i>Journal of Chromatography A</i> , 2022, 1676, 463255.	1.8	13
8	Insights into enantioselective separations of ionic metal complexes by sub/supercritical fluid chromatography. <i>Analytica Chimica Acta</i> , 2022, 1228, 340156.	2.6	3
9	Macrocyclic glycopeptides- and derivatized cyclofructan-based chiral stationary phases for the enantioseparation of fluorinated α -phenylalanine analogs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 219, 114912.	1.4	4
10	Enantioseparation performance of superficially porous particle vancomycin-based chiral stationary phases in supercritical fluid chromatography and high performance liquid chromatography; applicability for psychoactive substances. <i>Journal of Chromatography A</i> , 2021, 1637, 461846.	1.8	20
11	The theory and practice of ultrafast liquid chromatography: A tutorial. <i>Analytica Chimica Acta</i> , 2021, 1151, 238170.	2.6	17
12	Arsenic sequestration by iron oxide coated geopolymer microspheres. <i>Journal of Cleaner Production</i> , 2021, 291, 125931.	4.6	24
13	Development and validation of a fast HPLC method for methyl dopa enantiomers using superficially porous particle based macrocyclic glycopeptide stationary phase. <i>Microchemical Journal</i> , 2021, 164, 105957.	2.3	9
14	Evaluation of gas chromatography for the separation of a broad range of isotopic compounds. <i>Analytica Chimica Acta</i> , 2021, 1165, 338490.	2.6	10
15	A Closer Examination of 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate Amino Acid Derivatization in HPLC with Multiple Detection Modes. <i>Chromatographia</i> , 2021, 84, 719-727.	0.7	7
16	Ionizable Cyclofructan 6-Based Stationary Phases for Hydrophilic Interaction Liquid Chromatography Using Superficially Porous Particles. <i>Chromatographia</i> , 2021, 84, 821-832.	0.7	2
17	Rapid and selective separation of amyloid beta from its stereoisomeric point mutations implicated in neurodegenerative Alzheimer's disease. <i>Analytica Chimica Acta</i> , 2021, 1163, 338506.	2.6	5
18	Enantioseparation of α -amino acids by liquid chromatography using core-shell chiral stationary phases based on teicoplanin and teicoplanin aglycone. <i>Journal of Chromatography A</i> , 2021, 1653, 462383.	1.8	7

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19	Chiral resolution and absolute configuration determination of new metal-based photodynamic therapy antitumor agents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114233.	1.4	6
20	Headspace study of chiral interconversion of N-acetyl-homocysteine thiolactones. <i>Journal of Chromatography A</i> , 2021, 1653, 462381.	1.8	1
21	High efficiency functionalized hydrophilic cyclofructans as stationary phases in sub/supercritical fluid chromatography. <i>Talanta</i> , 2021, 232, 122308.	2.9	8
22	Enantiomeric Separation of New Chiral Azole Compounds. <i>Molecules</i> , 2021, 26, 213.	1.7	6
23	Enhancing Sensitivity for High-Selectivity Gas Chromatography-Molecular Rotational Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2021, 93, 15525-15533.	3.2	6
24	Production of both <i>D</i> - and <i>L</i> -N-cyclanohomoserine lactones by <i>Burkholderia cepacia</i> and <i>Vibrio fischeri</i> . <i>MicrobiologyOpen</i> , 2021, 10, e1242.	1.2	4
25	A Gas Chromatography-Molecular Rotational Resonance Spectroscopy Based System of Singular Specificity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 192-196.	7.2	13
26	Enhancing the selectivity of polar hydrophilic analytes with a low concentration of barium ions in the mobile phase using geopolymers and silica supports. <i>Talanta</i> , 2020, 207, 120339.	2.9	1
27	Enantioselective potential of teicoplanin- and vancomycin-based superficially porous particles-packed columns for supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2020, 1612, 460687.	1.8	18
28	Complete identification of all 20 relevant epimeric peptides in β -amyloid: a new HPLC-MS based analytical strategy for Alzheimer's research. <i>Chemical Communications</i> , 2020, 56, 1537-1540.	2.2	20
29	A Gas Chromatography-Molecular Rotational Resonance Spectroscopy Based System of Singular Specificity. <i>Angewandte Chemie</i> , 2020, 132, 198-202.	1.6	5
