

Mara Luisa Marina Alegre

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5068646/maria-luisa-marina-alegre-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

342
papers

7,188
citations

39
h-index

58
g-index

350
ext. papers

8,057
ext. citations

4.7
avg, IF

6.46
L-index

#	Paper	IF	Citations
342	Rapid fingerprinting of extractable and non-extractable polyphenols from tropical fruit peels using direct analysis in real time coupled to orbitrap mass spectrometry. <i>Food Chemistry</i> , 2022 , 371, 131191	8.5	0
341	Synthesis and characterization of carnitine-based ionic liquids and their evaluation as additives in cyclodextrin-electrokinetic chromatography for the chiral separation of thiol amino acids.. <i>Journal of Chromatography A</i> , 2022 , 1670, 462955	4.5	0
340	In vitro assessment of the bioavailability of bioactive non-extractable polyphenols obtained by pressurized liquid extraction combined with enzymatic-assisted extraction from sweet cherry (<i>Prunus avium</i> L.) pomace.. <i>Food Chemistry</i> , 2022 , 385, 132688	8.5	2
339	Stereoselective separation of dimethenamid by cyclodextrin electrokinetic chromatography using deep eutectic solvents.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463114	4.5	0
338	Chiral Capillary Electrophoresis in Food Analysis. <i>Current and Future Developments in Food Science</i> , 2022 , 291-320	1	
337	Amino Acid Analysis by Capillary Electromigration Methods. <i>Current and Future Developments in Food Science</i> , 2022 , 147-173	1	
336	Glycosyl imprinted mesoporous microspheres for the determination of glycopeptide antibiotics using ultra-high performance liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021 , 1659, 462630	4.5	1
335	Single-step fabrication of a teicoplanin functionalized organic-silica hybrid monolith for enantioseparation by nano-liquid chromatography. <i>Journal of Chromatography Open</i> , 2021 , 1, 100008		
334	Comprehensive metabolomic study of the response of HK-2 cells to hyperglycemic hypoxic diabetic-like milieu. <i>Scientific Reports</i> , 2021 , 11, 5058	4.9	5
333	A Sustainable Approach for Extracting Non-Extractable Phenolic Compounds from Mangosteen Peel Using Ultrasound-Assisted Extraction and Natural Deep Eutectic Solvents. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5625	2.6	2
332	Enzyme-assisted extraction of bioactive non-extractable polyphenols from sweet cherry (<i>Prunus avium</i> L.) pomace. <i>Food Chemistry</i> , 2021 , 339, 128086	8.5	29
331	Use of choline chloride-D-sorbitol deep eutectic solvent as additive in cyclodextrin-electrokinetic chromatography for the enantiomeric separation of lacosamide. <i>Microchemical Journal</i> , 2021 , 160, 105669	4.8	11
330	Pressurized Hot Water Extraction of Bioactives 2021 , 771-785		1
329	Enantiomeric separation of panthenol by Capillary Electrophoresis. Analysis of commercial formulations and toxicity evaluation on non-target organisms. <i>Journal of Chromatography A</i> , 2021 , 1639, 461919	4.5	2
328	Enantiomeric separation of prothioconazole and prothioconazole-desthio by Capillary Electrophoresis. Degradation studies in environmental samples. <i>Journal of Chromatography A</i> , 2021 , 1651, 462255	4.5	2
327	A rapid electrokinetic chromatography method using short-end injection for the enantioselective separation of tryptophan. <i>Microchemical Journal</i> , 2021 , 168, 106508	4.8	1
326	Stereoselective separation of sulfoxaflor by electrokinetic chromatography and applications to stability and ecotoxicological studies. <i>Journal of Chromatography A</i> , 2021 , 1654, 462450	4.5	3

325	High-performance thin-layer chromatography and direct analysis in real time-high resolution mass spectrometry of non-extractable polyphenols from tropical fruit peels. <i>Food Research International</i> , 2021 , 147, 110455	7	3
324	Pressurized Liquid Extraction Combined with Enzymatic-Assisted Extraction to Obtain Bioactive Non-Extractable Polyphenols from Sweet Cherry (L.) Pomace. <i>Nutrients</i> , 2021 , 13,	6.7	1
323	Use of single and dual systems of βcyclodextrin or γcyclodextrin/L-Carnitine derived ionic liquid for the enantiomeric determination of cysteine by electrokinetic chromatography. A comparative study. <i>Microchemical Journal</i> , 2021 , 169, 106596	4.8	2
322	Effect of ionic liquids and deep eutectic solvents on the enantiomeric separation of clopidogrel by cyclodextrin-electrokinetic chromatography. Quantitative analysis in pharmaceutical formulations using tetrabutylammonium l-aspartic acid combined with carboxymethyl-βcyclodextrin. <i>Microchemical Journal</i> , 2021 , 171, 106815	4.8	1
321	Enantiomeric Separation of Colchicine and Lacosamide by Nano-LC. Quantitative Analysis in Pharmaceutical Formulations. <i>Separations</i> , 2020 , 7, 55	3.1	0
320	Isolation of proteins from spent coffee grounds. Polyphenol removal and peptide identification in the protein hydrolysates by RP-HPLC-ESI-Q-TOF. <i>Food Research International</i> , 2020 , 137, 109368	7	7
319	Enantiomeric determination of econazole and sulconazole by electrokinetic chromatography using hydroxypropyl-βcyclodextrin combined with ionic liquids based on L-lysine and L-glutamic acid. <i>Journal of Chromatography A</i> , 2020 , 1621, 461085	4.5	12
318	Enantiomeric separation of homocysteine and cysteine by electrokinetic chromatography using mixtures of βcyclodextrin and carnitine-based ionic liquids. <i>Microchemical Journal</i> , 2020 , 157, 105070	4.8	13
317	Recovery and determination of cholesterol-lowering compounds from Olea europaea seeds employing pressurized liquid extraction and gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2020 , 156, 104812	4.8	2
316	Chiral Micellar Electrokinetic Chromatography. <i>Journal of Chromatography A</i> , 2020 , 1626, 461383	4.5	10
315	Time-series proteomic study of the response of HK-2 cells to hyperglycemic, hypoxic diabetic-like milieu. <i>PLoS ONE</i> , 2020 , 15, e0235118	3.7	3
314	Sustainable extraction of proteins and bioactive substances from pomegranate peel (Punica granatum L.) using pressurized liquids and deep eutectic solvents. <i>Innovative Food Science and Emerging Technologies</i> , 2020 , 60, 102314	6.8	27
313	Untargeted HILIC-MS-Based Metabolomics Approach to Evaluate Coffee Roasting Process: Contributing to an Integrated Metabolomics Multiplatform. <i>Molecules</i> , 2020 , 25,	4.8	9
312	A Non-Targeted Capillary Electrophoresis-Mass Spectrometry Strategy to Study Metabolic Differences in an In vitro Model of High-Glucose Induced Changes in Human Proximal Tubular HK-2 Cells. <i>Molecules</i> , 2020 , 25,	4.8	7
311	Chiral capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 124, 115807	14.6	73
310	Feasibility of cationic carbosilane dendrimers for sustainable protein sample preparation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110746	6	3
309	Determination of l-norvaline and l-tryptophan in dietary supplements by nano-LC using an O-[2-(methacryloyloxy)-ethylcarbamoyl]-10,11-dihydroquinidine-silica hybrid monolithic column. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 70-77	14	5
308	Highly sensitive determination of amanita toxins in biological samples using βcyclodextrin collaborated molecularly imprinted polymers coupled with ultra-high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1630, 461514	4.5	6

