

Wolfgang F Lindner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

6,386
citations

37
h-index

70
g-index

203
ext. papers

6,864
ext. citations

4
avg, IF

5.78
L-index

#	Paper	IF	Citations
197	Enantioselective high-performance liquid chromatographic separation of fluorinated β -phenylalanine derivatives utilizing Cinchona alkaloid-based ion-exchanger chiral stationary phases: Enantioselective separation of fluorinated β -phenylalanine derivatives.. <i>Journal of Chromatography A</i> , 2021 , 1644, 462121	4.5	0
196	High-performance liquid chromatographic evaluation of strong cation exchanger-based chiral stationary phases focusing on stationary phase characteristics and mobile phase effects employing enantiomers of tetrahydro- β -carboline and 1,2,3,4-tetrahydroisoquinoline analogs. <i>Journal of Chromatography A</i> , 2021 , 1644, 462121	4.5	2
195	Cinchona-alkaloid-based zwitterionic chiral stationary phases as potential tools for high-performance liquid chromatographic enantioseparation of cationic compounds of pharmaceutical relevance. <i>Journal of Separation Science</i> , 2021 , 44, 2735-2743	3.4	0
194	Polysaccharide-based chiral stationary phases as efficient tools for diastereo- and enantioseparation of natural and synthetic Cinchona alkaloid analogs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 193, 113724	3.5	6
193	Unexpected effects of mobile phase solvents and additives on retention and resolution of N-acyl-D,L-leucine applying Cinchonane-based chiral ion exchangers. <i>Journal of Chromatography A</i> , 2021 , 1648, 462212	4.5	2
192	Design and synthesis of naphthalene-based chiral strong cation exchangers and their application for chiral separation of basic drugs. <i>Journal of Separation Science</i> , 2021 , 44, 3348-3356	3.4	0
191	Controllable organosilane monolayer density of surface bonding using silatranes for thiol functionalization of silica particles for liquid chromatography and validation of microanalytical method for elemental composition determination. <i>Journal of Chromatography A</i> , 2021 , 1653, 462418	4.5	4
190	Efficient enantioresolution of aromatic β -hydroxy acids with Cinchona alkaloid-based zwitterionic stationary phases and volatile polar-ionic eluents. <i>Analytica Chimica Acta</i> , 2021 , 1180, 338928	6.6	2
189	Rapid enantioselective amino acid analysis by ultra-high performance liquid chromatography-mass spectrometry combining 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate derivatization with core-shell quinine carbamate anion exchanger separation. <i>Journal of Chromatography Open</i> , 2021 , 1, 100004		4
188	Derivatized polysaccharides on silica and hybridized with silica in chromatography and separation: A mini review 2020 , 441-462		1
187	Gradient supercritical fluid chromatography coupled to mass spectrometry with a gradient flow of make-up solvent for enantioseparation of cathinones. <i>Journal of Chromatography A</i> , 2020 , 1625, 461286	4.5	7
186	High-performance liquid chromatographic enantioseparation of isopulegol-based β -amino lactone and β -amino amide analogs on polysaccharide-based chiral stationary phases focusing on the change of the enantiomer elution order. <i>Journal of Chromatography A</i> , 2020 , 1621, 461054	4.5	8
185	Liquid chromatographic resolution of natural and racemic Cinchona alkaloid analogues using strong cation- and zwitterion ion-exchange type stationary phases. Qualitative evaluation of stationary phase characteristics and mobile phase effects on stereoselectivity and retention. <i>Journal of Chromatography A</i> , 2020 , 1618, 460771	4.5	4
184	Enantioseparation of β -carboline, tetrahydroisoquinoline and benzazepine analogues of pharmaceutical importance: Utilization of chiral stationary phases based on polysaccharides and sulfonic acid modified Cinchonaalkaloids in high-performance liquid and subcritical fluid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1615, 460771	4.5	4
183	Enantioselective resolution of biologically active dipeptide analogs by high-performance liquid chromatography applying Cinchona alkaloid-based ion-exchanger chiral stationary phases. <i>Journal of Chromatography A</i> , 2020 , 1611, 460574	4.5	7
182	Electrostatic attraction-repulsion model with Cinchona alkaloid-based zwitterionic chiral stationary phases exemplified for zwitterionic analytes. <i>Analytica Chimica Acta</i> , 2019 , 1078, 212-220	6.6	10
181	Evaluation of superficially porous particle based zwitterionic chiral ion exchangers against fully porous particle benchmarks for enantioselective ultra-high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2019 , 1603, 130-140	4.5	21