30	Water determination. , 2020, , 459-477.		3
31	Roles of N-methyl-d-aspartate receptors and d-amino acids in cancer cell viability. <i>Molecular Biology Reports</i> , 2020, 47, 6749-6758.	1.0	12
32	Enhancing supercritical fluid chromatographic efficiency: Predicting effects of small aqueous additives. <i>Analytica Chimica Acta</i> , 2020, 1120, 75-84.	2.6	21
33	Enantiomeric separation of quorum sensing autoinducer homoserine lactones using GC-MS and LC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2927-2937.	1.9	9
34	Quantification of aminobutyric acids and their clinical applications as biomarkers for osteoporosis. <i>Communications Biology</i> , 2020, 3, 39.	2.0	39
35	Replacing methanol with azeotropic ethanol as the co-solvent for improved chiral separations with supercritical fluid chromatography (SFC). <i>Green Chemistry</i> , 2020, 22, 1249-1257.	4.6	40
36	Improving peak capacities over 100 in less than 60 seconds: operating above normal peak capacity limits with signal processing. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1925-1932.	1.9	7

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37	Enantioselective separation of liquid crystals in supercritical fluid chromatography; critical evaluation. <i>Journal of Chromatography A</i> , 2020, 1622, 461138.	1.8	11
38	Gas Chromatography Columns Using Ionic Liquids as Stationary Phase. <i>Green Chemistry and Sustainable Technology</i> , 2020, , 131-165.	0.4	5
39	Enantiomeric impurities in chiral catalysts, auxiliaries, and synthons used in enantioselective syntheses. Part 5. <i>Chirality</i> , 2019, 31, 688-699.	1.3	6
40	Synthetic aluminosilicate based geopolymers – Second generation geopolymer HPLC stationary phases. <i>Analytica Chimica Acta</i> , 2019, 1081, 209-217.	2.6	6
41	Fast super/subcritical fluid chromatographic enantioseparations on superficially porous particles bonded with broad selectivity chiral selectors relative to fully porous particles. <i>Journal of Chromatography A</i> , 2019, 1605, 360339.	1.8	37
42	Extending the power transform approach for recovering areas of overlapping peaks. <i>Journal of Separation Science</i> , 2019, 42, 3604-3610.	1.3	12
43	Ramifications and Insights on the Role of Water in Chiral Sub/Supercritical Fluid Chromatography. <i>Analytical Chemistry</i> , 2019, 91, 14672-14680.	3.2	45
44	Triple Helical Ir(ppy) ₃ Phenylene Cage Prepared by Diol-Mediated Benzannulation: Synthesis, Resolution, Absolute Stereochemistry and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 8719-8724.	1.7	6
45	Cyclofructans as Chiral Selectors: An Overview. <i>Methods in Molecular Biology</i> , 2019, 1985, 183-200.	0.4	9
46	Comparison of reversed-phase, anion-exchange, and hydrophilic interaction HPLC for the analysis of nucleotides involved in biological enzymatic pathways. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 184-193.	0.5	7
47	Fabrication of interconnected macroporosity in geopolymers via inverse suspension polymerization. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4405-4409.	1.9	8
48	Selective Depletion of Chiral 4-Hydroxypraziquantel Metabolites in Three Types of Aquaculture Fish by LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4098-4104.	2.4	5
49	The utility of statistical moments in chromatography using trapezoidal and Simpson's rules of peak integration. <i>Journal of Separation Science</i> , 2019, 42, 1644-1657.	1.3	21
50	Increasing chromatographic resolution of analytical signals using derivative enhancement approach. <i>Talanta</i> , 2019, 192, 492-499.	2.9	21
51	Mass Spectrometry-Compatible Enantiomeric Separations of 100 Pesticides Using Core-Shell Chiral Stationary Phases and Evaluation of Iterative Curve Fitting Models for Overlapping Peaks. <i>Chromatographia</i> , 2019, 82, 221-233.	0.7	21
52	Power Law Approach as a Convenient Protocol for Improving Peak Shapes and Recovering Areas from Partially Resolved Peaks. <i>Chromatographia</i> , 2019, 82, 211-220.	0.7	18