307	Extraction and Characterization of Antioxidant Peptides from Fruit Residues. <i>Foods</i> , 2020 , 9,	4.9	4
306	Apricot 2020 , 43-65		1
305	Nanomaterials in Protein Sample Preparation. <i>Separation and Purification Reviews</i> , 2020 , 49, 229-264	7.3	6
304	Enantiomeric Determination of Drugs in Pharmaceutical Formulations and Biological Samples by Electrokinetic Chromatography. <i>Critical Reviews in Analytical Chemistry</i> , 2020 , 50, 554-584	5.2	14
303	Modeling-based optimization of the simultaneous enantiomeric separation of multicomponent mixtures of phenoxy acid herbicides using dual cyclodextrin systems by Capillary Electrophoresis. <i>Journal of Chromatography A</i> , 2020 , 1610, 460552	4.5	7
302	Revalorization of Passiflora species peels as a sustainable source of antioxidant phenolic compounds. <i>Science of the Total Environment</i> , 2019 , 696, 134030	10.2	26
301	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	7.8	25
300	Sheathless CE-MS based metabolic profiling of kidney tissue section samples from a mouse model of Polycystic Kidney Disease. <i>Scientific Reports</i> , 2019 , 9, 806	4.9	19
299	Preparation of an O-[2-(methacryloyloxy)-ethylcarbamoyl]-10,11-dihydroquinidine-silica hybrid monolithic column for the enantioseparation of amino acids by nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2019 , 1593, 63-72	4.5	7
298	High resolution liquid chromatography tandem mass spectrometry for the separation and identification of peptides in coffee silverskin protein hydrolysates. <i>Microchemical Journal</i> , 2019 , 149, 103951	4.8	5
297	A micellar electrokinetic chromatography approach using diastereomeric derivatization and a volatile surfactant for the enantioselective separation of selenomethionine. <i>Electrophoresis</i> , 2019 , 40, 1951-1958	3.6	6
296	Chiral Capillary Electrophoresis-Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019 , 1985, 391-405	1.4	4
295	Nuclear magnetic resonance to study the interactions acting in the enantiomeric separation of homocysteine by capillary electrophoresis with a dual system of β -cyclodextrin and the chiral ionic liquid EtCholNTf. <i>Electrophoresis</i> , 2019 , 40, 1913-1920	3.6	14
294	Enantiomer stability and combined toxicity of duloxetine and econazole on <i>Daphnia magna</i> using real concentrations determined by capillary electrophoresis. <i>Science of the Total Environment</i> , 2019 , 670, 770-778	10.2	11
293	An untargeted metabolomic strategy based on liquid chromatography-mass spectrometry to study high glucose-induced changes in HK-2 cells. <i>Journal of Chromatography A</i> , 2019 , 1596, 124-133	4.5	11
292	Separation and identification of peptides in hydrolysed protein extracts from edible macroalgae by HPLC-ESI-QTOF/MS. <i>Algal Research</i> , 2019 , 39, 101465	5	3
291	Advances in the Determination of Nonprotein Amino Acids in Foods and Biological Samples by Capillary Electrophoresis. <i>Critical Reviews in Analytical Chemistry</i> , 2019 , 49, 459-475	5.2	10
290	Stability and toxicity studies for duloxetine and econazole on <i>Spirodela polyrhiza</i> using chiral capillary electrophoresis. <i>Journal of Hazardous Materials</i> , 2019 , 374, 203-210	12.8	10

289	Pressurized hot water extraction of bioactives. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 116, 236-247	14.6	35
288	Extraction and identification by high resolution mass spectrometry of bioactive substances in different extracts obtained from pomegranate peel. <i>Journal of Chromatography A</i> , 2019 , 1594, 82-92	4.5	12
287	Chiral Analysis of Non-Protein Amino Acids by Capillary Electrophoresis. <i>Methods in Molecular Biology</i> , 2019 , 2030, 277-291	1.4	2
286	Capillary electrophoresis-mass spectrometry metabolic fingerprinting of green and roasted coffee. <i>Journal of Chromatography A</i> , 2019 , 1605, 360353	4.5	13
285	A sustainable approach for the extraction of cholesterol-lowering compounds from an olive by-product based on CO-expanded ethyl acetate. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 5885-5896	4.4	9
284	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	4.5	28
283	Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. <i>Journal of Chromatography A</i> , 2019 , 1608, 460407	4.5	17
282	Enantiomeric analysis of pyrethroids and organophosphorus insecticides. <i>Journal of Chromatography A</i> , 2019 , 1605, 360345	4.5	15
281	Gold nanoparticles coated with carbosilane dendrons in protein sample preparation. <i>Mikrochimica Acta</i> , 2019 , 186, 508	5.8	5
280	Phenolic compounds increase their concentration in <i>Carica papaya</i> leaves under drought stress. <i>Acta Physiologiae Plantarum</i> , 2019 , 41, 1	2.6	7
279	Pressure hot water processing of food and natural products 2019 , 193-220		1
278	Enantioseparation by Capillary Electrophoresis Using Ionic Liquids as Chiral Selectors. <i>Critical Reviews in Analytical Chemistry</i> , 2018 , 48, 429-446	5.2	40
277	Capillary liquid chromatography-ion trap-mass spectrometry methodology for the simultaneous quantification of four angiotensin-converting enzyme-inhibitory peptides in <i>Prunus</i> seed hydrolysates. <i>Journal of Chromatography A</i> , 2018 , 1540, 47-54	4.5	8
276	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	7	22
275	In vitro antitumor and hypotensive activity of peptides from olive seeds. <i>Journal of Functional Foods</i> , 2018 , 42, 177-184	5.1	18
274	Recent advances in the application of capillary electromigration methods for food analysis and Foodomics. <i>Electrophoresis</i> , 2018 , 39, 136-159	3.6	49
273	Analysis of antibiotics by CE and CEC and their use as chiral selectors: An update. <i>Electrophoresis</i> , 2018 , 39, 235-259	3.6	22
272	Neuroscience Applications of Capillary Electrophoretic Methods 2018 , 481-510		3

