Wolfgang F Lindner

List of Publications by Year
in descending order

191 papers	7,354 citations	70961 41 h-index	79541 73 g-index
203 all docs	203 docs citations	203 times ranked	4326 citing authors

#	Article	IF	Citations
1	Enantioselective high-performance liquid chromatographic separation of fluorinated ÃŸ-phenylalanine derivatives utilizing Cinchona alkaloid-based ion-exchanger chiral stationary phases. Journal of Chromatography A, 2022, 1670, 462974.	1.8	2
2	Chiral separation of dipeptides on Cinchonaâ€based zwitterionic chiral stationary phases under bufferâ€free reversedâ€phase conditions. Chirality, 2022, 34, 1065-1077.	1.3	3
3	Development and chromatographic exploration of stableâ€bonded crossâ€linked amino silica against classical amino phases. Journal of Separation Science, 2022, 45, 3286-3300.	1.3	1
4	Polysaccharide-based chiral stationary phases as efficient tools for diastereo- and enantioseparation of natural and synthetic Cinchona alkaloid analogs. Journal of Pharmaceutical and Biomedical Analysis, 2021, 193, 113724.	1.4	11
5	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-ÃŸ-carboline and 1,2,3,4-tetrahydroisoquinoline analogs. Journal of Chromatography A, 2021, 1644, 462121.	1.8	3
6	Cinchona â€alkaloidâ€based zwitterionic chiral stationary phases as potential tools for highâ€performance liquid chromatographic enantioseparation of cationic compounds of pharmaceutical relevance. Journal of Separation Science, 2021, 44, 2735-2743.	1.3	1
7	Unexpected effects of mobile phase solvents and additives on retention and resolution of N-acyl-D,L-leucine applying Cinchonane-based chiral ion exchangers. Journal of Chromatography A, 2021, 1648, 462212.	1.8	7
8	Design and synthesis of naphthaleneâ€based chiral strong cation exchangers and their application for chiral separation of basic drugs. Journal of Separation Science, 2021, 44, 3348-3356.	1.3	4
9	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. Journal of Chromatography A, 2021, 1653, 462418.	1.8	9
10	Efficient enantioresolution of aromatic Î±-hydroxy acids with Cinchona alkaloid-based zwitterionic stationary phases and volatile polar-ionic eluents. Analytica Chimica Acta, 2021, 1180, 338928.	2.6	8
11	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. Journal of Chromatography Open, 2021, 1, 100004.	0.8	7
12	Enantioselective resolution of biologically active dipeptide analogs by high-performance liquid chromatography applying Cinchona alkaloid-based ion-exchanger chiral stationary phases. Journal of Chromatography A, 2020, 1611, 460574.	1.8	12
13	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. Journal of Chromatography A, 2020, 1609, 460498.	1.8	7
14	Enantioseparation of ÃŸ-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. Journal of Chromatography A, 2020, 1615, 460771.	1.8	6
15	Derivatized polysaccharides on silica and hybridized with silica in chromatography and separationâ€”A mini review. , 2020, , 441-462.		1
16	Gradient supercritical fluid chromatography coupled to mass spectrometry with a gradient flow of make-up solvent for enantioseparation of cathinones. Journal of Chromatography A, 2020, 1625, 461286.	1.8	16
17	High-performance liquid chromatographic enantioseparation of isopulegol-based ÃŸ-amino lactone and ÃŸ-amino amide analogs on polysaccharide-based chiral stationary phases focusing on the change of the enantiomer elution order. Journal of Chromatography A, 2020, 1621, 461054.	1.8	11
18	Electrostatic attraction-repulsion model with Cinchona alkaloid-based zwitterionic chiral stationary phases exemplified for zwitterionic analytes. Analytica Chimica Acta, 2019, 1078, 212-220.	2.6	16

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19	Evaluation of superficially porous particle based zwitterionic chiral ion exchangers against fully porous particle benchmarks for enantioselective ultra-high performance liquid chromatography. Journal of Chromatography A, 2019, 1603, 130-140.	1.8	32
20	Cinchona Alkaloid-Based Zwitterionic Chiral Stationary Phases Applied for Liquid Chromatographic Enantiomer Separations: An Overview. Methods in Molecular Biology, 2019, 1985, 251-277.	0.4	5