53	Sensitive detection of topiramate degradation products by high-performance liquid chromatography/electrospray ionization mass spectrometry using ion-pairing reagents and polarity switching. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 116-124.	0.7	8
54	Altered profiles and metabolism of l- and d-amino acids in cultured human breast cancer cells vs. non-tumorigenic human breast epithelial cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 421-429.	1.4	36

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55	Macrocyclic glycopeptide chiral selectors bonded to core-shell particles enables enantiopurity analysis of the entire verubecestat synthetic route. <i>Journal of Chromatography A</i> , 2018, 1539, 87-92.	1.8	48
56	Physicochemical properties of branched-chain dicationic ionic liquids. <i>Journal of Molecular Liquids</i> , 2018, 256, 247-255.	2.3	41
57	Sensitive analysis of N-blocked amino acids using high-performance liquid chromatography with paired ion electrospray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4725-4735.	1.9	5
58	Separations at the Speed of Sensors. <i>Analytical Chemistry</i> , 2018, 90, 3349-3356.	3.2	49
59	Dicationic ionic liquid thermal decomposition pathways. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4645-4655.	1.9	28
60	Improved rate of substrate oxidation catalyzed by genetically-engineered myoglobin. <i>Archives of Biochemistry and Biophysics</i> , 2018, 639, 44-51.	1.4	5
61	Branched-chain dicationic ionic liquids for fatty acid methyl ester assessment by gas chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4633-4643.	1.9	22
62	A comprehensive methodology for the chiral separation of 40 tobacco alkaloids and their carcinogenic <i>Z</i> -(<i>R,S</i>)-tobacco-specific nitrosamine metabolites. <i>Talanta</i> , 2018, 181, 132-141.	2.9	26
63	Development and validation of a stability-indicating HPLC method for topiramate using a mixed-mode column and charged aerosol detector. <i>Journal of Separation Science</i> , 2018, 41, 1716-1725.	1.3	9
64	Effective methodologies for enantiomeric separations of 150 pharmacology and toxicology related 1°, 2°, and 3° amines with core-shell chiral stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 70-81.	1.4	40
65	Variations of l- and d-amino acid levels in the brain of wild-type and mutant mice lacking d-amino acid oxidase activity. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2971-2979.	1.9	36
66	Synthesis of new C3 symmetric amino acid- and aminoalcohol-containing chiral stationary phases and application to HPLC enantioseparations. <i>Chirality</i> , 2018, 30, 74-84.	1.3	17
67	Chiral Gas Chromatography. , 2018, , 468-505.		15
68	Chiral Liquid Chromatography. , 2018, , 507-564.		5
69	Gas chromatography selectivity of new phosphonium-based dicationic ionic liquid stationary phases. <i>Journal of Separation Science</i> , 2018, 41, 4142-4148.	1.3	15
70	Variation of anionic moieties of dicationic ionic liquid GC stationary phases: Effect on stability and selectivity. <i>Analytica Chimica Acta</i> , 2018, 1042, 155-164.	2.6	24
71	Improving visualization of trace components for quantification using a power law based integration approach. <i>Journal of Chromatography A</i> , 2018, 1574, 1-8.	1.8	5
72	Evaluation of the Edman degradation product of vancomycin bonded to core-shell particles as a new HPLC chiral stationary phase. <i>Chirality</i> , 2018, 30, 1067-1078.	1.3	13

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73	Mass spectrometry detection of basic drugs in fast chiral analyses with vancomycin stationary phases. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 324-332.	2.4	16
74	Extracting More Information Using Less (Sample, Time, Preparation...). <i>Analytical Chemistry</i> , 2018, 90, 6347-6347.	3.2	0
75	Geopolymers as a New Class of High pH Stable Supports with Different Chromatographic Selectivity. <i>Analytical Chemistry</i> , 2018, 90, 8139-8146.	3.2	18
76	Determination of the interconversion energy barrier of three novel pentahelicene derivative enantiomers by dynamic high resolution liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1051, 60-67.	1.2	3