271 Capillary Electrophoresis: Chiral Separations **2018**, 334-334

- 270 Environmental chiral analysis of Eblockers: evaluation of different n-alkyl-modified SBA-15 mesoporous silicas as sorbents in solid-phase extraction. *Environmental Chemistry*, **2018**, 15, 362 3.2 5
- 269 A non-targeted metabolomic approach based on reversed-phase liquid chromatography-mass spectrometry to evaluate coffee roasting process. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 7859-7870¹⁵ 4.4
- 268 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 7 19
- 267 A facile and efficient single-step approach for the fabrication of vancomycin functionalized polymer-based monolith as chiral stationary phase for nano-liquid chromatography. *Journal of Chromatography A*, **2018**, 1557, 43-50 4.5 18
- 266 Effect of the combined use of β -cyclodextrin and a chiral ionic liquid on the enantiomeric separation of homocysteine by capillary electrophoresis. *Journal of Chromatography A*, **2018**, 1568, 222-228 4.5 27
- 265 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. *Journal of Chromatography A*, **2018**, 1566, 146-157 4.5 20
- 264 Periodic mesoporous organosilica materials as sorbents for solid-phase extraction of drugs prior to simultaneous enantiomeric separation by capillary electrophoresis. *Journal of Chromatography A*, **2018**, 1566, 135-145 4.5 16
- 263 Design of strategies to study the metabolic profile of highly polar compounds in plasma by reversed-phase liquid chromatography-high resolution mass spectrometry. *Journal of Chromatography A*, **2017**, 1490, 156-165 4.5 10
- 262 Enantiomeric separation of the antiuremic drug colchicine by electrokinetic chromatography. Method development and quantitative analysis. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 138, 189-196 3.5 19
- 261 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. *Food Chemistry*, **2017**, 228, 403-410 8.5 17
- 260 Ordered mesoporous silica functionalized with β -cyclodextrin derivative for stereoisomer separation of flavanones and flavanone glycosides by nano-liquid chromatography and capillary electrochromatography. *Journal of Chromatography A*, **2017**, 1490, 166-176 4.5 34
- 259 A capillary micellar electrokinetic chromatography method for the stereoselective quantitation of bioallethrin in biotic and abiotic samples. *Journal of Chromatography A*, **2017**, 1510, 108-116 4.5 7
- 258 Investigation on the combined effect of cocaine and ethanol administration through a liquid chromatography-mass spectrometry metabolomics approach. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 140, 313-321 3.5 6
- 257 Water as green extraction solvent: Principles and reasons for its use. *Current Opinion in Green and Sustainable Chemistry*, **2017**, 5, 31-36 7.9 56
- 256 Preconcentration of Eblockers using functionalized ordered mesoporous silica as sorbent for SPE and their determination in waters by chiral CE. *Electrophoresis*, **2017**, 38, 1905-1912 3.6 17
- 255 A cross-platform metabolomics workflow for volume-restricted tissue samples: application to an animal model for polycystic kidney disease. *Molecular BioSystems*, **2017**, 13, 1940-1945 2
- 254 Strategies for the extraction and analysis of non-extractable polyphenols from plants. *Journal of Chromatography A*, **2017**, 1514, 1-15 4.5 67

253	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	7	32
252	Synthesis of chiral carbosilane dendrimers with L-cysteine and N-acetyl-L-cysteine on their surface and their application as chiral selectors for enantiomer separation by capillary electrophoresis. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 1797-1802		9
251	Sulfonate-terminated carbosilane dendron-coated nanotubes: a greener point of view in protein sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 5337-5348	4.4	10
250	Factors affecting interactions between sulphonate-terminated dendrimers and proteins: A three case study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 149, 196-205	6	12
249	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	4.1	23
248	Recent Applications of Chiral Capillary Electrophoresis in Pharmaceutical Analysis 2017 , 71-115		
247	Separation of N-derivatized di- and tri-peptide stereoisomers by micro-liquid chromatography using a quinidine-based monolithic column - Analysis of L-carnosine in dietary supplements. <i>Journal of Chromatography A</i> , 2016 , 1428, 176-84	4.5	18
246	Identification of plum and peach seed proteins by nLC-MS/MS via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2016 , 148, 105-12	3.9	12
245	Chiral separation of a basic drug with two chiral centers by electrokinetic chromatography for its pharmaceutical development. <i>Journal of Chromatography A</i> , 2016 , 1467, 427-435	4.5	14
244	Proof of concept of a "greener" protein purification/enrichment method based on carboxylate-terminated carbosilane dendrimer-protein interactions. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7679-7687	4.4	8
243	Approaches for enantioselective resolution of pharmaceuticals by miniaturised separation techniques with new chiral phases based on nanoparticles and monoliths. <i>Electrophoresis</i> , 2016 , 37, 2538-2553 ¹⁵	3.6	15
242	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	6.1	22
241	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	4.5	25
240	Enantiomeric separation of non-protein amino acids by electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2016 , 1467, 409-416	4.5	14
239	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, 185-92	4.5	29
238	Capillary electrophoresis determination of non-protein amino acids as quality markers in foods. <i>Journal of Chromatography A</i> , 2016 , 1428, 97-114	4.5	33
237	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, 228-35	4.5	28
236	Novel Applications of Protein By-products in Biomedicine 2016 , 193-211		2

