

MarÃ-a Luisa Marina Alegre

List of Publications by Year in descending order

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347
papers

8,960
citations

61857

43
h-index

110170

64
g-index

351
all docs

351
docs citations

351
times ranked

6824
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Composition and characterization of soyabean and related products. <i>Critical Reviews in Food Science and Nutrition</i> , 1997, 37, 361-391. | 5.4 | 192 |
| 2 | Chiral capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115807. | 5.8 | 147 |
| 3 | Vegetable foods: A cheap source of proteins and peptides with antihypertensive, antioxidant, and other less occurrence bioactivities. <i>Talanta</i> , 2013, 106, 328-349. | 2.9 | 143 |
| 4 | Recent advances on the use of cyclodextrins in the chiral analysis of drugs by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2016, 1467, 79-94. | 1.8 | 138 |
| 5 | Electrochromatography. <i>Critical Reviews in Analytical Chemistry</i> , 1996, 26, 261-304. | 1.8 | 115 |
| 6 | CE-TOF MS analysis of complex protein hydrolyzates from genetically modified soybeans – A tool for foodomics. <i>Electrophoresis</i> , 2010, 31, 1175-1183. | 1.3 | 109 |
| 7 | Water as green extraction solvent: Principles and reasons for its use. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 5, 31-36. | 3.2 | 103 |
| 8 | Plum (<i>Prunus Domestica</i> L.) by-product as a new and cheap source of bioactive peptides: Extraction method and peptides characterization. <i>Journal of Functional Foods</i> , 2014, 11, 428-437. | 1.6 | 100 |
| 9 | Traceability Markers to the Botanical Origin in Olive Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 28-38. | 2.4 | 97 |
| 10 | Strategies for the extraction and analysis of non-extractable polyphenols from plants. <i>Journal of Chromatography A</i> , 2017, 1514, 1-15. | 1.8 | 96 |
| 11 | Novel strategy for the revalorization of olive (<i>Olea europaea</i>) residues based on the extraction of bioactive peptides. <i>Food Chemistry</i> , 2015, 167, 272-280. | 4.2 | 92 |
| 12 | Chiral separation of agricultural fungicides. <i>Journal of Chromatography A</i> , 2011, 1218, 6561-6582. | 1.8 | 87 |
| 13 | Wine science in the metabolomics era. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 74, 1-20. | 5.8 | 86 |
| 14 | Analysis of Soyabean Proteins in Meat Products: A Review. <i>Critical Reviews in Food Science and Nutrition</i> , 2002, 42, 507-532. | 5.4 | 79 |
| 15 | Sustainable extraction of proteins and bioactive substances from pomegranate peel (<i>Punica granatum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 69 <i>Technologies</i> , 2020, 60, 102314. | 2.7 | 79 |
| 16 | Characteristics and enantiomeric analysis of chiral pyrethroids. <i>Journal of Chromatography A</i> , 2010, 1217, 968-989. | 1.8 | 77 |
| 17 | Identification of Marker Proteins for the Adulteration of Meat Products with Soybean Proteins by Multidimensional Liquid Chromatography~Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2006, 5, 2424-2430. | 1.8 | 76 |
| 18 | Enzyme-assisted extraction of bioactive non-extractable polyphenols from sweet cherry (<i>Prunus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 69 4.2 69 | 4.2 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Enantiomeric separation of organophosphorus pesticides by capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2005, 543, 77-83. | 2.6 | 68 |
| 20 | Recent advances in the analysis of antibiotics by capillary electrophoresis. <i>Electrophoresis</i> , 2006, 27, 266-282. | 1.3 | 67 |
| 21 | Isolation and Characterization of Peptides with Antihypertensive Activity in Foodstuffs. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 521-551. | 5.4 | 67 |
| 22 | About the role of enantioselective selector-selectand interactions and the mobilities of diastereomeric associates in enantiomer separations using CE. <i>Electrophoresis</i> , 2009, 30, 2803-2811. | 1.3 | 66 |
| 23 | Recent advances in the application of capillary electromigration methods for food analysis and Foodomics. <i>Electrophoresis</i> , 2018, 39, 136-159. | 1.3 | 65 |
| 24 | Spectrophotometric and conductimetric determination of the critical micellar concentration of sodium dodecyl sulfate and cetyltrimethylammonium bromide micellar systems modified by alcohols and salts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1997, 125, 221-224. | 2.3 | 64 |
| 25 | Perfusion chromatography: an emergent technique for the analysis of food proteins. <i>Journal of Chromatography A</i> , 2000, 880, 169-187. | 1.8 | 63 |
| 26 | Metabolomic fingerprinting of saffron by LC/MS: novel authenticity markers. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7197-7213. | 1.9 | 61 |
| 27 | Pressurized hot water extraction of bioactives. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 236-247. | 5.8 | 61 |
| 28 | The State of the Art of Ligand-Loaded Complexing Resins. Characteristics and Applications. <i>Critical Reviews in Analytical Chemistry</i> , 1994, 24, 327-361. | 1.8 | 59 |