21	Liquid chromatographic chiral recognition of phytoalexins on immobilized polysaccharides chiral stationary phases. Unusual temperature behavior. Journal of Chromatography A, 2019, 1601, 178-188.	1.8	6
22	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. Journal of Chromatography A, 2019, 1593, 110-118.	1.8	20
23	Effect of different immobilization strategies on chiral recognition properties of Cinchonaâ€based anion exchangers. Journal of Separation Science, 2018, 41, 1355-1364.	1.3	18
24	Effects of N-methylation and amidination of cyclic Î²-amino acids on enantioselectivity and retention characteristics using Cinchona alkaloid- and sulfonic acid-based chiral zwitterionic stationary phases. Journal of Chromatography A, 2018, 1535, 72-79.	1.8	10
25	Complementary enantioselectivity profiles of chiral cinchonan carbamate selectors with distinct carbamate residues and their implementation in enantioselective two-dimensional high-performance liquid chromatography of amino acids. Journal of Chromatography A, 2018, 1558, 29-36.	1.8	15
26	Comparative study on the liquid chromatographic enantioseparation of cyclic Î²â€amino acids and the related cyclic Î²â€aminohydroxamic acids on Cinchona alkaloidâ€based zwitterionic chiral stationary phases. Journal of Separation Science, 2018, 41, 1216-1223.	1.3	14
27	Improved Synthesis of Racemate and Enantiomers of Taniguchi Lactone and Conversion of Their Câ€“C Double Bonds into Triple Bonds. Synthesis, 2018, 50, 651-657.	1.2	6
28	Exploring the enantiorecognition mechanism of Cinchona alkaloidâ€based zwitterionic chiral stationary phases and the basic transâ€paroxetine enantiomers. Journal of Separation Science, 2018, 41, 1199-1207.	1.3	15
29	Multi-Dimensional HPLC Analysis of Serine Containing Chiral Dipeptides in Japanese Traditional Amber Rice Vinegar. Chromatography, 2018, 39, 59-66.	0.8	10
30	Improved chromatographic diastereoresolution of cyclopropyl dafachronic acid derivatives using chiral anion exchangers. Journal of Chromatography A, 2018, 1557, 20-27.	1.8	12
31	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. Journal of Chromatography A, 2018, 1562, 69-77.	1.8	49
32	Liquid chromatographic enantiomer separations applying chiral ion-exchangers based on Cinchona alkaloids. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 127-152.	1.4	48
33	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. Journal of Chromatography A, 2018, 1569, 149-159.	1.8	28
34	Zwitterionic codeineâ€derived methacrylate monoliths for enantioselective capillary electrochromatography of chiral acids and chiral bases. Electrophoresis, 2018, 39, 2558-2565.	1.3	14
35	Imaging Peptide and Protein Chirality via Amino Acid Analysis by Chiral Ã— Chiral Two-Dimensional Correlation Liquid Chromatography. Analytical Chemistry, 2018, 90, 7963-7971.	3.2	42
36	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. Journal of Chromatography A, 2018, 1563, 180-190.	1.8	10

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37	Liquid and subcritical fluid chromatographic enantioseparation of N^{Î±}â€Fmoc proteinogenic amino acids on Quinidineâ€based zwitterionic and anionâ€exchanger type chiral stationary phases. A comparative study. Chirality, 2017, 29, 225-238.	1.3	12
38	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.	1.8	15
39	Liquid chromatographic enantioseparation of limoneneâ€based carbocyclic Î²â€amino acids on zwitterionic Cinchona alkaloidâ€based chiral stationary phases. Journal of Separation Science, 2017, 40, 3196-3204.	1.3	7
40	Heterocyclic Analogues of Modafinil as Novel, Atypical Dopamine Transporter Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 9330-9348.	2.9	26
41	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.	1.8	35
42	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.	0.8	26
43	A Comparative Study of Enantioseparations of NÎ±-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, 1579.	1.7	12
44	The â€œracemic approachâ€• 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.	1.4	14
45	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 Î²-amino acid enantiomers as ampholytic model compounds. Journal of Chromatography A, 2016, 1467, 178-187.	1.8	19