77	Ultrafast Chiral Chromatography as the Second Dimension in Two-Dimensional Liquid Chromatography Experiments. <i>Analytical Chemistry</i> , 2017, 89, 3545-3553.	3.2	102
78	Quinine bonded to superficially porous particles for high-efficiency and ultrafast liquid and supercritical fluid chromatography. <i>Analytica Chimica Acta</i> , 2017, 963, 164-174.	2.6	58
79	<scpd>-Amino Acid Levels in Perfused Mouse Brain Tissue and Blood: A Comparative Study. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1251-1261.	1.7	93
80	Separation of peptides on superficially porous particle based macrocyclic glycopeptide liquid chromatography stationary phases: consideration of fast separations. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2437-2447.	1.9	21
81	Cellular and cell-free studies of catalytic DNA cleavage by ruthenium polypyridyl complexes containing redox-active intercalating ligands. <i>Chemical Science</i> , 2017, 8, 3726-3740.	3.7	36
82	Chromatographic separation of racemic praziquantel and its residual determination in perch by LC-MS/MS. <i>Talanta</i> , 2017, 174, 380-386.	2.9	17
83	Total peak shape analysis: detection and quantitation of concurrent fronting, tailing, and their effect on asymmetry measurements. <i>Journal of Chromatography A</i> , 2017, 1509, 163-170.	1.8	22
84	Evaluation of nicotine in tobacco-free nicotine commercial products. <i>Drug Testing and Analysis</i> , 2017, 9, 944-948.	1.6	32
85	Thermal racemization of biaryl atropisomers. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1557-1561.	1.8	30
86	Absolute configuration of an axially chiral sulfonate determined from its optical rotatory dispersion, electronic circular dichroism, and vibrational circular dichroism spectra. <i>Chirality</i> , 2017, 29, 670-676.	1.3	7
87	Examination of the Varied and Changing Ethanol Content of Commercial Kombucha Products. <i>Food Analytical Methods</i> , 2017, 10, 4062-4067.	1.3	36
88	Examination of Selectivities of Thermally Stable Geminal Dicationic Ionic Liquids by Structural Modification. <i>Chromatographia</i> , 2017, 80, 1563-1574.	0.7	23
89	Chiral surfaces: The many faces of chiral recognition. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 32, 94-107.	3.4	31
90	Liquid chromatographic enantioseparation of carbocyclic β -amino acids possessing limonene skeleton on macrocyclic glycopeptide-based chiral stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 119-126.	1.4	15

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91	Fundamental and Practical Insights on the Packing of Modern High-Efficiency Analytical and Capillary Columns. <i>Analytical Chemistry</i> , 2017, 89, 8177-8191.	3.2	72
92	Ultrafast chiral separations for high throughput enantiopurity analysis. <i>Chemical Communications</i> , 2017, 53, 509-512.	2.2	117
93	HPLC Enantioseparation of Novel Spirobrassinin Analogs on the Cyclofructan Chiral Stationary Phases. <i>Chromatographia</i> , 2017, 80, 53-62.	0.7	11
94	Topiramate: A Review of Analytical Approaches for the Drug Substance, Its Impurities and Pharmaceutical Formulations. <i>Journal of Chromatographic Science</i> , 2016, 54, bmv120.	0.7	12
95	Coronatine Facilitates <i>Pseudomonas syringae</i> Infection of <i>Arabidopsis</i> Leaves at Night. <i>Frontiers in Plant Science</i> , 2016, 7, 880.	1.7	63
96	Mass spectrometric detection of trace anions: The evolution of paired-ion electrospray ionization (PIESI). <i>Mass Spectrometry Reviews</i> , 2016, 35, 201-218.	2.8	23
97	The empirical comparison of cyclofructans and cyclodextrins as chiral selectors in capillary electrophoretic separation of atropisomers of <i>(1<i>R</i>,2<i>S</i>)-1,1'-binaphthalene-2,2'-diyl hydrogensulfate</i> . <i>Journal of Separation Science</i> , 2016, 39, 973-979.		10
98	Water Determination in Solid Pharmaceutical Products Utilizing Ionic Liquids and Headspace Gas Chromatography. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2288-2292.	1.6	27
99	Enhanced Performance Separations: Smaller, Faster, More Complex Samples. <i>Analytical Chemistry</i> , 2016, 88, 5561-5561.	3.2	0