180	Cinchona Alkaloid-Based Zwitterionic Chiral Stationary Phases Applied for Liquid Chromatographic Enantiomer Separations: An Overview. <i>Methods in Molecular Biology</i> , 2019 , 1985, 251-277	1.4	2
179	Liquid chromatographic chiral recognition of phytoalexins on immobilized polysaccharides chiral stationary phases. Unusual temperature behavior. <i>Journal of Chromatography A</i> , 2019 , 1601, 178-188	4.5	4
178	Stable-bond polymeric reversed-phase/weak anion-exchange mixed-mode stationary phases obtained by simultaneous functionalization and crosslinking of a poly(3-mercaptopropyl)methylsiloxane-film on vinyl silica via thiol-ene double click reaction. <i>Journal of Chromatography A</i> , 2019 , 1593, 110-118	4.5	17
177	Effect of different immobilization strategies on chiral recognition properties of Cinchona-based anion exchangers. <i>Journal of Separation Science</i> , 2018 , 41, 1355-1364	3.4	12
176	Effects of N-methylation and amidation of cyclic β -amino acids on enantioselectivity and retention characteristics using Cinchona alkaloid- and sulfonic acid-based chiral zwitterionic stationary phases. <i>Journal of Chromatography A</i> , 2018 , 1535, 72-79	4.5	7
175	Complementary enantioselectivity profiles of chiral cinchonane carbamate selectors with distinct carbamate residues and their implementation in enantioselective two-dimensional high-performance liquid chromatography of amino acids. <i>Journal of Chromatography A</i> , 2018 , 1558, 29-36	4.5	10
174	Comparison of small size fully porous particles and superficially porous particles of chiral anion-exchange type stationary phases in ultra-high performance liquid chromatography: effect of particle and pore size on chromatographic efficiency and kinetic performance. <i>Journal of Chromatography A</i> , 2018 , 1569, 149-159	4.5	18
173	Zwitterionic codeine-derived methacrylate monoliths for enantioselective capillary electrochromatography of chiral acids and chiral bases. <i>Electrophoresis</i> , 2018 , 39, 2558-2565	3.6	8
172	Imaging Peptide and Protein Chirality via Amino Acid Analysis by Chiral \square Chiral Two-Dimensional Correlation Liquid Chromatography. <i>Analytical Chemistry</i> , 2018 , 90, 7963-7971	7.8	28
171	Dedicated comparisons of diverse polysaccharide- and zwitterionic Cinchona alkaloid-based chiral stationary phases probed with basic and ampholytic indole analogs in liquid and subcritical fluid chromatography mode. <i>Journal of Chromatography A</i> , 2018 , 1563, 180-190	4.5	9
170	Comparative study on the liquid chromatographic enantioseparation of cyclic β -amino acids and the related cyclic β -aminohydroxamic acids on Cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Journal of Separation Science</i> , 2018 , 41, 1216-1223	3.4	9
169	Improved Synthesis of Racemate and Enantiomers of Taniguchi Lactone and Conversion of Their $C=C$ Double Bonds into Triple Bonds. <i>Synthesis</i> , 2018 , 50, 651-657	2.9	2
168	Exploring the enantiorecognition mechanism of Cinchona alkaloid-based zwitterionic chiral stationary phases and the basic trans-paroxetine enantiomers. <i>Journal of Separation Science</i> , 2018 , 41, 1199-1207	3.4	11
167	Multi-Dimensional HPLC Analysis of Serine Containing Chiral Dipeptides in Japanese Traditional Amber Rice Vinegar. <i>Chromatography</i> , 2018 , 39, 59-66	1.2	8
166	Improved chromatographic diastereoresolution of cyclopropyl dafachronic acid derivatives using chiral anion exchangers. <i>Journal of Chromatography A</i> , 2018 , 1557, 20-27	4.5	9
165	Enantioselective multiple heartcut two-dimensional ultra-high-performance liquid chromatography method with a Coreshell chiral stationary phase in the second dimension for analysis of all proteinogenic amino acids in a single run. <i>Journal of Chromatography A</i> , 2018 , 1562, 69-77	4.5	30
164	Liquid chromatographic enantiomer separations applying chiral ion-exchangers based on Cinchona alkaloids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 159, 127-152	3.5	31
163	Liquid and subcritical fluid chromatographic enantioseparation of N-Fmoc proteinogenic amino acids on Quinidine-based zwitterionic and anion-exchanger type chiral stationary phases. A comparative study. <i>Chirality</i> , 2017 , 29, 225-238	2.1	10