235	Improving the sensitivity in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2016 , 37, 19-34	3.6	27
234	Analysis of antibiotics by CE and their use as chiral selectors: An update. <i>Electrophoresis</i> , 2016 , 37, 189-216	3.6	28
233	Derivatization in Capillary Electrophoresis. <i>Methods in Molecular Biology</i> , 2016 , 1483, 37-52	1.4	6
232	Enantioselective analysis of proteinogenic amino acids in cerebrospinal fluid by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2016 , 37, 2410-9	3.6	27
231	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	4.5	115
230	Recent contributions of capillary electrophoresis to neuroscience. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 67, 82-99	14.6	19
229	Metabolomic fingerprinting of saffron by LC/MS: novel authenticity markers. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 7197-213	4.4	44
228	Evaluation of the potential of a quinidine-based monolithic column on the enantiomeric separation of herbicides by nano-liquid chromatography. <i>Microchemical Journal</i> , 2015 , 123, 15-21	4.8	13
227	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	5.1	27
226	Wine science in the metabolomics era. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 74, 1-20	14.6	59
225	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	5.1	33
224	Isolation and characterization of peptides with antihypertensive activity in foodstuffs. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 521-51	11.5	48
223	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, 272-80	8.5	79
222	A sarabande of tropical fruit proteomics: Avocado, banana, and mango. <i>Proteomics</i> , 2015 , 15, 1639-45	4.8	15
221	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, 1514-20	5.7	47
220	Isolation and identification of antioxidant peptides from commercial soybean-based infant formulas. <i>Food Chemistry</i> , 2014 , 148, 147-54	8.5	41
219	Investigation on the enantioseparation of duloxetine by capillary electrophoresis, NMR, and mass spectrometry. <i>Electrophoresis</i> , 2014 , 35, 2842-7	3.6	17
218	Off-line two dimensional isoelectrofocusing-liquid chromatography/mass spectrometry (time of flight) for the determination of the bioactive peptide lunasin. <i>Journal of Chromatography A</i> , 2014 , 1371, 117-24	4.5	10

217	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	5.1	80
216	New approaches in sensitive chiral CE. <i>Electrophoresis</i> , 2014 , 35, 12-27	3.6	28
215	Recent advances in CE analysis of antibiotics and its use as chiral selectors. <i>Electrophoresis</i> , 2014 , 35, 28-49	3.6	29
214	Evaluation of mesoporous silicas functionalized with C18 groups as stationary phases for the solid-phase extraction of steroid hormones in milk. <i>Electrophoresis</i> , 2014 , 35, 1666-76	3.6	22
213	Development of chiral methodologies by capillary electrophoresis with ultraviolet and mass spectrometry detection for duloxetine analysis in pharmaceutical formulations. <i>Journal of Chromatography A</i> , 2014 , 1363, 356-62	4.5	24
212	Analysis of glycerophospho- and sphingolipids by CE. <i>Electrophoresis</i> , 2014 , 35, 779-92	3.6	9
211	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, 62-9	8.5	26
210	Potential of vancomycin for the enantiomeric resolution of Fmoc-amino acids by capillary electrophoresis-ion-trap-mass spectrometry. <i>Electrophoresis</i> , 2014 , 35, 1244-50	3.6	34
209	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, 207-15	4.5	31
208	Proteins in olive fruit and oil. <i>Critical Reviews in Food Science and Nutrition</i> , 2014 , 54, 611-24	11.5	17
207	Characterization and study of transgenic cultivars by capillary and microchip electrophoresis. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 23851-77	6.3	17
206	Development of a capillary high performance liquid chromatography-ion trap-mass spectrometry method for the determination of VLIVP antihypertensive peptide in soybean crops. <i>Journal of Chromatography A</i> , 2014 , 1338, 85-91	4.5	12
205	Analytical approaches for the characterization and identification of olive (<i>Olea europaea</i>) oil proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 10384-91	5.7	6
204	In-depth proteomic analysis of banana (<i>Musa</i> spp.) fruit with combinatorial peptide ligand libraries. <i>Electrophoresis</i> , 2013 , 34, 207-14	3.6	36
203	Development of a high-performance liquid chromatography-electrospray ionization-quadrupole-time-of-flight-mass spectrometry methodology for the determination of three highly antihypertensive peptides in maize crops. <i>Journal of Chromatography A</i> , 2013 , 1285, 69-77	4.5	16
202	Vegetable foods: a cheap source of proteins and peptides with antihypertensive, antioxidant, and other less occurrence bioactivities. <i>Talanta</i> , 2013 , 106, 328-49	6.2	113
201	Separation of phthalates by cyclodextrin modified micellar electrokinetic chromatography: quantitation in perfumes. <i>Analytica Chimica Acta</i> , 2013 , 782, 67-74	6.6	16
200	Peanut allergens: an overview. <i>Critical Reviews in Food Science and Nutrition</i> , 2013 , 53, 722-37	11.5	9

199	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, 5022-30	5.7	34
198	Chiral capillary electrophoresis-mass spectrometry. <i>Methods in Molecular Biology</i> , 2013 , 970, 429-41	1.4	3
197	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, 1823-32	5.7	30
196	LC-ESI-TOF MS method for the evaluation of the immunostimulating activity of soybeans via the determination of the functional peptide soymetide. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 3611-8	5.7	9
195	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, 2396-403	3.9	32
194	Recent approaches in sensitive enantioseparations by CE. <i>Electrophoresis</i> , 2012 , 33, 228-42	3.6	45
193	Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2012 , 33, 127-46	3.6	37
192	Molecular characterization of phospholipids by high-performance liquid chromatography combined with an evaporative light scattering detector, high-performance liquid chromatography combined with mass spectrometry, and gas chromatography combined with a flame ionization detector in different oat varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 10963-9	5.7	16
191	Analysis of olive allergens. <i>Talanta</i> , 2012 , 92, 1-14	6.2	22
190	Separation of olive proteins by capillary gel electrophoresis. <i>Talanta</i> , 2012 , 97, 420-4	6.2	15
189	Determination of nonprotein amino acids and betaines in vegetable oils by flow injection triple-quadrupole tandem mass spectrometry: a screening method for the detection of adulterations of olive oils. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 896-903	5.7	7
188	Identification of avocado (<i>Persea americana</i>) pulp proteins by nano-LC-MS/MS via combinatorial peptide ligand libraries. <i>Electrophoresis</i> , 2012 , 33, 2799-805	3.6	33
187	Molecularly imprinted SPE and MEKC with in-capillary sample preconcentration for the determination of digoxin in human urine. <i>Electrophoresis</i> , 2012 , 33, 1582-8	3.6	9
186	Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE and NMR studies. <i>Electrophoresis</i> , 2012 , 33, 1637-47	3.6	39
185	Simultaneous enantioselective separation of polychlorinated biphenyls and their methyl sulfone metabolites by heart-cut MDGC: determination of enantiomeric fractions in fish oils and cow liver samples. <i>Chirality</i> , 2012 , 24, 577-83	2.1	8
184	Development of a reversed-phase high-performance liquid chromatography analytical methodology for the determination of antihypertensive peptides in maize crops. <i>Journal of Chromatography A</i> , 2012 , 1234, 64-71	4.5	14
183	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	4.5	48
182	Characterization of carboxylate-terminated carbosilane dendrimers and their evaluation as nanoadditives in capillary electrophoresis for vegetable protein profiling. <i>Journal of Chromatography A</i> , 2012 , 1234, 16-21	4.5	15