100	The utilisation of two detectors for the determination of water in honey using headspace gas chromatography. <i>Food Chemistry</i> , 2016, 205, 23-27.	4.2	25
101	Hydroxypropyl beta cyclodextrin bonded superficially porous particle-based HILIC stationary phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 459-464.	0.5	15
102	Screening primary racemic amines for enantioseparation by derivatized polysaccharide and cyclofructan columns. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 345-355.	2.4	15
103	Carboxylated cyclofructan 6 as a hydrolytically stable high efficiency stationary phase for hydrophilic interaction liquid chromatography and mixed mode separations. <i>Analytical Methods</i> , 2016, 8, 6038-6045.	1.3	34
104	Enantiomeric separation of new phytoalexin analogs with cyclofructan chiral stationary phases in normal-phase mode. <i>Journal of Separation Science</i> , 2016, 39, 3669-3676.	1.3	5
105	Advances in high-throughput and high-efficiency chiral liquid chromatographic separations. <i>Journal of Chromatography A</i> , 2016, 1467, 2-18.	1.8	153
106	Determination of Trace Water Content in Petroleum and Petroleum Products. <i>Analytical Chemistry</i> , 2016, 88, 8194-8201.	3.2	46
107	High-Performance Liquid Chromatographic Resolution of Neutral and Cationic Hetero[6]Helicenes. <i>Chirality</i> , 2016, 28, 282-289.	1.3	22
108	Instrumental Idiosyncrasies Affecting the Performance of Ultrafast Chiral and Achiral Sub/Supercritical Fluid Chromatography. <i>Analytical Chemistry</i> , 2016, 88, 8664-8672.	3.2	43

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109	Salient Sub-Second Separations. <i>Analytical Chemistry</i> , 2016, 88, 8821-8826.	3.2	82
110	Enantioselective comprehensive two-dimensional gas chromatography of lavender essential oil. <i>Journal of Separation Science</i> , 2016, 39, 4765-4772.	1.3	14
111	Separation of 2-naphthol atropisomers on cyclofructan-based chiral stationary phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 710-717.	0.5	9
112	Enantioseparation of citalopram analogues with sulfated β -cyclodextrin by capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 841-848.	1.3	18
113	Synthesis of Thermally Stable Geminal Dicationic Ionic Liquids and Related Ionic Compounds: An Examination of Physicochemical Properties by Structural Modification. <i>Chemistry of Materials</i> , 2016, 28, 4315-4323.	3.2	77
114	Chlorinated aromatic derivatives of cyclofructan 6 as HPLC chiral stationary phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 497-503.	0.5	11
115	Enantiomeric separation of citalopram analogues by HPLC using macrocyclic glycopeptide and cyclodextrin based chiral stationary phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 154-160.	0.5	13
116	Sampling frequency, response times and embedded signal filtration in fast, high efficiency liquid chromatography: A tutorial. <i>Analytica Chimica Acta</i> , 2016, 907, 31-44.	2.6	75
117	Analysis of Long-Chain Unsaturated Fatty Acids by Ionic Liquid Gas Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1422-1432.	2.4	52
118	Enantiomeric separations of β -aryl ketones with cyclofructan chiral stationary phases via high performance liquid chromatography and supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2016, 1427, 45-54.	1.8	24
119	Direct and sensitive determination of glyphosate and aminomethylphosphonic acid in environmental water samples by high performance liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1443, 93-100.	1.8	37
120	Reduced matrix effects for anionic compounds with paired ion electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 912, 74-84.	2.6	15
121	Quantitative analysis of dicamba residues in raw agricultural commodities with the use of ion-pairing reagents in LC-ESI-MS/MS. <i>Talanta</i> , 2016, 149, 103-109.	2.9	19
122	Gram Scale Conversion of <i>R</i> -BINAM to <i>R</i> -NOBIN. <i>Journal of Organic Chemistry</i> , 2016, 81, 1295-1299.	1.7	31
123	Gas chromatography-vacuum ultraviolet spectroscopy for analysis of fatty acid methyl esters. <i>Food Chemistry</i> , 2016, 194, 265-271.	4.2	70