- 162 Surface-anchored counterions on weak chiral anion-exchangers accelerate separations and improve their compatibility for mass-spectrometry-hyphenation. *Journal of Chromatography A*, **2017**, 1503, 21-31 4.5 13
- 161 Liquid chromatographic enantioseparation of limonene-based carbocyclic β -amino acids on zwitterionic Cinchona alkaloid-based chiral stationary phases. *Journal of Separation Science*, **2017**, 40, 3196-3204 3.4 7
- 160 Heterocyclic Analogues of Modafinil as Novel, Atypical Dopamine Transporter Inhibitors. *Journal of Medicinal Chemistry*, **2017**, 60, 9330-9348 8.3 10
- 159 Consequences of transition from liquid chromatography to supercritical fluid chromatography on the overall performance of a chiral zwitterionic ion-exchanger. *Journal of Chromatography A*, **2017**, 1517, 165-175 4.5 28
- 158 Methods for the comprehensive structural elucidation of constitution and stereochemistry of lipopeptides. *Journal of Chromatography A*, **2016**, 1428, 280-91 4.5 18
- 157 Propafenone shows class Ic and class II antiarrhythmic effects. *Europace*, **2016**, 18, 568-71 3.9 17
- 156 Enantioselective determination of citrulline and ornithine in the urine of d-amino acid oxidase deficient mice using a two-dimensional high-performance liquid chromatographic system. *Journal of Chromatography A*, **2016**, 1467, 312-317 4.5 25
- 155 Chiral separation of new designer drugs (Cathinones) on chiral ion-exchange type stationary phases. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 120, 306-15 3.5 26
- 154 State-of-the-art enantioseparations of natural and unnatural amino acids by high-performance liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2016**, 81, 11-22 14.6 61
- 153 Enantioselective Determination of Phenylalanine, Tyrosine and 3,4-Dihydroxyphenylalanine in the Urine of D-Amino Acid Oxidase Deficient Mice Using Two-Dimensional High-Performance Liquid Chromatography. *Chromatography*, **2016**, 37, 15-22 1.2 21
- 152 A Comparative Study of Enantioseparations of N-Fmoc Proteinogenic Amino Acids on Quinine-Based Zwitterionic and Anion Exchanger-Type Chiral Stationary Phases under Hydro-Organic Liquid and Subcritical Fluid Chromatographic Conditions. *Molecules*, **2016**, 21, 4.8 10
- 151 The "racemic approach" in the evaluation of the enantiomeric NorA efflux pump inhibition activity of 2-phenylquinoline derivatives. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 129, 182-189 3.5 12
- 150 Combinatorial effects of the configuration of the cationic and the anionic chiral subunits of four zwitterionic chiral stationary phases leading to reversal of elution order of cyclic β -amino acid enantiomers as ampholytic model compounds. *Journal of Chromatography A*, **2016**, 1467, 178-187 4.5 17
- 149 Mechanistic considerations of enantio-recognition on novel Cinchona alkaloid-based zwitterionic chiral stationary phases from the aspect of the separation of trans-paroxetine enantiomers as model compounds. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 124, 164-173 3.5 33
- 148 High-performance liquid chromatographic enantioseparation of cyclic β -aminohydroxamic acids on zwitterionic chiral stationary phases based on Cinchona alkaloids. *Analytica Chimica Acta*, **2016**, 921, 84-94 6.6 17
- 147 Surface-crosslinked poly(3-mercaptopropyl)methylsiloxane-coatings on silica as new platform for low-bleed mass spectrometry-compatible functionalized stationary phases synthesized via thiol-ene click reaction. *Journal of Chromatography A*, **2016**, 1436, 73-83 4.5 23
- 146 Enantioseparation of β -carboline derivatives on polysaccharide- and strong cation exchanger-based chiral stationary phases. A comparative study. *Journal of Chromatography A*, **2016**, 1467, 188-198 4.5 8
- 145 Ultra-trace Analysis of Enantiomeric Impurities in Proteinogenic N-Fmoc-Amino-acid Samples on Cinchona Alkaloid-based Chiral Stationary Phases. *Israel Journal of Chemistry*, **2016**, 56, 1042-1051 3.4 6