| 29 | Enantioseparation by Capillary Electrophoresis Using Ionic Liquids as Chiral Selectors. <i>Critical Reviews in Analytical Chemistry</i> , 2018, 48, 429-446. | 1.8 | 59 |
| 30 | Evaluation of new cellulose-based chiral stationary phases Sepapak-2 and Sepapak-4 for the enantiomeric separation of pesticides by nano liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2012, 1234, 22-31. | 1.8 | 55 |
| 31 | Isolation and identification of antioxidant peptides from commercial soybean-based infant formulas. <i>Food Chemistry</i> , 2014, 148, 147-154. | 4.2 | 55 |
| 32 | Sensitive chiral analysis by CE: An update. <i>Electrophoresis</i> , 2008, 29, 237-251. | 1.3 | 54 |
| 33 | HPLC-Q-TOF-MS Identification of Antioxidant and Antihypertensive Peptides Recovered from Cherry (<i>Prunus cerasus</i> L.) Subproducts. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1514-1520. | 2.4 | 53 |
| 34 | Study of the biodegradation process of polychlorinated biphenyls in liquid medium and soil by a new isolated aerobic bacterium (<i>Janibacter</i> sp.). <i>Chemosphere</i> , 2003, 53, 609-618. | 4.2 | 52 |
| 35 | Enantiomeric separation of FMOCAmino acids by nanoLC and CEC using a new chiral stationary phase, cellulose tris(3-chloro-4-methylphenylcarbamate). <i>Electrophoresis</i> , 2011, 32, 2700-2707. | 1.3 | 51 |
| 36 | High performance liquid chromatography and capillary electrophoresis in the analysis of soybean proteins and peptides in foodstuffs. <i>Journal of Separation Science</i> , 2007, 30, 431-451. | 1.3 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Identification of peptides with antioxidant and antihypertensive capacities by RP-HPLC-Q-TOF-MS in dry fermented camel sausages inoculated with different starter cultures and ripening times. <i>Food Research International</i> , 2017, 100, 708-716. | 2.9 | 49 |
| 38 | Determination of l- and d-carnitine in dietary food supplements using capillary electrophoresis-tandem mass spectrometry. <i>Food Chemistry</i> , 2010, 120, 921-928. | 4.2 | 48 |
| 39 | Sensitive chiral analysis by capillary electrophoresis. <i>Electrophoresis</i> , 2006, 27, 195-212. | 1.3 | 47 |
| 40 | Recent approaches in sensitive enantioseparations by CE. <i>Electrophoresis</i> , 2012, 33, 228-242. | 1.3 | 47 |
| 41 | Spectrophotometric determination of copper(II), nickel(II) and cobalt(II) as complexes with sodium diethyldithiocarbamate in cationic micellar medium of hexadecyltrimethylammonium salts. <i>Talanta</i> , 1994, 41, 179-185. | 2.9 | 46 |
| 42 | Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative CE and NMR studies. <i>Electrophoresis</i> , 2012, 33, 1637-1647. | 1.3 | 46 |
| 43 | Amino acid chiral ionic liquids combined with hydroxypropyl- β -cyclodextrin for drug enantioseparation by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2019, 1607, 460375. | 1.8 | 46 |
| 44 | Chiral Discrimination of DL-Amino Acids by Trapped Ion Mobility Spectrometry after Derivatization with (+)-1-(9-Fluorenyl)ethyl Chloroformate. <i>Analytical Chemistry</i> , 2019, 91, 3277-3285. | 3.2 | 46 |
| 45 | Organochlorine and heavy metal residues in the water/sediment system of the Southeast Regional Park in Madrid, Spain. <i>Chemosphere</i> , 2000, 41, 801-812. | 4.2 | 44 |
| 46 | Development of a CE-MS ² method for the enantiomeric separation of L-/D-carnitine: Application to the analysis of infant formulas. <i>Electrophoresis</i> , 2009, 30, 337-348. | 1.3 | 44 |
| 47 | Enantiomeric separation of chiral polycyclic musks by capillary electrophoresis: Application to the analysis of cosmetic samples. <i>Journal of Chromatography A</i> , 2010, 1217, 1157-1165. | 1.8 | 44 |
| 48 | Correlation between the logarithm of capacity factors for aromatic compounds in micellar electrokinetic chromatography and their octanol-water partition coefficients. <i>Journal of Chromatography A</i> , 1996, 742, 251-256. | 1.8 | 43 |
| 49 | CE-MS of zein proteins from conventional and transgenic maize. <i>Electrophoresis</i> , 2007, 28, 4192-4201. | 1.3 | 43 |
| 50 | Revalorization of a peach (<i>Prunus persica</i> (L.) Batsch) byproduct: Extraction and characterization of ACE-inhibitory peptides from peach stones. <i>Journal of Functional Foods</i> , 2015, 18, 137-146. | 1.6 | 43 |
| 51 | Separation of chiral polychlorinated biphenyls by micellar electrokinetic chromatography using β - and β -cyclodextrin mixtures in the separation buffer. <i>Journal of Chromatography A</i> , 1996, 752, 265-270. | 1.8 | 42 |
| 52 | Detection of bovine whey proteins by on-column derivatization capillary electrophoresis with laser-induced fluorescence monitoring. <i>Journal of Chromatography A</i> , 1999, 841, 105-114. | 1.8 | 42 |
| 53 | Determination of iron and molybdenum in a dietetic preparation by flame AAS after dry ashing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 25, 103-108. | 1.4 | 42 |
| 54 | Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative CE, NMR and high resolution MS studies. <i>Electrophoresis</i> , 2011, 32, 2640-2647. | 1.3 | 42 |

