

Wolfgang F Lindner

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197
papers

6,386
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37
h-index

70
g-index

203
ext. papers

6,864
ext. citations

4
avg, IF

5.78
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 197 | Separation of enantiomers: needs, challenges, perspectives. <i>Journal of Chromatography A</i> , 2001 , 906, 3-33 | 4.5 | 822 |
| 196 | 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. <i>Journal of Chromatography A</i> , 1996 , 741, 33-48 | 4.5 | 288 |
| 195 | Selectivity in analytical chemistry (IUPAC Recommendations 2001). <i>Pure and Applied Chemistry</i> , 2001 , 73, 1381-1386 | 2.1 | 164 |
| 194 | Synergistic effects on enantioselectivity of zwitterionic chiral stationary phases for separations of chiral acids, bases, and amino acids by HPLC. <i>Analytical Chemistry</i> , 2008 , 80, 8780-9 | 7.8 | 163 |
| 193 | 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. <i>Analytical Chemistry</i> , 2000 , 72, 4623-8 | 7.8 | 161 |
| 192 | Quinine versus carbamoylated quinine-based chiral anion exchangers. A comparison regarding enantioselectivity for N-protected amino acids and other chiral acids. <i>Journal of Chromatography A</i> , 1999 , 858, 1-11 | 4.5 | 154 |
| 191 | Mixed-mode ion-exchangers and their comparative chromatographic characterization in reversed-phase and hydrophilic interaction chromatography elution modes. <i>Journal of Separation Science</i> , 2008 , 31, 2572-88 | 3.4 | 144 |
| 190 | Enantioselective anion exchangers based on cinchona alkaloid-derived carbamates: influence of C8/C9 stereochemistry on chiral recognition. <i>Chirality</i> , 1999 , 11, 522-8 | 2.1 | 142 |
| 189 | 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. <i>Analytical Chemistry</i> , 2000 , 72, 4623-8 | 7.8 | 121 |
| 188 | Alternative high-performance liquid chromatographic peptide separation and purification concept using a new mixed-mode reversed-phase/weak anion-exchange type stationary phase. <i>Journal of Chromatography A</i> , 2005 , 1089, 158-69 | 4.5 | 100 |
| 187 | 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 |
| 186 | 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. <i>Journal of Chromatography A</i> , 2007 , 1143, 105-11 | 4.5 | 87 |
| 185 | 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 chromatography-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 5884-92 | 7.8 | 86 |
| 184 | Novel strong cation-exchange type chiral stationary phase for the enantiomer separation of chiral amines by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007 , 1161, 242-51 | 4.5 | 81 |
| 183 | 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 chromatography-electrospray ionisation-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1191, 171-81 | 4.5 | 81 |
| 182 | Tin Dioxide Microspheres as a Promising Material for Phosphopeptide Enrichment Prior to Liquid Chromatography-(Tandem) Mass Spectrometry Analysis. <i>Advanced Functional Materials</i> , 2008 , 18, 2381-2389 | 15.6 | 67 |
| 181 | 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 |

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| 180 | Investigations of mobile phase contributions to enantioselective anion- and zwitterion-exchange modes on quinine-based zwitterionic chiral stationary phases. <i>Journal of Chromatography A</i> , 2009 , 1216, 1157-66 | 4.5 | 65 |
| 179 | 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 |
| 178 | State-of-the-art enantioseparations of natural and unnatural amino acids by high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 81, 11-22 | 14.6 | 61 |
| 177 | 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 |
| 176 | Characterization of a chiral stationary phase by HR/MAS NMR spectroscopy and investigation of enantioselective interaction with chiral ligates by transferred NOE. <i>Journal of the American Chemical Society</i> , 2004 , 126, 3809-16 | 16.4 | 59 |
| 175 | Direct high-performance liquid chromatographic separation of peptide enantiomers: study on chiral recognition by systematic evaluation of the influence of structural features of the chiral selectors on enantioselectivity. <i>Analytical Chemistry</i> , 2002 , 74, 5658-66 | 7.8 | 59 |
| 174 | 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 |
| 173 | Chiral recognition of peptide enantiomers by cinchona alkaloid derived chiral selectors: mechanistic investigations by liquid chromatography, NMR spectroscopy, and molecular modeling. <i>Journal of Organic Chemistry</i> , 2003 , 68, 8315-27 | 4.2 | 51 |
| 172 | Enantiomeric separation of N-protected amino acids by non-aqueous capillary electrophoresis using quinine or tert-butyl carbamoylated quinine as chiral additive. <i>Chirality</i> , 1999 , 11, 622-30 | 2.1 | 51 |
| 171 | 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 |
| 170 | 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 |
| 169 | High-performance liquid chromatographic enantioseparation of N-protected amino acids using nonporous silica modified by a quinine carbamate as chiral stationary phase. <i>Chirality</i> , 1997 , 9, 157-161 | 2.1 | 49 |
| 168 | Stereoselective features of (R)- and (S)-atenolol: clinical pharmacological, pharmacokinetic, and radioligand binding studies. <i>Chirality</i> , 1993 , 5, 15-9 | 2.1 | 47 |
| 167 | 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 |
| 166 | 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 |
| 165 | Mechanistic investigations of cinchona alkaloid-based zwitterionic chiral stationary phases. <i>Journal of Chromatography A</i> , 2012 , 1269, 287-96 | 4.5 | 44 |
| 164 | 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 |
| 163 | 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 |