46	Mechanistic considerations of enantiorecognition 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.	1.4	39
47	High-performance liquid chromatographic enantioseparation of cyclic Î²-aminohydroxamic acids on zwitterionic chiral stationary phases based on Cinchona alkaloids. Analytica Chimica Acta, 2016, 921, 84-94.	2.6	20
48	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.	1.8	28
49	Enantioseparation of ÃŸ-carboline derivatives on polysaccharide- and strong cation exchanger-based chiral stationary phases. A comparative study. Journal of Chromatography A, 2016, 1467, 188-198.	1.8	10
50	Ultraâ€trace Analysis of Enantiomeric Impurities in Proteinogenic Nâ€Fmocâ€Aminoâ€acid Samples on Cinchona Alkaloidâ€based Chiral Stationary Phases. Israel Journal of Chemistry, 2016, 56, 1042-1051.	1.0	8
51	Quinineâ€Based Zwitterionic Chiral Stationary Phase as a Complementary Tool for Peptide Analysis: Mobile Phase Effects on Enantioâ€and Stereoselectivity of Underivatized Oligopeptides. Chirality, 2016, 28, 5-16.	1.3	27
52	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.	1.8	27
53	Chiral separation of new designer drugs (Cathinones) on chiral ion-exchange type stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2016, 120, 306-315.	1.4	30
54	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.	5.8	83

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55	Methods for the comprehensive structural elucidation of constitution and stereochemistry of lipopeptides. Journal of Chromatography A, 2016, 1428, 280-291.	1.8	28
56	Propafenone shows class Ic and class II antiarrhythmic effects. Europace, 2016, 18, 568-571.	0.7	27
57	Comparison of the Separation Performances of Cinchona Alkaloid-Based Zwitterionic Stationary Phases in the Enantioseparation of Î²2- and Î²3-Amino Acids. Molecules, 2015, 20, 70-87.	1.7	16
58	Highâ€Performance Liquid Chromatographic Enantioseparation of Cyclic Î²â€Amino Acids on Zwitterionic Chiral Stationary Phases Based on Cinchona Alkaloids. Chirality, 2015, 27, 563-570.	1.3	16
59	High-performance liquid chromatographic separation of unusual Î²3-amino acid enantiomers in different chromatographic modes on Cinchona alkaloid-based zwitterionic chiral stationary phases. Amino Acids, 2015, 47, 2279-2291.	1.2	18
60	Investigation of the structureâ€“selectivity relationships and vanâ€™t Hoff analysis of chromatographic stereoisomer separations of unusual isoxazoline-fused 2-aminocyclopentanecarboxylic acids on Cinchona alkaloid-based chiral stationary phases. Journal of Chromatography A, 2015, 1384, 67-75.	1.8	13
61	Gold nanoparticleâ€“antibody conjugates for specific extraction and subsequent analysis by liquid chromatographyâ€“tandem mass spectrometry of malondialdehyde-modified low density lipoprotein as biomarker for cardiovascular risk. Analytica Chimica Acta, 2015, 857, 53-63.	2.6	34
62	Achiralâ€“chiral two-dimensional chromatography of free amino acids in milk: A promising tool for detecting different levels of mastitis in cows. Journal of Pharmaceutical and Biomedical Analysis, 2015, 116, 40-46.	1.4	40
63	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. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 123-129.	1.4	59
64	Diastereo- and enantioseparation of a NÎ±-Boc amino acid with a zwitterionic quinine-based stationary phase: Focus on the stereorecognition mechanism. Analytica Chimica Acta, 2015, 885, 174-182.	2.6	28
65	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. Journal of Pharmaceutical and Biomedical Analysis, 2015, 116, 71-79.	1.4	11
66	Establishment of a two-dimensional chiral HPLC system for the simultaneous detection of lactate and 3-hydroxybutyrate enantiomers in human clinical samples. Journal of Pharmaceutical and Biomedical Analysis, 2015, 116, 80-85.	1.4	19
67	High-performance liquid chromatographic enantioseparation of cationic 1,2,3,4-tetrahydroisoquinoline analogs on Cinchona alkaloid-based zwitterionic chiral stationary phases. Analytical and Bioanalytical Chemistry, 2015, 407, 961-972.	1.9	13