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|----|--|-----|-----------|
| 55 | Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2012, 33, 127-146. | 1.3 | 42 |
| 56 | In-depth proteomic analysis of banana (<i>Musa</i> spp.) fruit with combinatorial peptide ligand libraries. <i>Electrophoresis</i> , 2013, 34, 207-214. | 1.3 | 42 |
| 57 | Potential of vancomycin for the enantiomeric resolution of Fmoc-amino acids by capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 1244-1250. | 1.3 | 41 |
| 58 | Development of an in-capillary derivatization method by CE for the determination of chiral amino acids in dietary supplements and wines. <i>Electrophoresis</i> , 2009, 30, 696-704. | 1.3 | 39 |
| 59 | Ordered mesoporous silica functionalized with β -cyclodextrin derivative for stereoisomer separation of flavanones and flavanone glycosides by nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017, 1490, 166-176. | 1.8 | 39 |
| 60 | Effect of the combined use of β -cyclodextrin and a chiral ionic liquid on the enantiomeric separation of homocysteine by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2018, 1568, 222-228. | 1.8 | 39 |
| 61 | Revalorization of <i>Passiflora</i> species peels as a sustainable source of antioxidant phenolic compounds. <i>Science of the Total Environment</i> , 2019, 696, 134030. | 3.9 | 39 |
| 62 | Laser-induced fluorescence detection at 266 nm in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001, 907, 291-299. | 1.8 | 38 |
| 63 | Simple and Inexpensive Method for the Reliable Determination of Additions of Soybean Proteins in Heat-Processed Meat Products: An Alternative to the AOAC Official Method. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 220-226. | 2.4 | 38 |
| 64 | Enantioselective separation ofazole compounds by EKC. Reversal of migration order of enantiomers with CD concentration. <i>Electrophoresis</i> , 2007, 28, 2667-2674. | 1.3 | 38 |
| 65 | Application of micro- and nano-HPLC to the determination and characterization of bioactive and biomarker peptides. <i>Journal of Separation Science</i> , 2008, 31, 446-458. | 1.3 | 38 |
| 66 | Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2008, 29, 274-293. | 1.3 | 37 |
| 67 | Sensitive determination of d-carnitine as enantiomeric impurity of levo-carnitine in pharmaceutical formulations by capillary electrophoresis-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1217-1223. | 1.4 | 37 |
| 68 | Identification of avocado (<i>Persea americana</i>) pulp proteins by nano-LC-MS/MS via combinatorial peptide ligand libraries. <i>Electrophoresis</i> , 2012, 33, 2799-2805. | 1.3 | 37 |
| 69 | Enantiomeric Separation of Free L- and D-Amino Acids in Hydrolyzed Protein Fertilizers by Capillary Electrophoresis Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5022-5030. | 2.4 | 37 |
| 70 | Identification by hydrophilic interaction and reversed-phase liquid chromatography-tandem mass spectrometry of peptides with antioxidant capacity in food residues. <i>Journal of Chromatography A</i> , 2016, 1428, 185-192. | 1.8 | 37 |
| 71 | Influence of mobile phase composition on electroosmotic flow velocity, solute retention and column efficiency in open-tubular reversed-phase capillary electrochromatography. <i>Journal of Chromatography A</i> , 2000, 869, 329-337. | 1.8 | 36 |
| 72 | Determination of soybean proteins in commercial heat-processed meat products prepared with chicken, beef or complex mixtures of meats from different species. <i>Food Chemistry</i> , 2007, 100, 468-476. | 4.2 | 36 |