181	Chiral separation of agricultural fungicides. <i>Journal of Chromatography A</i> , 2011 , 1218, 6561-82	4.5	79
180	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, 4944-51	4.5	32
179	Enantiomeric separation of Fmoc-amino acids by nano-LC and CEC using a new chiral stationary phase, cellulose tris(3-chloro-4-methylphenylcarbamate). <i>Electrophoresis</i> , 2011 , 32, 2700-7	3.6	48
178	Determination of betaines in vegetable oils by capillary electrophoresis tandem mass spectrometry--application to the detection of olive oil adulteration with seed oils. <i>Electrophoresis</i> , 2011 , 32, 1394-401	3.6	22
177	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, 2640-7	3.6	35
176	Chiral separation of metalaxyl and benalaxyl fungicides by electrokinetic chromatography and determination of enantiomeric impurities. <i>Journal of Chromatography A</i> , 2011 , 1218, 4877-85	4.5	26
175	Identification of olive (<i>Olea europaea</i>) pulp proteins by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and nano-liquid chromatography tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 12093-101	5.7	13
174	Development of an ultra-high performance liquid chromatography analytical methodology for the profiling of olive (<i>Olea europaea</i> L.) pulp proteins. <i>Analytica Chimica Acta</i> , 2011 , 690, 129-34	6.6	23
173	Fast determination of the functional peptide soymetide in different soybean derived foods by capillary-high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2011 , 1218, 4928-33	4.5	13
172	Modification of Resolution in Capillary Electrophoresis for Protein Profiling in Identification of Genetic Modification in Foods. <i>Croatica Chemica Acta</i> , 2011 , 84, 375-382	0.8	8
171	Traceability markers to the botanical origin in olive oils. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 28-38	5.7	91
170	Determination of trigonelline in seeds and vegetable oils by capillary electrophoresis as a novel marker for the detection of adulterations in olive oils. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 7489-96	5.7	19
169	First ultraperformance liquid chromatography based strategy for profiling intact proteins in complex matrices: application to the evaluation of the performance of olive (<i>Olea europaea</i> L.) stone proteins for cultivar fingerprinting. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8176-82	5.7	19
168	Separation of olive proteins combining a simple extraction method and a selective capillary electrophoresis (CE) approach: application to raw and table olive samples. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 11808-13	5.7	8
167	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, 1217-23	3.5	36
166	Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2010 , 31, 229-50	3.6	31
165	Recent approaches for enhancing sensitivity in enantioseparations by CE. <i>Electrophoresis</i> , 2010 , 31, 28-43.6		27
164	CE-TOF MS analysis of complex protein hydrolyzates from genetically modified soybeans--a tool for foodomics. <i>Electrophoresis</i> , 2010 , 31, 1175-83	3.6	105

163	Separation of proteins from olive oil by CE: an approximation to the differentiation of monovarietal olive oils. <i>Electrophoresis</i> , 2010 , 31, 2218-25	3.6	18
162	Enantiomeric separation of cis-bifenthrin by CD-MEKC: quantitative analysis in a commercial insecticide formulation. <i>Electrophoresis</i> , 2010 , 31, 1533-9	3.6	17
161	Determination of l- and d-carnitine in dietary food supplements using capillary electrophoresis tandem mass spectrometry. <i>Food Chemistry</i> , 2010 , 120, 921-928	8.5	45
160	Improved methodology for the characterisation of transgenic Bt-11 maize cultivars using RP-HPLC profiles of albumin, globulin, prolamin, and glutelin protein fractions and chemometric analysis. <i>Food Chemistry</i> , 2010 , 120, 1229-1237	8.5	8
159	Characteristics and enantiomeric analysis of chiral pyrethroids. <i>Journal of Chromatography A</i> , 2010 , 1217, 968-89	4.5	64
158	Enantiomeric separation of chiral polycyclic musks by capillary electrophoresis: Application to the analysis of cosmetic samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 1157-65	4.5	35
157	First approach based on direct ultrasonic assisted enzymatic digestion and capillary-high performance liquid chromatography for the peptide mapping of soybean proteins. <i>Journal of Chromatography A</i> , 2010 , 1217, 6443-8	4.5	15
156	Simultaneous and rapid determination of the anticarcinogenic proteins Bowman-Birk inhibitor and lectin in soybean crops by perfusion RP-HPLC. <i>Journal of Chromatography A</i> , 2010 , 1217, 7138-43	4.5	13
155	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, 337-48	3.6	43
154	Fast derivatization of the non-protein amino acid ornithine with FITC using an ultrasound probe prior to enantiomeric determination in food supplements by EKC. <i>Electrophoresis</i> , 2009 , 30, 1037-45	3.6	23
153	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	3.6	38
152	Development of a CE-ESI-ITMS method for the enantiomeric determination of the non-protein amino acid ornithine. <i>Electrophoresis</i> , 2009 , 30, 1724-33	3.6	29
151	About the role of enantioselective selector-selectand interactions and the mobilities of diastereomeric associates in enantiomer separations using CE. <i>Electrophoresis</i> , 2009 , 30, 2803-11	3.6	61
150	Simultaneous separation of epinephrine and norepinephrine enantiomers by EKC: application to the analysis of pharmaceutical formulations. <i>Electrophoresis</i> , 2009 , 30, 2947-54	3.6	13
149	Rapid characterisation of (glyphosate tolerant) transgenic and non-transgenic soybeans using chromatographic protein profiles. <i>Food Chemistry</i> , 2009 , 113, 1212-1217	8.5	16
148	Reversed-phase high-performance liquid chromatography-electrospray mass spectrometry profiling of transgenic and non-transgenic maize for cultivar characterization. <i>Journal of Chromatography A</i> , 2009 , 1216, 7222-8	4.5	21
147	Ultrarapid quantitation of maize proteins by perfusion and monolithic reversed-phase high-performance liquid chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 3014-21	5.7	2
146	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, 260-5	3.2	23