144	Quinine-Based Zwitterionic Chiral Stationary Phase as a Complementary Tool for Peptide Analysis: Mobile Phase Effects on Enantio- and Stereoselectivity of Underivatized Oligopeptides. <i>Chirality</i> , 2016 , 28, 5-16	2.1	21
143	Simultaneous analysis of D-alanine, D-aspartic acid, and D-serine using chiral high-performance liquid chromatography-tandem mass spectrometry and its application to the rat plasma and tissues. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 115, 123-9	3.5	44
142	Diastereo- and enantioseparation of a N ^t -Boc amino acid with a zwitterionic quinine-based stationary phase: focus on the stereorecognition mechanism. <i>Analytica Chimica Acta</i> , 2015 , 885, 174-82	6.6	22
141	Design and synthesis of a novel pre-column derivatization reagent with a 6-methoxy-4-quinolone moiety for fluorescence and tandem mass spectrometric detection and its application to chiral amino acid analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 116, 71-9	3.5	10
140	Establishment of a two-dimensional chiral HPLC system for the simultaneous detection of lactate and 3-hydroxybutyrate enantiomers in human clinical samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 116, 80-5	3.5	13
139	High-performance liquid chromatographic enantioseparation of cationic 1,2,3,4-tetrahydroisoquinoline analogs on Cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 961-72	4.4	13
138	The stereoselective separation of serine containing peptides by zwitterionic ion exchanger type chiral stationary phases and the study of serine racemization mechanisms by isotope exchange and tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 116, 123-30	3.5	6
137	Mechanistic aspects of the direct C-acylation of cyclic 1,3-diones with various unactivated carboxylic acids. <i>Tetrahedron</i> , 2015 , 71, 2698-2707	2.4	10
136	Application of Cinchona alkaloid-based zwitterionic chiral stationary phases in supercritical fluid chromatography for the enantioseparation of N ^t -protected proteinogenic amino acids. <i>Journal of Chromatography A</i> , 2015 , 1415, 134-45	4.5	22
135	High-Performance Liquid Chromatographic Enantioseparation of Cyclic β -Amino Acids on Zwitterionic Chiral Stationary Phases Based on Cinchona Alkaloids. <i>Chirality</i> , 2015 , 27, 563-70	2.1	16
134	High-performance liquid chromatographic separation of unusual β -amino acid enantiomers in different chromatographic modes on Cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Amino Acids</i> , 2015 , 47, 2279-91	3.5	18
133	Investigation of the structure-selectivity relationships and van $\text{\textcircled{Q}}$ Hoff analysis of chromatographic stereoisomer separations of unusual isoxazoline-fused 2-aminocyclopentanecarboxylic acids on Cinchona alkaloid-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2015 , 1384, 67-75	4.5	13
132	Gold nanoparticle-antibody conjugates for specific extraction and subsequent analysis by liquid chromatography-tandem mass spectrometry of malondialdehyde-modified low density lipoprotein as biomarker for cardiovascular risk. <i>Analytica Chimica Acta</i> , 2015 , 857, 53-63	6.6	33
131	Achiral-chiral two-dimensional chromatography of free amino acids in milk: A promising tool for detecting different levels of mastitis in cows. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 116, 40-6	3.5	26
130	Correlation between amino acid racemization and processing conditions for various wheat products, oil seed press cakes and lignin samples. <i>Food and Bioproducts Processing</i> , 2014 , 92, 355-368	4.9	6
129	Direct enantioseparation of underivatized aliphatic 3-hydroxyalkanoic acids with a quinine-based zwitterionic chiral stationary phase. <i>Journal of Chromatography A</i> , 2014 , 1363, 101-8	4.5	44
128	Ketoprofen enantioseparation with a Cinchona alkaloid based stationary phase: enantio-recognition mechanism and release studies. <i>Journal of Separation Science</i> , 2014 , 37, 2696-703	3.4	15
127	Direct high-performance liquid chromatographic enantioseparation of secondary amino acids on Cinchona alkaloid-based chiral zwitterionic stationary phases. Unusual temperature behavior. <i>Journal of Chromatography A</i> , 2014 , 1363, 169-77	4.5	31