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|----|--|-----|-----------|
| 73 | A capillary electrophoresis-tandem mass spectrometry methodology for the determination of non-protein amino acids in vegetable oils as novel markers for the detection of adulterations in olive oils. <i>Journal of Chromatography A</i> , 2011, 1218, 4944-4951. | 1.8 | 36 |
| 74 | Capillary electrophoresis determination of non-protein amino acids as quality markers in foods. <i>Journal of Chromatography A</i> , 2016, 1428, 97-114. | 1.8 | 36 |
| 75 | One-pot synthesized functionalized mesoporous silica as a reversed-phase sorbent for solid-phase extraction of endocrine disrupting compounds in milks. <i>Journal of Chromatography A</i> , 2016, 1428, 228-235. | 1.8 | 36 |
| 76 | Chemical characterization of commercial soybean products. <i>Food Chemistry</i> , 1998, 62, 325-331. | 4.2 | 35 |
| 77 | Rapid enantiomeric separation of polychlorinated biphenyls by electrokinetic chromatography using mixtures of neutral and charged cyclodextrin derivatives. <i>Journal of Chromatography A</i> , 2001, 910, 157-164. | 1.8 | 35 |
| 78 | Time of flight versus ion trap MS coupled to CE to analyse intact proteins. <i>Journal of Separation Science</i> , 2008, 31, 1810-1818. | 1.3 | 35 |
| 79 | Determination and Characterization of Glycerophospholipids in Olive Fruit and Oil by Nonaqueous Capillary Electrophoresis with Electrospray-Mass Spectrometric Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1823-1832. | 2.4 | 35 |
| 80 | Enantioseparation of N-derivatized amino acids by micro-liquid chromatography using carbamoylated quinidine functionalized monolithic stationary phase. <i>Journal of Chromatography A</i> , 2014, 1363, 207-215. | 1.8 | 35 |
| 81 | Fractionation and identification of antioxidant and angiotensin-converting enzyme-inhibitory peptides obtained from plum (<i>Prunus domestica</i> L.) stones. <i>Journal of Functional Foods</i> , 2015, 19, 376-384. | 1.6 | 35 |
| 82 | Analysis of antibiotics by CE and their use as chiral selectors: An update. <i>Electrophoresis</i> , 2016, 37, 189-211. | 1.3 | 35 |
| 83 | Detection of saffron adulteration with gardenia extracts through the determination of geniposide by liquid chromatography-mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2017, 55, 30-37. | 1.9 | 35 |
| 84 | Determination of the micelle-solute association constants of some benzene and naphthalene derivatives by micellar high performance liquid chromatograph. <i>Chromatographia</i> , 1989, 28, 379-384. | 0.7 | 34 |
| 85 | Spectrophotometric determination of copper(II), nickel(II), and cobalt(II) as complexes with sodium diethyldithiocarbamate in the anionic micellar media of dodecylsulfate salts. <i>Analyst</i> , 1995, 120, 255. | 1.7 | 34 |
| 86 | Apricot and other seed stones: amygdalin content and the potential to obtain antioxidant, angiotensin I converting enzyme inhibitor and hypocholesterolemic peptides. <i>Food and Function</i> , 2016, 7, 4693-4701. | 2.1 | 34 |
| 87 | Multiple protective effect of peptides released from <i>Olea europaea</i> and <i>Prunus persica</i> seeds against oxidative damage and cancer cell proliferation. <i>Food Research International</i> , 2018, 106, 458-467. | 2.9 | 34 |
| 88 | Comparison of the models describing the retention in micellar liquid chromatography with hybrid eluents for a group of benzene derivatives and polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 1994, 675, 1-11. | 1.8 | 33 |
| 89 | Chiral separation of polychlorinated biphenyls by micellar electrokinetic chromatography with β -cyclodextrin as modifier in the separation buffer. <i>Chromatographia</i> , 1996, 42, 269-272. | 0.7 | 33 |
| 90 | Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2010, 31, 229-250. | 1.3 | 33 |