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| 162 | 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 |
| 161 | Monolithic stationary phases for enantioselective capillary electrochromatography. <i>Journal of Separation Science</i> , 2000 , 12, 597-602 | | 39 |
| 160 | Thermodynamics of Binding of (R)- and (S)-Dinitrobenzoyl Leucine to Cinchona Alkaloids and Their tert-Butylcarbamate Derivatives in Methanol: Evaluation of Enantioselectivity by Spectroscopic (CD, UV) and Microcalorimetric (ITC) Titrations. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 1670-1678 | 3.4 | 37 |
| 159 | Synthetic peptide antisera: their production and use in the cloning of matrix proteins. <i>Connective Tissue Research</i> , 1989 , 21, 43-8; discussion 49-50 | 3.3 | 37 |
| 158 | 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 |
| 157 | Automated and simultaneous two-dimensional micro-high-performance liquid chromatographic determination of proline and hydroxyproline enantiomers in mammals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 875, 174-9 | 3.2 | 36 |
| 156 | Development of stereoselective nonaqueous capillary electrophoresis system for the resolution of cationic and amphoteric analytes. <i>Electrophoresis</i> , 2001 , 22, 3297-307 | 3.6 | 36 |
| 155 | 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 |
| 154 | Quinine carbamate chiral stationary phases: systematic optimization of steric selector-selectand binding increments and enantioselectivity by quantitative structure-enantioselectivity relationship studies. <i>Journal of Separation Science</i> , 2006 , 29, 1486-96 | 3.4 | 34 |
| 153 | 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. <i>Clinical Pharmacology and Therapeutics</i> , 1992 , 51, 445-53 | 6.1 | 34 |
| 152 | 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 |
| 151 | Unusual temperature-induced retention behavior of constrained amino acid enantiomers on the zwitterionic chiral stationary phases ZWIX(+) and ZWIX(-). <i>Chirality</i> , 2014 , 26, 385-93 | 2.1 | 33 |
| 150 | Enantiodiscrimination by a quinine-based chiral stationary phase: a computational study. <i>Chirality</i> , 2000 , 12, 7-15 | 2.1 | 33 |
| 149 | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 164-173 | 3.5 | 33 |
| 148 | HPLC enantiomer separation of a chiral 1,4-dihydropyridine monocarboxylic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 259-66 | 3.5 | 32 |
| 147 | Strong versus weak chiral cation exchangers: Comparative evaluation for enantiomer separation of chiral bases by non-aqueous CEC. <i>Journal of Separation Science</i> , 2002 , 25, 1269-1283 | 3.4 | 32 |
| 146 | Estimation and comparison of zeta-potentials of silica-based anion-exchange type porous particles for capillary electrochromatography from electrophoretic and electroosmotic mobility. <i>Electrophoresis</i> , 2003 , 24, 390-8 | 3.6 | 32 |
| 145 | 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 |

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| 144 | 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 |
| 143 | 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. <i>Journal of Separation Science</i> , 2003 , 26, 1499-1508 | 3.4 | 31 |
| 142 | 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. <i>Chirality</i> , 2005 , 17 Suppl, S134-42 | 2.1 | 31 |
| 141 | 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 |
| 140 | Direct high-performance liquid chromatographic method for enantioselective and diastereoselective determination of selected pyrethroid acids. <i>Journal of Chromatography A</i> , 2004 , 1035, 37-46 | 4.5 | 30 |
| 139 | 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 |
| 138 | Enantioselective HPLC of potentially CNS-active acidic amino acids with a Cinchona carbamate based chiral stationary phase. <i>Chirality</i> , 2008 , 20, 571-6 | 2.1 | 29 |
| 137 | Imaging Peptide and Protein Chirality via Amino Acid Analysis by Chiral [Chiral Two-Dimensional Correlation Liquid Chromatography. <i>Analytical Chemistry</i> , 2018 , 90, 7963-7971 | 7.8 | 28 |
| 136 | Consequences of transition from liquid chromatography to supercritical fluid chromatography on the overall performance of a chiral zwitterionic ion-exchanger. <i>Journal of Chromatography A</i> , 2017 , 1517, 165-175 | 4.5 | 28 |
| 135 | Enantiomeric separation of N-protected amino acids by non-aqueous capillary electrophoresis with dimeric forms of quinine and quinidine derivatives serving as chiral selectors. <i>Journal of Chromatography A</i> , 2002 , 948, 295-302 | 4.5 | 28 |
| 134 | High-performance liquid chromatographic enantiomer separation and determination of absolute configurations of phosphinic acid analogues of dipeptides and their α -aminophosphinic acid precursors. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2557-2565 | | 28 |
| 133 | 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 |
| 132 | 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 |
| 131 | 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 |
| 130 | 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. <i>Chirality</i> , 2001 , 13, 641-7 | 2.1 | 27 |
| 129 | Chiral separation of new designer drugs (Cathinones) on chiral ion-exchange type stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 120, 306-15 | 3.5 | 26 |
| 128 | Enantioseparation of (2)-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 |
| 127 | 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 |