126	Enantioseparation of (D)-amino acids on cinchona alkaloid-based zwitterionic chiral stationary phases. Structural and temperature effects. <i>Journal of Chromatography A</i> , 2014 , 1334, 44-54	4.5	26
125	Simultaneous quantification of mefloquine (+)- and (-)-enantiomers and the carboxy metabolite in dried blood spots by liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 968, 32-9	3.2	20
124	Chiral amino acid analysis of Japanese traditional Kurozu and the developmental changes during earthenware jar fermentation processes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 966, 187-92	3.2	36
123	Ligand-receptor binding increments in enantioselective liquid chromatography. <i>Journal of Chromatography A</i> , 2014 , 1363, 79-88	4.5	3
122	Chromatographic separation of free dafachronic acid epimers with a novel triazole click quinidine-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2014 , 1339, 96-102	4.5	17
121	Zwitterionic chiral stationary phases based on cinchona and chiral sulfonic acids for the direct stereoselective separation of amino acids and other amphoteric compounds. <i>Journal of Separation Science</i> , 2014 , 37, 1237-47	3.4	35
120	Method development and optimization on cinchona and chiral sulfonic acid-based zwitterionic stationary phases for enantiomer separations of free amino acids by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014 , 1363, 191-9	4.5	50
119	Structural and temperature effects on enantiomer separations of bicyclo[2.2.2]octane-based 3-amino-2-carboxylic acids on cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 98, 130-9	3.5	27
118	Comparison of the separation performances of cinchona alkaloid-based zwitterionic stationary phases in the enantioseparation of D- and L-amino acids. <i>Molecules</i> , 2014 , 20, 70-87	4.8	16
117	Enantioselective Determination of Extraterrestrial Amino Acids Using a Two-Dimensional Chiral High-Performance Liquid Chromatographic System. <i>Chromatography</i> , 2014 , 35, 103-110	1.2	27
116	Unusual temperature-induced retention behavior of constrained L-amino acid enantiomers on the zwitterionic chiral stationary phases ZWIX(+) and ZWIX(-). <i>Chirality</i> , 2014 , 26, 385-93	2.1	33
115	Effect of mobile phase composition on the liquid chromatographic enantioseparation of bulky monoterpene-based L-amino acids by applying chiral stationary phases based on Cinchona alkaloid. <i>Journal of Separation Science</i> , 2014 , 37, 1075-82	3.4	23
114	Novel carbamoyl type quinine and quinidine based chiral anion exchangers implementing alkyne-azide cycloaddition immobilization chemistry. <i>Journal of Chromatography A</i> , 2014 , 1337, 85-94	4.5	23
113	Enantioseparation of 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate tagged amino acids and other zwitterionic compounds on cinchona-based chiral stationary phases. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8105-20	4.4	20
112	2-Acyl-dimedones as UV-active protective agents for chiral amino acids: enantiomer separations of the derivatives on chiral anion exchangers. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8011-26	4.4	6
111	Chemoaffinity material for plasmid DNA analysis by high-performance liquid chromatography with condition-dependent switching between isoform and topoisomer selectivity. <i>Analytical Chemistry</i> , 2013 , 85, 2913-20	7.8	17
110	Phosphopeptidomimetic substance libraries from multicomponent reaction: enantioseparation on quinidine carbamate stationary phase. <i>Journal of Chromatography A</i> , 2013 , 1310, 56-65	4.5	4
109	Strong cation exchange chiral stationary phase--a comparative study in high-performance liquid chromatography and subcritical fluid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1317, 59-66	4.5	16