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|-----|--|-----|-----------|
| 91 | Identification of olive (<i>Olea europaea</i>) seed and pulp proteins by nLC-MS/MS via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2012, 75, 2396-2403. | 1.2 | 33 |
| 92 | Rapid separation of soybean globulins by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 758, 75-83. | 1.8 | 32 |
| 93 | Retention modeling in micellar liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 780, 149-163. | 1.8 | 32 |
| 94 | Enantiomeric separation of chiral phenoxy acid herbicides by electrokinetic chromatography. Application to the determination of analyte-selector apparent binding constants for enantiomers. <i>Electrophoresis</i> , 2001, 22, 3216-3225. | 1.3 | 32 |
| 95 | Enantioseparation of the constituents involved in the phenylalanine-tyrosine metabolic pathway by capillary electrophoresis tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1467, 372-382. | 1.8 | 32 |
| 96 | Cationic amine-bridged periodic mesoporous organosilica materials for off-line solid-phase extraction of phenoxy acid herbicides from water samples prior to their simultaneous enantiomeric determination by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2018, 1566, 146-157. | 1.8 | 32 |
| 97 | Determination of solute-micelle association constants for a group of benzene derivatives and polycyclic aromatic hydrocarbons with sodium dodecyl sulphate by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1996, 732, 345-359. | 1.8 | 31 |
| 98 | Optimization of the separation of a group of antifungals by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2001, 917, 337-345. | 1.8 | 31 |
| 99 | Development of a CE-ESI-TMS method for the enantiomeric determination of the non-protein amino acid ornithine. <i>Electrophoresis</i> , 2009, 30, 1724-1733. | 1.3 | 31 |
| 100 | Recent advances in CE analysis of antibiotics and its use as chiral selectors. <i>Electrophoresis</i> , 2014, 35, 28-49. | 1.3 | 31 |
| 101 | Identification of native angiotensin-I converting enzyme inhibitory peptides in commercial soybean based infant formulas using HPLC-Q-ToF-MS. <i>Food Chemistry</i> , 2014, 157, 62-69. | 4.2 | 31 |
| 102 | Enantioselective analysis of proteinogenic amino acids in cerebrospinal fluid by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2016, 37, 2410-2419. | 1.3 | 31 |
| 103 | Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. <i>Journal of Chromatography A</i> , 2019, 1608, 460407. | 1.8 | 31 |
| 104 | Separation of etodolac enantiomers by capillary electrophoresis. Validation and application of the chiral method to the analysis of commercial formulations. <i>Electrophoresis</i> , 2005, 26, 1106-1113. | 1.3 | 30 |
| 105 | Enantiomeric separation of ketoconazole and terconazole antifungals by electrokinetic chromatography: Rapid quantitative analysis of ketoconazole in pharmaceutical formulations. <i>Electrophoresis</i> , 2005, 26, 3960-3968. | 1.3 | 30 |
| 106 | High-performance liquid chromatography and capillary electrophoresis for the analysis of maize proteins. <i>Journal of Separation Science</i> , 2006, 29, 197-210. | 1.3 | 30 |
| 107 | Improving the sensitivity in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 19-34. | 1.3 | 30 |
| 108 | In vitro antitumor and hypotensive activity of peptides from olive seeds. <i>Journal of Functional Foods</i> , 2018, 42, 177-184. | 1.6 | 30 |

