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	Separation of enantiomers: needs, challenges, perspectives. Journal of Chromatography A, 2001, 906, 3-33.	1.8	927
2	Quinine and quinidine derivatives as chiral selectors I. Brush type chiral stationary phases for high-performance liquid chromatography based on cinchonan carbamates and their application as chiral anion exchangers. Journal of Chromatography A, 1996, 741, 33-48.	1.8	312
3	Selectivity in analytical chemistry (IUPAC Recommendations 2001). Pure and Applied Chemistry, 2001, 73, 1381-1386.	0.9	212
4	Synergistic Effects on Enantioselectivity of Zwitterionic Chiral Stationary Phases for Separations of Chiral Acids, Bases, and Amino Acids by HPLC. Analytical Chemistry, 2008, 80, 8780-8789.	3.2	180
5	Chiral Monolithic Columns for Enantioselective Capillary Electrochromatography Prepared by Copolymerization of a Monomer with Quinidine Functionality. 1. Optimization of Polymerization Conditions, Porous Properties, and Chemistry of the Stationary Phase. Analytical Chemistry, 2000, 72, 4614-4622.	3.2	167
6	Quinine- versus carbamoylated quinine-based chiral anion exchangers. Journal of Chromatography A, 1999, 858, 1-11.	1.8	159
7	Enantioselective anion exchangers based on cinchona alkaloid-derived carbamates: Influence of C8/C9 stereochemistry on chiral recognition. , 1999, 11, 522-528.		155
8	Mixedâ€mode ionâ€exchangers and their comparative chromatographic characterization in reversedâ€phase and hydrophilic interaction chromatography elution modes. Journal of Separation Science, 2008, 31, 2572-2588.	1.3	148
9	Chiral Monolithic Columns for Enantioselective Capillary Electrochromatography Prepared by Copolymerization of a Monomer with Quinidine Functionality. 2. Effect of Chromatographic Conditions on the Chiral Separations. Analytical Chemistry, 2000, 72, 4623-4628.	3.2	126
10	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
11	Alternative high-performance liquid chromatographic peptide separation and purification concept using a new mixed-mode reversed-phase/weak anion-exchange type stationary phase. Journal of Chromatography A, 2005, 1089, 158-169.	1.8	108
12	Comprehensive analysis of branched aliphatic d-amino acids in mammals using an integrated multi-loop two-dimensional column-switching high-performance liquid chromatographic system combining reversed-phase and enantioselective columns. Journal of Chromatography A, 2007, 1143, 105-111.	1.8	97
13	Validated Method for the Determination of the Ethanol Consumption Markers Ethyl Glucuronide, Ethyl Phosphate, and Ethyl Sulfate in Human Urine by Reversed-Phase/Weak Anion Exchange Liquid Chromatographyâ^'Tandem Mass Spectrometry. Analytical Chemistry, 2006, 78, 5884-5892.	3.2	90
14	Novel strong cation-exchange type chiral stationary phase for the enantiomer separation of chiral amines by high-performance liquid chromatography. Journal of Chromatography A, 2007, 1161, 242-251.	1.8	87
15	Retention pattern profiling of fungal metabolites on mixed-mode reversed-phase/weak anion exchange stationary phases in comparison to reversed-phase and weak anion exchange separation materials by liquid chromatographyâ€"electrospray ionisation-tandem mass spectrometry. Journal of Chromatography A, 2008, 1191, 171-181.	1.8	85
16	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
17	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
18	Tin Dioxide Microspheres as a Promising Material for Phosphopeptide Enrichment Prior to Liquid Chromatographyâ€(Tandem) Mass Spectrometry Analysis. Advanced Functional Materials, 2008, 18, 2381-2389.	7.8	68