145	Application of micro- and nano-HPLC to the determination and characterization of bioactive and biomarker peptides. <i>Journal of Separation Science</i> , 2008 , 31, 446-58	3.4	33
144	Time of flight versus ion trap MS coupled to CE to analyse intact proteins. <i>Journal of Separation Science</i> , 2008 , 31, 1810-8	3.4	31
143	Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2008 , 29, 274-93	3.6	32
142	Sensitive chiral analysis by CE: an update. <i>Electrophoresis</i> , 2008 , 29, 237-51	3.6	51
141	The first contribution of capillary electrophoresis to the study of abiotic origins of homochirality: investigation of the enantioselective adsorption of 3-carboxy adipic acid on minerals. <i>Electrophoresis</i> , 2008 , 29, 1548-55	3.6	11
140	Enantiomeric separation of glycidyl tosylate by CE: application to the study of catalytic asymmetric epoxidation of allyl alcohol. <i>Electrophoresis</i> , 2008 , 29, 4575-82	3.6	5
139	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, 254-9	3.2	23
138	Study of the efficiency of new phenoxo-ether titanium (IV) complexes as catalysts in asymmetric epoxidation processes. Comparison of HPLC and CE chiral methodologies. <i>Microchemical Journal</i> , 2008 , 90, 136-141	4.8	1
137	Estimation of the percentage of transgenic Bt maize in maize flour mixtures using perfusion and monolithic reversed-phase high-performance liquid chromatography and chemometric tools. <i>Food Chemistry</i> , 2008 , 111, 483-9	8.5	15
136	Detection of Adulterations 2008 , 741-766		
135	Characterization of protein fractions from Bt-transgenic and non-transgenic maize varieties using perfusion and monolithic RP-HPLC. Maize differentiation by multivariate analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3835-42	5.7	22
134	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, 388-94	3.6	24
133	Enantioselective separation ofazole compounds by EKC. Reversal of migration order of enantiomers with CD concentration. <i>Electrophoresis</i> , 2007 , 28, 2667-74	3.6	33
132	Characterization and differentiation of diverse transgenic and nontransgenic soybean varieties from CE protein profiles. <i>Electrophoresis</i> , 2007 , 28, 2314-23	3.6	24
131	Reproducible and efficient separation of aggregatable zein proteins by CZE using a volatile background electrolyte. <i>Electrophoresis</i> , 2007 , 28, 2988-97	3.6	12
130	CE methods for the determination of non-protein amino acids in foods. <i>Electrophoresis</i> , 2007 , 28, 4031-45.6	3.6	22
129	CE-MS of zein proteins from conventional and transgenic maize. <i>Electrophoresis</i> , 2007 , 28, 4192-201	3.6	35
128	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, 431-51	3.4	42

127	Simple and rapid characterization of soybean cultivars by perfusion reversed-phase HPLC: application to the estimation of the 11S and 7S globulin contents. <i>Journal of Separation Science</i> , 2007 , 30, 475-82	3.4	14
126	Development of a perfusion ion-exchange chromatography method for the separation of soybean proteins and its application to cultivar characterization. <i>Journal of Chromatography A</i> , 2007 , 1153, 97-103	4.5	17
125	Perfusion reversed-phase high-performance liquid chromatography/mass spectrometry analysis of intact soybean proteins for the characterization of soybean cultivars. <i>Journal of Chromatography A</i> , 2007 , 1170, 34-43	4.5	12
124	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	8.5	30
123	Determination of soybean proteins in soybean-wheat and soybean-rice commercial products by perfusion reversed-phase high-performance liquid chromatography. <i>Food Chemistry</i> , 2007 , 100, 948-955	8.5	6
122	Separation and quantitation of the four stereoisomers of itraconazole in pharmaceutical formulations by electrokinetic chromatography. <i>Electrophoresis</i> , 2006 , 27, 887-95	3.6	17
121	Development of a capillary electrophoresis method for the determination of soybean proteins in soybean-rice gluten-free dietary products. <i>Electrophoresis</i> , 2006 , 27, 452-60	3.6	9
120	Sensitive chiral analysis by capillary electrophoresis. <i>Electrophoresis</i> , 2006 , 27, 195-212	3.6	46
119	Recent advances in the analysis of antibiotics by capillary electrophoresis. <i>Electrophoresis</i> , 2006 , 27, 266-388	3.8	63
118	High-performance liquid chromatography and capillary electrophoresis for the analysis of maize proteins. <i>Journal of Separation Science</i> , 2006 , 29, 197-210	3.4	28
117	A 150 micron id packed column for the separation of soybean proteins by elution gradient mu-HPLC: simultaneous separation of soybean proteins from cereal and milk proteins. <i>Journal of Separation Science</i> , 2006 , 29, 979-85	3.4	3
116	Rapid detection of the addition of soybean proteins to cheese and other dairy products by reversed-phase perfusion chromatography. <i>Food Additives and Contaminants</i> , 2006 , 23, 339-47		10
115	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, 2424-30	5.6	61
114	Monolithic supports for the characterization of commercial maize products based on their chromatographic profile. Application of experimental design and classification techniques. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1173-9	5.7	13
113	Analysis of European and north american maize inbred and hybrid lines by monolithic and perfusion reversed-phase high-performance chromatography and multivariate analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 8702-9	5.7	13
112	Rapid separation of soybean and cereal (wheat, corn, and rice) proteins in complex mixtures: Application to the selective determination of the soybean protein content in commercial cereal-based products. <i>Analytica Chimica Acta</i> , 2006 , 558, 28-34	6.6	14
111	Reversed-phase high-performance liquid chromatography applied to the determination of soybean proteins in commercial heat-processed meat products. <i>Analytica Chimica Acta</i> , 2006 , 559, 215-220	6.6	10
110	Fractionation of chlorinated and brominated persistent organic pollutants in several food samples by pyrenyl-silica liquid chromatography prior to GCMS determination. <i>Analytica Chimica Acta</i> , 2006 , 565, 208-213	6.6	19