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|-----|--|-----|-----------|
| 109 | New approaches in sensitive chiral <sc>CE</sc>. Electrophoresis, 2014, 35, 12-27. | 1.3 | 29 |
| 110 | Development of chiral methodologies by capillary electrophoresis with ultraviolet and mass spectrometry detection for duloxetine analysis in pharmaceutical formulations. Journal of Chromatography A, 2014, 1363, 356-362. | 1.8 | 29 |
| 111 | Enantiomeric Determination of Drugs in Pharmaceutical Formulations and Biological Samples by Electrokinetic Chromatography. Critical Reviews in Analytical Chemistry, 2020, 50, 554-584. | 1.8 | 29 |
| 112 | A Perfusion Reversed-Phase Chromatographic Method for Ultrarapid Determination of Soybean Proteins in Soybean Infant Formulas and Soybean Milks: Method Development and Validation. Journal of Chromatographic Science, 1998, 36, 527-534. | 0.7 | 28 |
| 113 | Recent approaches for enhancing sensitivity in enantioseparations by CE. Electrophoresis, 2010, 31, 28-43. | 1.3 | 28 |
| 114 | Chiral separation of metalaxyl and benalaxyl fungicides by electrokinetic chromatography and determination of enantiomeric impurities. Journal of Chromatography A, 2011, 1218, 4877-4885. | 1.8 | 28 |
| 115 | Isolation and identification by high resolution liquid chromatography tandem mass spectrometry of novel peptides with multifunctional lipid-lowering capacity. Food Research International, 2018, 111, 77-86. | 2.9 | 28 |
| 116 | Use of choline chloride-D-sorbitol deep eutectic solvent as additive in cyclodextrin-electrokinetic chromatography for the enantiomeric separation of lacosamide. Microchemical Journal, 2021, 160, 105669. | 2.3 | 28 |
| 117 | Simultaneous Separation of Soya Bean and Animal Whey Proteins by Reversed-Phase High-Performance Liquid Chromatography. Quantitative Analysis in Edible Samples. Analytical Chemistry, 1997, 69, 2217-2220. | 3.2 | 27 |
| 118 | Chiral separation of polychlorinated biphenyls by micellar electrokinetic chromatography with sodium cholate. Electrophoresis, 1998, 19, 2113-2118. | 1.3 | 27 |
| 119 | A Reversed-Phase High-Performance Liquid Chromatographic Method for the Determination of Soya Bean Proteins in Bovine Milks. Analytical Chemistry, 2000, 72, 1814-1818. | 3.2 | 27 |
| 120 | A validated flame AAS method for determining magnesium in a multivitamin pharmaceutical preparation. Journal of Pharmaceutical and Biomedical Analysis, 2001, 25, 941-945. | 1.4 | 27 |
| 121 | Comparison of charged cyclodextrin derivatives for the chiral separation of atropisomeric polychlorinated biphenyls by capillary electrophoresis. Electrophoresis, 2003, 24, 2657-2664. | 1.3 | 27 |
| 122 | Analysis of olive allergens. Talanta, 2012, 92, 1-14. | 2.9 | 27 |
| 123 | Fast detection of added soybean proteins in cow's, goat's, and ewe's milk by perfusion reversed-phase high-performance liquid chromatography. Journal of Separation Science, 2001, 24, 856-864. | 1.3 | 26 |
| 124 | Reversed-phase high-performance liquid chromatography-electrospray mass spectrometry profiling of transgenic and non-transgenic maize for cultivar characterization. Journal of Chromatography A, 2009, 1216, 7222-7228. | 1.8 | 26 |
| 125 | Development of an ultra-high performance liquid chromatography analytical methodology for the profiling of olive (Olea europaea L.) pulp proteins. Analytica Chimica Acta, 2011, 690, 129-134. | 2.6 | 26 |
| 126 | Study of the k' or $\log k'$ - $\log p_{ow}$ correlation for a group of benzene derivatives and polycyclic aromatic hydrocarbons in micellar liquid chromatography with a C8 column. Journal of Chromatography A, 1994, 687, 233-239. | 1.8 | 25 |