68	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. Journal of Pharmaceutical and Biomedical Analysis, 2015, 116, 123-130.	1.4	8
69	Mechanistic aspects of the direct C-acylation of cyclic 1,3-diones with various unactivated carboxylic acids. Tetrahedron, 2015, 71, 2698-2707.	1.0	10
70	Application of Cinchona alkaloid-based zwitterionic chiral stationary phases in supercritical fluid chromatography for the enantioseparation of NÎ±-protected proteinogenic amino acids. Journal of Chromatography A, 2015, 1415, 134-145.	1.8	23
71	Enantioselective Determination of Extraterrestrial Amino Acids Using a Two-Dimensional Chiral High-Performance Liquid Chromatographic System. Chromatography, 2014, 35, 103-110.	0.8	32
72	Unusual Temperatureâ€Induced Retention Behavior of Constrained Î²â€Amino Acid Enantiomers on the Zwitterionic Chiral Stationary Phases ZWIX(+) and ZWIX(â€“). Chirality, 2014, 26, 385-393.	1.3	37

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73	Effect of mobile phase composition on the liquid chromatographic enantioseparation of bulky monoterpene-based Î²-amino acids by applying chiral stationary phases based onCinchonaalkaloid. Journal of Separation Science, 2014, 37, 1075-1082.	1.3	24
74	Novel carbamoyl type quinine and quinidine based chiral anion exchangers implementing alkyneâ€“azide cycloaddition immobilization chemistry. Journal of Chromatography A, 2014, 1337, 85-94.	1.8	27
75	Correlation between amino acid racemization and processing conditions for various wheat products, oil seed press cakes and lignin samples. Food and Bioproducts Processing, 2014, 92, 355-368.	1.8	9
76	Direct enantioseparation of underivatized aliphatic 3-hydroxyalkanoic acids with a quinine-based zwitterionic chiral stationary phase. Journal of Chromatography A, 2014, 1363, 101-108.	1.8	51
77	Ketoprofen enantioseparation with a Cinchona alkaloid based stationary phase: Enantiorecognition mechanism and release studies. Journal of Separation Science, 2014, 37, 2696-2703.	1.3	18
78	Direct high-performance liquid chromatographic enantioseparation of secondary amino acids on Cinchona alkaloid-based chiral zwitterionic stationary phases. Unusual temperature behavior. Journal of Chromatography A, 2014, 1363, 169-177.	1.8	33
79	Enantioseparation of Î²2-amino acids on cinchona alkaloid-based zwitterionic chiral stationary phases. Structural and temperature effects. Journal of Chromatography A, 2014, 1334, 44-54.	1.8	28
80	Simultaneous quantification of mefloquine (+)- and (â^')-enantiomers and the carboxy metabolite in dried blood spots by liquid chromatography/tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 968, 32-39.	1.2	21
81	Chiral amino acid analysis of Japanese traditional Kurozu and the developmental changes during earthenware jar fermentation processes. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 966, 187-192.	1.2	49
82	Ligandâ€“receptor binding increments in enantioselective liquid chromatography. Journal of Chromatography A, 2014, 1363, 79-88.	1.8	4
83	Chromatographic separation of free dafachronic acid epimers with a novel triazole click quinidine-based chiral stationary phase. Journal of Chromatography A, 2014, 1339, 96-102.	1.8	20
84	Zwitterionic chiral stationary phases based on cinchona and chiral sulfonic acids for the direct stereoselective separation of amino acids and other amphoteric compounds. Journal of Separation Science, 2014, 37, 1237-1247.	1.3	42
85	Method development and optimization on cinchona and chiral sulfonic acidâ€“based zwitterionic stationary phases for enantiomer separations of free amino acids by high-performance liquid chromatography. Journal of Chromatography A, 2014, 1363, 191-199.	1.8	53
86	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. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 130-139.	1.4	27
87	Enantioseparation of 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate tagged amino acids and other zwitterionic compounds on cinchona-based chiral stationary phases. Analytical and Bioanalytical Chemistry, 2013, 405, 8105-8120.	1.9	24