109	Development of a perfusion reversed-phase high performance liquid chromatography method for the characterisation of maize products using multivariate analysis. <i>Journal of Chromatography A</i> , 2006 , 1104, 91-9	4.5	18
108	Identification and quantitation of cis-ketoconazole impurity by capillary zone electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1114, 170-7	4.5	20
107	Separation modes in capillary electrophoresis. <i>Comprehensive Analytical Chemistry</i> , 2005 , 45, 31-134	1.9	5
106	Chiral analysis by capillary electrophoresis. <i>Comprehensive Analytical Chemistry</i> , 2005 , 617-701	1.9	2
105	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, 220-6	5.7	33
104	UV-vis absorbance detection in capillary electrophoresis. <i>Comprehensive Analytical Chemistry</i> , 2005 , 45, 225-304	1.9	4
103	Fundamentals of capillary electrophoresis. <i>Comprehensive Analytical Chemistry</i> , 2005 , 1-30	1.9	11
102	Enantiomeric separation of organophosphorus pesticides by capillary electrophoresis: Application to the determination of malathion in water samples after preconcentration by off-line solid-phase extraction. <i>Analytica Chimica Acta</i> , 2005 , 543, 77-83	6.6	60
101	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, 1106-13	3.6	27
100	Enantioselective separation of the sunscreen agent 3-(4-methylbenzylidene)-camphor by electrokinetic chromatography: Quantitative analysis in cosmetic formulations. <i>Electrophoresis</i> , 2005 , 26, 3952-9	3.6	7
99	Enantiomeric separation of ketoconazole and terconazole antifungals by electrokinetic chromatography: Rapid quantitative analysis of ketoconazole in pharmaceutical formulations. <i>Electrophoresis</i> , 2005 , 26, 3960-8	3.6	25
98	Detection and quantitation of additions of soybean proteins in cured-meat products by perfusion reversed-phase high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2005 , 28, 987-994	3.4	17
97	Development of a perfusion reversed-phase HPLC method for the separation of soybean and cereal (wheat, corn, and rice) proteins in binary mixtures. Application to the detection of soybean proteins in commercial bakery products. <i>Journal of Separation Science</i> , 2005 , 28, 996-1004	3.4	16
96	Separation and online preconcentration by multistep stacking with large-volume injection of anabolic steroids by capillary electrokinetic chromatography using charged cyclodextrins and UV-absorption detection. <i>Journal of Separation Science</i> , 2005 , 28, 2200-9	3.4	18
95	Easy determination of the addition of soybean proteins to heat-processed meat products prepared with turkey meat or pork-turkey meat blends that could also contain milk proteins. <i>Food Additives and Contaminants</i> , 2005 , 22, 1209-18		9
94	Micellar electrokinetic chromatography with bile salts for predicting ecotoxicity of aromatic compounds. <i>Journal of Chromatography A</i> , 2004 , 1052, 171-80	4.5	14
93	Chiral capillary electrophoresis applied to the determination of phenylglycidol enantiomers obtained from cinnamyl alcohol by asymmetric epoxidation using new titanium(IV) alkoxide compounds as catalysts. <i>Electrophoresis</i> , 2004 , 25, 2745-54	3.6	20
92	Comparison of charged cyclodextrin derivatives for the chiral separation of atropisomeric polychlorinated biphenyls by capillary electrophoresis. <i>Electrophoresis</i> , 2003 , 24, 2657-64	3.6	26

91	Rapid determination of salbutamol in pharmaceutical preparations by chiral capillary electrophoresis. <i>Electrophoresis</i> , 2003 , 24, 2680-6	3.6	23
90	Retention modeling and resolution optimization for a group of N-phenylpyrazole derivatives in micellar electrokinetic chromatography using empirical and physicochemical models. <i>Electrophoresis</i> , 2003 , 24, 325-35	3.6	10
89	Influence of the organic modifier and the ion-pairing agent in the mobile phase on the separation of soya bean proteins by perfusion liquid chromatography. Analysis of commercial dairylike soya bean products using multivariate techniques. <i>Journal of Separation Science</i> , 2003 , 26, 1363-1375	3.4	4
88	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, 609-18	8.4	36
87	Monitoring the stereoselectivity of biodegradation of chiral polychlorinated biphenyls using electrokinetic chromatography. <i>Journal of Separation Science</i> , 2002 , 25, 17-22	3.4	14
86	Analysis of soyabean proteins in meat products: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2002 , 42, 507-32	11.5	70
85	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, 103-8	3.5	38
84	A validated flame AAS method for determining magnesium in a multivitamin pharmaceutical preparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 25, 941-5	3.5	23
83	Application of capillary zone electrophoresis with off-line solid-phase extraction to in vitro metabolism studies of antifungals. <i>Electrophoresis</i> , 2001 , 22, 2503-11	3.6	17
82	Rapid separation of tetracycline derivatives and their main degradation products by capillary zone electrophoresis. <i>Electrophoresis</i> , 2001 , 22, 2775-81	3.6	18
81	Fast enantiomeric separation of basis drugs by electrokinetic chromatography. Application to the quantitation of terbutaline in a pharmaceutical preparation. <i>Electrophoresis</i> , 2001 , 22, 3191-7	3.6	15
80	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, 3216-25	3.6	29
79	Fast detection of added soybean proteins in cow ^Q , goat ^Q , and ewe ^Q milk by perfusion reversed-phase high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2001 , 24, 856-864	3.4	20
78	Quantitative retention- and migration-toxicity relationships of phenoxy acid herbicides in micellar liquid chromatography and micellar electrokinetic chromatography. <i>Analytica Chimica Acta</i> , 2001 , 443, 191-203	6.6	16
77	Optimization of the separation of a group of antifungals by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2001 , 917, 337-45	4.5	25
76	Study of retention in micellar liquid chromatography on a C8 column by the use of linear solvation energy relationships. <i>Journal of Chromatography A</i> , 2001 , 918, 1-11	4.5	19
75	Laser-induced fluorescence detection at 266 nm in capillary electrophoresis. Polycyclic aromatic hydrocarbon metabolites in biota. <i>Journal of Chromatography A</i> , 2001 , 907, 291-9	4.5	35
74	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, 157-64	4.5	33