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19	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
20	Direct High-Performance Liquid Chromatographic Separation of Peptide Enantiomers:Â Study on Chiral Recognition by Systematic Evaluation of the Influence of Structural Features of the Chiral Selectors on Enantioselectivity. Analytical Chemistry, 2002, 74, 5658-5666.	3.2	66
21	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
22	Characterization of a Chiral Stationary Phase by HR/MAS NMR Spectroscopy and Investigation of Enantioselective Interaction with Chiral Ligates by Transferred NOE. Journal of the American Chemical Society, 2004, 126, 3809-3816.	6.6	65
23	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
24	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
25	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
26	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
27	Enantiomeric separation of N-protected amino acids by non-aqueous capillary electrophoresis using quinine orTert-butyl carbamoylated quinine as chiral additive. , 1999, 11, 622-630.		58
28	Stereoselective features of (R)- and (S)-atenolol: Clinical pharmacological, pharmacokinetic, and radioligand binding studies. Chirality, 1993, 5, 15-19.	1.3	55
29	Chiral Recognition of Peptide Enantiomers by Cinchona Alkaloid Derived Chiral Selectors:Â Mechanistic Investigations by Liquid Chromatography, NMR Spectroscopy, and Molecular Modeling. Journal of Organic Chemistry, 2003, 68, 8315-8327.	1.7	54
30	High-performance liquid chromatographic enantioseparation of N-protected ?-amino acids using nonporous silica modified by a quinine carbamate as chiral stationary phase. Chirality, 1997, 9, 157-161.	1.3	53
31	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
32	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
33	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
34	Mechanistic investigations of cinchona alkaloid-based zwitterionic chiral stationary phases. Journal of Chromatography A, 2012, 1269, 287-296.	1.8	50
35	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
36	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

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37	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
38	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
39	Monolithic stationary phases for enantioselective capillary electrochromatography. Journal of Separation Science, 2000, 12, 597-602.	1.0	44
40	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
41	Thermodynamics of Binding of (R)- and (S)-Dinitrobenzoyl Leucine to Cinchona Alkaloids and Their tert-Butylcarbamate Derivatives in Methanol:â€‰ Evaluation of Enantioselectivity by Spectroscopic (CD,) Tj ETQq1 1 0.784314 rgBT	1.2	42
42	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
43	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
44	Automated and simultaneous two-dimensional micro-high-performance liquid chromatographic determination of proline and hydroxyproline enantiomers in mammals. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 174-179.	1.2	41
45	Development of stereoselective nonaqueous capillary electrophoresis system for the resolution of cationic and amphoteric analytes. Electrophoresis, 2001, 22, 3297-3307.	1.3	40
46	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
47	Racemic (R,S)-propranolol versus half-dosed optically pure (S)-propranolol in humans at steady state: Hemodynamic effects, plasma concentrations, and influence on thyroid hormone levels. Clinical Pharmacology and Therapeutics, 1992, 51, 445-453.	2.3	39
48	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
49	Synthetic Peptide Antisera: Their Production and Use in the Cloning of Matrix Proteins. Connective Tissue Research, 1989, 21, 43-50.	1.1	38
50	Quinine carbamate chiral stationary phases: Systematic optimization of steric selector-selectand binding increments and enantioselectivity by quantitative structure-enantioselectivity relationship studies. Journal of Separation Science, 2006, 29, 1486-1496.	1.3	38
51	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
52	Enantiodiscrimination by a quinine-based chiral stationary phase: A computational study. , 2000, 12, 7-15.		35
53	On-column deracemization of an atropisomeric biphenyl by quinine-based stationary phase and determination of rotational energy barrier by enantioselective stopped-flow HPLC and CEC. Chirality, 2001, 13, 641-647.	1.3	35
54	Strong versus weak chiral cation exchangers: Comparative evaluation for enantiomer separation of chiral bases by non-aqueous CEC. Journal of Separation Science, 2002, 25, 1269-1283.	1.3	35

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55	Enantiomer separation of a powerful chiral auxiliary, 2-methoxy-2-(1-naphthyl)propionic acid by liquid chromatography using chiral anion exchanger-type stationary phases in polar-organic mode; investigation of molecular recognition aspects. Chirality, 2005, 17, S134-S142.	1.3	35
56	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
57	Estimation and comparison of Î¶-potentials of silica-based anion-exchange type porous particles for capillary electrochromatography from electrophoretic and electroosmotic mobility. Electrophoresis, 2003, 24, 390-398.	1.3	34
58	Structure-enantioselectivity relationships for the study of chiral recognition in peptide enantiomer separation on cinchona alkaloid-based chiral stationary phases by HPLC: Influence of the N-terminal protecting group. Journal of Separation Science, 2003, 26, 1499-1508.	1.3	34
59	HPLC enantiomer separation of a chiral 1,4-dihydropyridine monocarboxylic acid. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 259-266.	1.4	34
60	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
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	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
63	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
64	Enantioselective Determination of Extraterrestrial Amino Acids Using a Two-Dimensional Chiral High-Performance Liquid Chromatographic System. Chromatography, 2014, 35, 103-110.	0.8	32
65	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
66	Direct high-performance liquid chromatographic method for enantioselective and diastereoselective determination of selected pyrethroic acids. Journal of Chromatography A, 2004, 1035, 37-46.	1.8	31
67	Enantiomeric separation of N-protected amino acids by non-aqueous capillary electrophoresis with dimeric forms of quinine and quinidine derivatives serving as chiral selectors. Journal of Chromatography A, 2002, 948, 295-302.	1.8	30
68	High-performance liquid chromatographic enantiomer separation and determination of absolute configurations of phosphinic acid analogues of dipeptides and their Î±-aminophosphinic acid precursors. Tetrahedron: Asymmetry, 2003, 14, 2557-2565.	1.8	30
69	Enantioselective HPLC of potentially CNSâ€active acidic amino acids with a cinchona carbamate based chiral stationary phase. Chirality, 2008, 20, 571-576.	1.3	30
70	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
71	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
72	Stereoselective effects of (R)- and (S)-carvedilol in humans. Chirality, 2001, 13, 342-346.	1.3	29