88	2-Acyl-dimedones as UV-active protective agents for chiral amino acids: enantiomer separations of the derivatives on chiral anion exchangers. Analytical and Bioanalytical Chemistry, 2013, 405, 8011-8026.	1.9	6
89	Chemoaffinity Material for Plasmid DNA Analysis by High-Performance Liquid Chromatography with Condition-Dependent Switching between Isoform and Topoisomer Selectivity. Analytical Chemistry, 2013, 85, 2913-2920.	3.2	19
90	Phosphopeptidomimetic substance libraries from multicomponent reaction: Enantioseparation on quinidine carbamate stationary phase. Journal of Chromatography A, 2013, 1310, 56-65.	1.8	4

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91	Strong cation exchange chiral stationary phaseâ€"A comparative study in high-performance liquid chromatography and subcritical fluid chromatography. Journal of Chromatography A, 2013, 1317, 59-66.	1.8	17
92	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. Analytica Chimica Acta, 2013, 795, 88-98.	2.6	23
93	Strong cation exchange-type chiral stationary phase for enantioseparation of chiral amines in subcritical fluid chromatography. Journal of Chromatography A, 2013, 1289, 94-104.	1.8	53
94	Direct high-performance liquid chromatographic enantioseparation of free Î±-, Î²- and Î³-aminophosphonic acids employing cinchona-based chiral zwitterionic ion exchangers. Analytical and Bioanalytical Chemistry, 2013, 405, 8027-8038.	1.9	22
95	Click chemistry immobilization strategies in the development of strong cation exchanger chiral stationary phases for HPLC. Journal of Separation Science, 2013, 36, 2826-2837.	1.3	20
96	Diastereoselective discrimination of lysineâ€"alanineâ€"alanine peptides by zwitterionic cinchona alkaloid-based chiral selectors using electrospray ionization mass spectrometry. Journal of Chromatography A, 2012, 1269, 308-315.	1.8	8
97	Methoxyquinoline labelingâ€"A new strategy for the enantioseparation of all chiral proteinogenic amino acids in 1-dimensional liquid chromatography using fluorescence and tandem mass spectrometric detection. Journal of Chromatography A, 2012, 1269, 262-269.	1.8	32
98	Enantioselective two-dimensional high-performance liquid chromatographic determination of N-methyl-d-aspartic acid and its analogues in mammals and bivalves. Journal of Chromatography A, 2012, 1269, 255-261.	1.8	30
99	Mechanistic investigations of cinchona alkaloid-based zwitterionic chiral stationary phases. Journal of Chromatography A, 2012, 1269, 287-296.	1.8	50
100	Molecular Recognition Principles and Stationary-Phase Characteristics of Topoisomer-Selective Chemoaffinity Materials for Chromatographic Separation of Circular Plasmid DNA Topoisomers. Journal of the American Chemical Society, 2012, 134, 859-862.	6.6	11
101	Potential of chiral anion-exchangers operated in various subcritical fluid chromatography modes for resolution of chiral acids. Journal of Chromatography A, 2012, 1245, 175-182.	1.8	50
102	Optimization strategies accounting for the additive in preparative chiral liquid chromatography. Journal of Chromatography A, 2012, 1269, 279-286.	1.8	10
103	Versatility of cinchona-based zwitterionic chiral stationary phases: Enantiomer and diastereomer separations of non-protected oligopeptides utilizing a multi-modal chiral recognition mechanism. Journal of Chromatography A, 2012, 1269, 297-307.	1.8	26
104	A practical method for the quantitative assessment of non-enantioselective versus enantioselective interactions encountered in liquid chromatography on brush-type chiral stationary phase. Journal of Chromatography A, 2012, 1269, 270-278.	1.8	34
105	Increments to chiral recognition facilitating enantiomer separations of chiral acids, bases, and ampholytes using <scp>C</scp>inchonaâ€based zwitterion exchanger chiral stationary phases. Journal of Separation Science, 2012, 35, 1560-1572.	1.3	43
106	Enantioseparation of chiral sulfonates by liquid chromatography and subcritical fluid chromatography. Journal of Separation Science, 2012, 35, 2521-2528.	1.3	11
107	Topologyâ€Selective Chromatography Reveals Plasmid Supercoiling Shifts during Fermentation and Allows Rapid and Efficient Preparation of Topoisomers. Angewandte Chemie - International Edition, 2012, 51, 267-270.	7.2	6