124	Superficially Porous Particle Based Hydroxypropyl- β -cyclodextrin Stationary Phase for High Efficiency Enantiomeric Separations. <i>Chirality</i> , 2015, 27, 788-794.	1.3	23
125	Enantioselective comprehensive two-dimensional gas chromatography. A route to elucidate the authenticity and origin of <i>Rosa damascena</i> Miller essential oils. <i>Journal of Separation Science</i> , 2015, 38, 3397-3403.	1.3	28
126	Cation-enhanced capillary electrophoresis separation of atropisomer anions. <i>Electrophoresis</i> , 2015, 36, 2859-2865.	1.3	4

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127	Preparation and Evaluation of HPLC Chiral Stationary Phases Based on Cationic/Basic Derivatives of Cyclofructan 6. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 550-560.	0.5	14
128	Paired-ion electrospray ionization " triple quadrupole tandem mass spectrometry for quantification of anionic surfactants in waters. <i>Talanta</i> , 2015, 143, 320-327.	2.9	12
129	Gone in Seconds: Praxis, Performance, and Peculiarities of Ultrafast Chiral Liquid Chromatography with Superficially Porous Particles. <i>Analytical Chemistry</i> , 2015, 87, 9137-9148.	3.2	140
130	Rapid, effective deprotection of tert-butoxycarbonyl (Boc) amino acids and peptides at high temperatures using a thermally stable ionic liquid. <i>RSC Advances</i> , 2015, 5, 95854-95856.	1.7	16
131	High efficiency, narrow particle size distribution, sub-2 μ m based macrocyclic glycopeptide chiral stationary phases in HPLC and SFC. <i>Analytica Chimica Acta</i> , 2015, 898, 128-137.	2.6	73
132	Enantiomeric Separations of Ruthenium (II) Polypyridyl Complexes Using HPLC With Cyclofructan Chiral Stationary Phases. <i>Chirality</i> , 2015, 27, 64-70.	1.3	27
133	Separation of therapeutic peptides with cyclofructan and glycopeptide based columns in hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1390, 50-61.	1.8	15
134	Separation Of Methionine Enantiomers By Using Teicoplanin And Cyclofructan Columns. <i>Nova Biotechnologica Et Chimica</i> , 2015, 14, 1-11.	0.1	6
135	Two-dimensional high performance liquid chromatography for determination of homocysteine, methionine and cysteine enantiomers in human serum. <i>Journal of Chromatography A</i> , 2015, 1408, 118-124.	1.8	51
136	Construction the switch binding pattern of cyclofructan 6. <i>Tetrahedron</i> , 2015, 71, 3447-3452.	1.0	5
137	Topiramate: a review of analytical approaches for biological matrices. <i>Biomedical Chromatography</i> , 2015, 29, 1461-1472.	0.8	8
138	Determination of methionine enantiomers by HPLC on the cyclofructan chiral stationary phase. <i>Analytical Methods</i> , 2015, 7, 4577-4582.	1.3	19
139	Problems and Pitfalls in the Analysis of Amygdalin and Its Epimer. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8966-8973.	2.4	25
140	Sensitive detection of anionic metabolites of drugs by positive ion mode HPLC-PIESI-MS. <i>International Journal of Mass Spectrometry</i> , 2015, 389, 14-25.	0.7	8
141	High-performance liquid chromatographic separation of paclitaxel intermediate phenylisoserine derivatives on macrocyclic glycopeptide and cyclofructan-based chiral stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 312-320.	1.4	19
142	Ultrafast separation of fluorinated and desfluorinated pharmaceuticals using highly efficient and selective chiral selectors bonded to superficially porous particles. <i>Journal of Chromatography A</i> , 2015, 1426, 241-247.	1.8	59
143	Separation of Enantiomers of Selected Sulfur-Containing Amino Acids by Using Serially Coupled Achiral-Chiral Columns. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 789-794.	0.5	8
144	NATIVE/DERIVATIZED CYCLOFRUCTAN 6 BOUND TO RESINS VIA "CLICK" CHEMISTRY AS STATIONARY PHASES FOR ACHIRAL/CHIRAL SEPARATIONS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2302-2326.	0.5	5

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145	Enantiomeric Separations of N-ethyl-N-methyl Aziridines Utilizing GC and HPLC. <i>Chromatographia</i> , 2014, 77, 1607-1612.	0.7	4
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