108	Application of cinchona-sulfonate-based chiral zwitterionic ion exchangers for the separation of proline-containing dipeptide rotamers and determination of on-column isomerization parameters from dynamic elution profiles. <i>Analytica Chimica Acta</i> , 2013 , 795, 88-98	6.6	19
107	Strong cation exchange-type chiral stationary phase for enantioseparation of chiral amines in subcritical fluid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1289, 94-104	4.5	44
106	Direct high-performance liquid chromatographic enantioseparation of free β - and β -aminophosphonic acids employing cinchona-based chiral zwitterionic ion exchangers. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8027-38	4.4	20
105	Click chemistry immobilization strategies in the development of strong cation exchanger chiral stationary phases for HPLC. <i>Journal of Separation Science</i> , 2013 , 36, 2826-37	3.4	17
104	Topology-selective chromatography reveals plasmid supercoiling shifts during fermentation and allows rapid and efficient preparation of topoisomers. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 267-70	16.4	6
103	Diastereoselective discrimination of lysine-alanine-alanine peptides by zwitterionic cinchona alkaloid-based chiral selectors using electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1269, 308-15	4.5	8
102	Methoxyquinoline labeling--a new strategy for the enantioseparation of all chiral proteinogenic amino acids in 1-dimensional liquid chromatography using fluorescence and tandem mass spectrometric detection. <i>Journal of Chromatography A</i> , 2012 , 1269, 262-9	4.5	27
101	Enantioselective two-dimensional high-performance liquid chromatographic determination of N-methyl-D-aspartic acid and its analogues in mammals and bivalves. <i>Journal of Chromatography A</i> , 2012 , 1269, 255-61	4.5	24
100	Mechanistic investigations of cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Journal of Chromatography A</i> , 2012 , 1269, 287-96	4.5	44
99	Molecular recognition principles and stationary-phase characteristics of topoisomer-selective chemoaffinity materials for chromatographic separation of circular plasmid DNA topoisomers. <i>Journal of the American Chemical Society</i> , 2012 , 134, 859-62	16.4	10
98	Potential of chiral anion-exchangers operated in various subcritical fluid chromatography modes for resolution of chiral acids. <i>Journal of Chromatography A</i> , 2012 , 1245, 175-82	4.5	44
97	Optimization strategies accounting for the additive in preparative chiral liquid chromatography. <i>Journal of Chromatography A</i> , 2012 , 1269, 279-86	4.5	8
96	Versatility of cinchona-based zwitterionic chiral stationary phases: enantiomer and diastereomer separations of non-protected oligopeptides utilizing a multi-modal chiral recognition mechanism. <i>Journal of Chromatography A</i> , 2012 , 1269, 297-307	4.5	22
95	A practical method for the quantitative assessment of non-enantioselective versus enantioselective interactions encountered in liquid chromatography on brush-type chiral stationary phase. <i>Journal of Chromatography A</i> , 2012 , 1269, 270-8	4.5	31
94	Increments to chiral recognition facilitating enantiomer separations of chiral acids, bases, and ampholytes using Cinchona-based zwitterion exchanger chiral stationary phases. <i>Journal of Separation Science</i> , 2012 , 35, 1560-72	3.4	40
93	Enantioseparation of chiral sulfonates by liquid chromatography and subcritical fluid chromatography. <i>Journal of Separation Science</i> , 2012 , 35, 2521-8	3.4	10
92	Chromatographic Enantiomer Separation Using 9-Amino-9-(deoxy)-epiquinine-derived Chiral Selectors: Control of Chiral Recognition via Introduction of Additional Stereogenic Centers. <i>Acta Chimica Slovenica</i> , 2012 , 59, 454-63	1.9	3
91	Simultaneous determination of D-aspartic acid and D-glutamic acid in rat tissues and physiological fluids using a multi-loop two-dimensional HPLC procedure. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 3196-202	3.2	57