108	Chromatographic Enantiomer Separation Using 9-Amino-9-(deoxy)-epiquinine-derived Chiral Selectors: Control of Chiral Recognition via Introduction of Additional Stereogenic Centers. Acta Chimica Slovenica, 2012, 59, 454-63.	0.2	3

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109	Simultaneous determination of d-aspartic acid and d-glutamic acid in rat tissues and physiological fluids using a multi-loop two-dimensional HPLC procedure. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 3196-3202.	1.2	65
110	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. Journal of Chromatography A, 2011, 1218, 8379-8387.	1.8	60
111	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. Analytical and Bioanalytical Chemistry, 2011, 400, 2517-2530.	1.9	64
112	Novel Pirkleâ€type quinine 3,5â€dinitrophenylcarbamate chiral stationary phase implementing click chemistry. Journal of Separation Science, 2011, 34, 2391-2396.	1.3	24
113	Triazolo-linked cinchona alkaloid carbamate anion exchange-type chiral stationary phases: Synthesis by click chemistry and evaluation. Journal of Chromatography A, 2011, 1218, 1452-1460.	1.8	22
114	Quantitative LC-ESI-MS/MS metabolic profiling method for fatty acids and lipophilic metabolites in fermentation broths from Î²-lactam antibiotics production. Analytical and Bioanalytical Chemistry, 2010, 397, 147-160.	1.9	27
115	Euroanalysis XV, 2009: The European conference on analytical chemistry. Analytical and Bioanalytical Chemistry, 2010, 397, 5-6.	1.9	1
116	Strong Detrimental Effect of a Minute Enantiomeric Impurity of a Chiral Selector on the Enantioselectivity Factor. Angewandte Chemie - International Edition, 2010, 49, 7742-7744.	7.2	24
117	Unexpected enantioseparation of mandelic acids and their derivatives on 1,2,3â€triazoloâ€linked quinine tertâ€butyl carbamate anion exchangeâ€type chiral stationary phase. Journal of Separation Science, 2010, 33, 2590-2598.	1.3	24
118	Selectivity issues in targeted metabolomics: Separation of phosphorylated carbohydrate isomers by mixedâ€mode hydrophilic interaction/weak anion exchange chromatography. Journal of Separation Science, 2010, 33, 3273-3282.	1.3	76
119	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. Journal of Chromatography A, 2010, 1217, 1056-1062.	1.8	112
120	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. Journal of Chromatography A, 2010, 1217, 1033-1040.	1.8	19
121	Enantiomer separation of imidazoâ€quinazolineâ€dione derivatives on quinine carbamateâ€based chiral stationary phase in normal phase mode. Chirality, 2009, 21, 199-207.	1.3	17
122	Antigenicity of heat-treated and trypsin-digested milk samples studied by an optical immunochip biosensor. Monatshefte FÃ¼r Chemie, 2009, 140, 921-929.	0.9	4
123	Separation of Cinchona alkaloids on a novel strong cation-exchange-type chiral stationary phaseâ€”comparison with commercially available strong cation exchanger and reversed-phase packing materials. Analytical and Bioanalytical Chemistry, 2009, 393, 1257-1265.	1.9	28
124	Stationary phase-related investigations of quinine-based zwitterionic chiral stationary phases operated in anion-, cation-, and zwitterion-exchange modes. Journal of Chromatography A, 2009, 1216, 1147-1156.	1.8	66
125	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. Tetrahedron: Asymmetry, 2009, 20, 1027-1035.	1.8	11
126	Adsorption behaviour of a quinidine carbamate-based chiral stationary phase: Role of the additive. Journal of Chromatography A, 2009, 1216, 3480-3487.	1.8	26

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127	Investigations of mobile phase contributions to enantioselective anion- and zwitterion-exchange modes on quinine-based zwitterionic chiral stationary phases. Journal of Chromatography A, 2009, 1216, 1157-1166.	1.8	67
128	Contributions to chromatographic chiral recognition of permethrinic acid stereoisomers by a quinine carbamate chiral selector: evidence from X-ray diffraction, DFT computations, 1H NMR, and thermodynamic studies. Tetrahedron: Asymmetry, 2008, 19, 97-110.	1.8	29
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