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73	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
74	Individual stereoisomers of phosphinic dipeptide inhibitor of leucine aminopeptidase. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1550-1554.	1.0	28
75	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
76	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
77	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
78	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
79	Methods for the comprehensive structural elucidation of constitution and stereochemistry of lipopeptides. Journal of Chromatography A, 2016, 1428, 280-291.	1.8	28
80	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
81	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
82	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
83	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
84	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
85	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
86	Propafenone shows class Ic and class II antiarrhythmic effects. Europace, 2016, 18, 568-571.	0.7	27
87	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
88	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
89	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
90	Heterocyclic Analogues of Modafinil as Novel, Atypical Dopamine Transporter Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 9330-9348.	2.9	26

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91	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
92	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
93	Novel Pirkleâ€type quinine 3,5â€dinitrophenylcarbamate chiral stationary phase implementing click chemistry. Journal of Separation Science, 2011, 34, 2391-2396.	1.3	24
94	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
95	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
96	Stereoselective HPLC bioanalysis of atenolol enantiomers in plasma: Application to a comparative human pharmacokinetic study. Chirality, 1993, 5, 505-512.	1.3	23
97	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
98	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
99	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
100	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
101	Diphenylethanediamine (DPEDA) derivatives as chiral selectors: IV. A comparison of 3,5-dinitrobenzoylated (S,S)- and (S,R)-DPEDA-derived chiral stationary phases with Pirkle's standard (R)-phenylglycine-derived phase in normal phase HPLC. Chirality, 1994, 6, 116-128.	1.3	21
102	Evaluation of enantioselective nonaqueous ion-pair capillary electrophoresis as screening assay in the development of new ion exchange type chiral stationary phases. Journal of Separation Science, 2001, 24, 706-716.	1.3	21
103	Inâ€line coupling of a reversedâ€phase column to cope with limited chemoselectivity of a quinine carbamateâ€based anionâ€exchange type chiral stationary phase. Journal of Separation Science, 2008, 31, 1702-1711.	1.3	21
104	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
105	Direct High-Performance Liquid Chromatographic Enantioseparation of Î²-Methyl-Substituted Unusual Amino Acids on a Quinine-Derived Chiral Anion-Exchange Stationary Phase. Journal of High Resolution Chromatography, 2000, 23, 628-636.	2.0	20
106	Studies of enantiomerization of chiral 3,4-dihydro-1,2,4-benzothiadiazine 1,1-dioxide type compounds. Chirality, 2001, 13, 94-101.	1.3	20
107	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
108	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

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109	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
110	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
111	Comparative molecular field analysis of quinine derivatives used as chiral selectors in liquid chromatography: 3D QSAR for the purposes of molecular design of chiral stationary phases. Chirality, 2000, 12, 742-750.	1.3	19
112	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
113	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
114	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
115	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
116	THE EFFECT OF _Dâ€•VERSUS _Lâ€•PROPRANOLOL IN THE TREATMENT OF HYPERTHYROIDISM. Clinical Endocrinology, 1990, 32, 363-372.	1.2	18
117	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
118	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
119	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
120	Quantification of midodrine and its active metabolite in plasma using a high performance liquid chromatography column switching technique. Biomedical Chromatography, 1989, 3, 153-156.	0.8	17
121	Direct high-performance liquid chromatographic enantioseparation of Î±-substituted proline analogues on a quinine-derived chiral anion-exchanger stationary phase. Journal of Separation Science, 2003, 26, 1125-1132.	1.3	17
122	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
123	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
124	Reaction monitoring of platinum(II) complex-5â€²-guanosine monophosphate adduct formation by ion exchange liquid chromatography/electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2001, 36, 742-753.	0.7	16
125	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
126	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

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127	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
128	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
129	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
130	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
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