90	Chemoselective and enantioselective analysis of proteinogenic amino acids utilizing N-derivatization and 1-D enantioselective anion-exchange chromatography in combination with tandem mass spectrometric detection. <i>Journal of Chromatography A</i> , 2011 , 1218, 8379-87	4.5	50
89	Multi-modal applicability of a reversed-phase/weak-anion exchange material in reversed-phase, anion-exchange, ion-exclusion, hydrophilic interaction and hydrophobic interaction chromatography modes. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2517-30	4.4	61
88	Novel Pirkle-type quinine 3,5-dinitrophenylcarbamate chiral stationary phase implementing click chemistry. <i>Journal of Separation Science</i> , 2011 , 34, 2391-6	3.4	21
87	Triazolo-linked cinchona alkaloid carbamate anion exchange-type chiral stationary phases: Synthesis by click chemistry and evaluation. <i>Journal of Chromatography A</i> , 2011 , 1218, 1452-60	4.5	18
86	Quantitative LC-ESI-MS/MS metabolic profiling method for fatty acids and lipophilic metabolites in fermentation broths from beta-lactam antibiotics production. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 147-160	4.4	22
85	Strong detrimental effect of a minute enantiomeric impurity of a chiral selector on the enantioselectivity factor. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7742-4	16.4	21
84	Unexpected enantioseparation of mandelic acids and their derivatives on 1,2,3-triazolo-linked quinine tert-butyl carbamate anion exchange-type chiral stationary phase. <i>Journal of Separation Science</i> , 2010 , 33, 2590-8	3.4	22
83	Selectivity issues in targeted metabolomics: Separation of phosphorylated carbohydrate isomers by mixed-mode hydrophilic interaction/weak anion exchange chromatography. <i>Journal of Separation Science</i> , 2010 , 33, 3273-82	3.4	66
82	Simultaneous determination of hydrophilic amino acid enantiomers in mammalian tissues and physiological fluids applying a fully automated micro-two-dimensional high-performance liquid chromatographic concept. <i>Journal of Chromatography A</i> , 2010 , 1217, 1056-62	4.5	87
81	Enantiomer separation and indirect chromatographic absolute configuration prediction of chiral pirinixic acid derivatives: Limitations of polysaccharide-type chiral stationary phases in comparison to chiral anion-exchangers. <i>Journal of Chromatography A</i> , 2010 , 1217, 1033-40	4.5	17
80	Enantiomer separation of imidazo-quinazoline-dione derivatives on quinine carbamate-based chiral stationary phase in normal phase mode. <i>Chirality</i> , 2009 , 21, 199-207	2.1	14
79	Antigenicity of heat-treated and trypsin-digested milk samples studied by an optical immunochip biosensor. <i>Monatshfte für Chemie</i> , 2009 , 140, 921-929	1.4	4
78	Separation of Cinchona alkaloids on a novel strong cation-exchange-type chiral stationary phase-comparison with commercially available strong cation exchanger and reversed-phase packing materials. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1257-65	4.4	24
77	Stationary phase-related investigations of quinine-based zwitterionic chiral stationary phases operated in anion-, cation-, and zwitterion-exchange modes. <i>Journal of Chromatography A</i> , 2009 , 1216, 1147-56	4.5	63
76	Assignment of absolute configurations of permethrin and its synthon 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylic acid by electronic circular dichroism, optical rotation, and X-ray crystallography. <i>Tetrahedron: Asymmetry</i> , 2009 , 20, 1027-1035		11
75	Adsorption behaviour of a quinidine carbamate-based chiral stationary phase: role of the additive. <i>Journal of Chromatography A</i> , 2009 , 1216, 3480-7	4.5	22
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