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|-----|---|-----|-----------|
| 127 | Identification and quantitation of cis-ketoconazole impurity by capillary zone electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1114, 170-177. | 1.8 | 25 |
| 128 | Characterization and differentiation of diverse transgenic and nontransgenic soybean varieties from CE protein profiles. <i>Electrophoresis</i> , 2007, 28, 2314-2323. | 1.3 | 25 |
| 129 | Enantiomeric separation of bupropion enantiomers by electrokinetic chromatography: Quantitative analysis in pharmaceutical formulations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 260-265. | 1.2 | 25 |
| 130 | A novel method for the quality control of saffron through the simultaneous analysis of authenticity and adulteration markers by liquid chromatography-(quadrupole-time of flight)-mass spectrometry. <i>Food Chemistry</i> , 2017, 228, 403-410. | 4.2 | 25 |
| 131 | Analysis of antibiotics by CE and CEC and their use as chiral selectors: An update. <i>Electrophoresis</i> , 2018, 39, 235-259. | 1.3 | 25 |
| 132 | A non-targeted metabolomic approach based on reversed-phase liquid chromatography-mass spectrometry to evaluate coffee roasting process. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7859-7870. | 1.9 | 25 |
| 133 | Separation of enantiomers of deprenyl with various CDs in CE and the effect of enantiomer migration order on enantiomeric impurity determination of selegiline in active ingredients and tablets. <i>Electrophoresis</i> , 2007, 28, 388-394. | 1.3 | 24 |
| 134 | CE methods for the determination of non-protein amino acids in foods. <i>Electrophoresis</i> , 2007, 28, 4031-4045. | 1.3 | 24 |
| 135 | Enantiomeric separation of ornithine in complex mixtures of amino acids by EKC with off-line derivatization with 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 254-259. | 1.2 | 24 |
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