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| 126 | Contributions to chromatographic chiral recognition of permethrinic acid stereoisomers by a quinine carbamate chiral selector: evidence from X-ray diffraction, DFT computations, ¹ H NMR, and thermodynamic studies. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 97-110 | | 26 |
| 125 | Individual stereoisomers of phosphinic dipeptide inhibitor of leucine aminopeptidase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 1550-4 | 2.9 | 26 |
| 124 | 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. <i>Journal of Chromatography A</i> , 2016 , 1467, 312-317 | 4.5 | 25 |
| 123 | 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 |
| 122 | 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 |
| 121 | Effect of mobile phase composition on the liquid chromatographic enantioseparation of bulky monoterpene-based amino acids by applying chiral stationary phases based on Cinchona alkaloid. <i>Journal of Separation Science</i> , 2014 , 37, 1075-82 | 3.4 | 23 |
| 120 | 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 |
| 119 | Stereoselective effects of (R)- and (S)-carvedilol in humans. <i>Chirality</i> , 2001 , 13, 342-6 | 2.1 | 23 |
| 118 | Stereoselective HPLC bioanalysis of atenolol enantiomers in plasma: application to a comparative human pharmacokinetic study. <i>Chirality</i> , 1993 , 5, 505-12 | 2.1 | 23 |
| 117 | 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. <i>Journal of Chromatography A</i> , 2016 , 1436, 73-83 | 4.5 | 23 |
| 116 | Diastereo- and enantioseparation of a N(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 |
| 115 | Application of Cinchona alkaloid-based zwitterionic chiral stationary phases in supercritical fluid chromatography for the enantioseparation of N-protected proteinogenic amino acids. <i>Journal of Chromatography A</i> , 2015 , 1415, 134-45 | 4.5 | 22 |
| 114 | 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 |
| 113 | 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 |
| 112 | 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 |
| 111 | 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 |
| 110 | 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 |
| 109 | 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 |

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|-----|--|------|----|
| 108 | 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 |
| 107 | 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® standard (R)-phenylglycine-derived phase in normal phase HPLC. <i>Chirality</i> , 1994 , 6, 116-128 | 2.1 | 21 |
| 106 | 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. <i>Chromatography</i> , 2016 , 37, 15-22 | 1.2 | 21 |
| 105 | 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 |
| 104 | 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 |
| 103 | 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 |
| 102 | Direct high-performance liquid chromatographic enantioseparation of free D and L amino phosphonic acids employing cinchona-based chiral zwitterionic ion exchangers. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8027-38 | 4.4 | 20 |
| 101 | In-line coupling of a reversed-phase column to cope with limited chemoselectivity of a quinine carbamate-based anion-exchange type chiral stationary phase. <i>Journal of Separation Science</i> , 2008 , 31, 1702-11 | 3.4 | 20 |
| 100 | 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 |
| 99 | Evaluation of enantioselective nonaqueous ion-pair capillary electrophoresis as screening assay in the development of new ion exchange type chiral stationary phases. <i>Journal of Separation Science</i> , 2001 , 24, 706-716 | 3.4 | 19 |
| 98 | 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. <i>Chirality</i> , 2000 , 12, 742-50 | 2.1 | 19 |
| 97 | Methods for the comprehensive structural elucidation of constitution and stereochemistry of lipopeptides. <i>Journal of Chromatography A</i> , 2016 , 1428, 280-91 | 4.5 | 18 |
| 96 | 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 |
| 95 | 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 |
| 94 | 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 |
| 93 | Studies of enantiomerization of chiral 3,4-dihydro-1,2,4-benzothiadiazine 1,1-dioxide type compounds. <i>Chirality</i> , 2001 , 13, 94-101 | 2.1 | 18 |
| 92 | Propafenone shows class Ic and class II antiarrhythmic effects. <i>Europace</i> , 2016 , 18, 568-71 | 3.9 | 17 |
| 91 | 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 , 1599, 110-118 | 4.5 | 17 |

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| 90 | 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 |
| 89 | 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 |
| 88 | 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 |
| 87 | 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 |
| 86 | The effect of D- versus L-propranolol in the treatment of hyperthyroidism. <i>Clinical Endocrinology</i> , 1990 , 32, 363-72 | 3.4 | 17 |
| 85 | 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. <i>Journal of Chromatography A</i> , 2016 , 1467, 178-187 | 4.5 | 17 |
| 84 | High-performance liquid chromatographic enantioseparation of cyclic β -amino hydroxamic acids on zwitterionic chiral stationary phases based on Cinchona alkaloids. <i>Analytica Chimica Acta</i> , 2016 , 921, 84-94 | 6.6 | 17 |
| 83 | 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 |
| 82 | Comparison of the separation performances of cinchona alkaloid-based zwitterionic stationary phases in the enantioseparation of α - and β -amino acids. <i>Molecules</i> , 2014 , 20, 70-87 | 4.8 | 16 |
| 81 | 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 |
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