73	Enantiomeric separation of chiral polychlorinated biphenyls by micellar electrokinetic chromatography using mixtures of bile salts and sodium dodecyl sulphate with and without β -cyclodextrin in the separation buffer. <i>Journal of Separation Science</i> , 2000 , 12, 33-40		19
72	Effects of Injected Volume and Applied Voltage on Column Efficiency in Capillary Electrochromatography with Open Tubular Columns of 10 μ m i.d.. <i>Journal of High Resolution Chromatography</i> , 2000 , 23, 373-378		6
71	Enantiomeric separation of a group of chiral dihydropyridines by electrokinetic chromatography. <i>Electrophoresis</i> , 2000 , 21, 1565-73	3.6	11
70	Separation of a group of N-phenylpyrazole derivatives by micellar electrokinetic chromatography: application to the determination of solute-micelle association constants and estimation of the hydrophobicity. <i>Electrophoresis</i> , 2000 , 21, 2424-31	3.6	8
69	Fast enantiomeric separation of uniconazole and diniconazole by electrokinetic chromatography using an anionic cyclodextrin: application to the determination of analyte-selector apparent binding constants for enantiomers. <i>Electrophoresis</i> , 2000 , 21, 3240-8	3.6	20
68	Perfusion chromatography: an emergent technique for the analysis of food proteins. <i>Journal of Chromatography A</i> , 2000 , 880, 169-87	4.5	59
67	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, 329-37	4.5	33
66	Characterization of commercial soybean products by conventional and perfusion reversed-phase high-performance liquid chromatography and multivariate analysis. <i>Journal of Chromatography A</i> , 2000 , 881, 47-57	4.5	19
65	Determination by perfusion reversed-phase high-performance liquid chromatography of the soybean protein content of commercial soybean products prepared directly from whole soybeans. <i>Journal of Chromatography A</i> , 2000 , 881, 37-46	4.5	8
64	DETERMINATION OF THE SOYBEAN PROTEIN CONTENT IN SOYBEAN LIQUID MILKS BY REVERSED-PHASE HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000 , 23, 3165-3174 ^{1,3}	4.3	4
63	Organochlorine and heavy metal residues in the water/sediment system of the Southeast Regional Park in Madrid, Spain. <i>Chemosphere</i> , 2000 , 41, 801-12	8.4	36
62	USE OF PHASTGEL SODIUM DODECYL SULPHATE POLYACRYLAMIDE GEL ELECTROPHORESIS FOR RAPID CHARACTERIZATION OF SOYBEAN PROTEINS IN COMMERCIAL SOYBEAN PRODUCTS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000 , 23, 2021-2031	1.3	3
61	LINEAR SOLVATION ENERGY RELATIONSHIP STUDY OF RETENTION IN MICELLAR LIQUID CHROMATOGRAPHY ON A C18 COLUMN USING SODIUM DODECYL SULFATE AND CETYLTRIMETHYLAMMONIUM BROMIDE MOBILE PHASES WITH ALCOHOL MODIFIERS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000 , 23, 873-895	1.3	13
60	A reversed-phase high-performance liquid chromatographic method for the determination of soya bean proteins in bovine milks. <i>Analytical Chemistry</i> , 2000 , 72, 1814-8	7.8	22
59	Detection of bovine whey proteins by on-column derivatization capillary electrophoresis with laser-induced fluorescence monitoring. <i>Journal of Chromatography A</i> , 1999 , 841, 105-14	4.5	39
58	Analysis of bovine whey proteins in soybean dairy-like products by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1999 , 859, 77-86	4.5	18
57	Characterization and quantitation of soybean proteins in commercial soybean products by capillary electrophoresis. <i>Electrophoresis</i> , 1999 , 20, 2003-12	3.6	13
56	Gas chromatography determination of polychlorinated biphenyls in powdered and liquid soybean milks. <i>Journal of Chromatography A</i> , 1998 , 815, 272-7	4.5	8

55	Determination of polychlorinated biphenyls in soybean infant formulas by gas chromatography. <i>Journal of Chromatography A</i> , 1998 , 823, 365-72	4.5	15
54	Ultrarapid detection of bovine whey proteins in powdered soybean milk by perfusion reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1998 , 822, 225-32	4.5	19
53	Chemical characterization of commercial soybean products. <i>Food Chemistry</i> , 1998 , 62, 325-331	8.5	24
52	Chiral separation of polychlorinated biphenyls by micellar electrokinetic chromatography with sodium cholate. <i>Electrophoresis</i> , 1998 , 19, 2113-8	3.6	26
51	Determination of 1-Octanol-Water Partition Coefficients for a Group of 1,4-Dihydropyridines by Reversed-Phase High Performance Liquid Chromatography: Study of Micellar Liquid Chromatography for Hydrophobicity Estimation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1998 , 21, 331-347	1.3	6
50	Effect of the Chain Length and Concentration of the Alcohol Used in the Mobile Phase in Micellar Liquid Chromatography with a C1 Column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1998 , 21, 2117-2130	1.3	
49	A perfusion reversed-phase chromatographic method for ultrarapid determination of soybean proteins in soybean infant formulas and soybean milks: method development and validation. <i>Journal of Chromatographic Science</i> , 1998 , 36, 527-34	1.4	27
48	Micellar Electrokinetic Chromatography Estimation of Critical Micellar Concentration of Sodium Dodecyl Sulphate Systems in Saline Media. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 1327-1336	1.3	
47	Neural Network Capability for Retention Modeling in Micellar Liquid Chromatography with Hybrid Eluents. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 731-742	1.3	5
46	Capillary Zone Electrophoresis Versus Micellar Electrokinetic Chromatography in The Separation of Sphenols of Environmental Interest. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 1-20	1.3	13
45	Capillary Electrophoresis: A Good Alternative for the Separation of Chiral Compounds of Environmental Interest. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 1337-1365	1.3	17
44	Simultaneous separation of soya bean and animal whey proteins by reversed-phase high-performance liquid chromatography. Quantitative analysis in edible samples. <i>Analytical Chemistry</i> , 1997 , 69, 2217-20	7.8	24
43	Composition and characterization of soyabean and related products. <i>Critical Reviews in Food Science and Nutrition</i> , 1997 , 37, 361-91	11.5	164
42	Rapid separation of soybean globulins by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997 , 758, 75-83	4.5	30
41	Micellar electrokinetic capillary chromatographic separation of polychlorinated biphenyl congeners. <i>Journal of Chromatography A</i> , 1997 , 778, 77-85	4.5	12
40	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	5.1	59
39	Study of the nitrite-chloride and nitrate-nitrite ion-exchange equilibria in diluted and concentrated media. <i>Reactive and Functional Polymers</i> , 1997 , 32, 269-276	4.6	2
38	Retention modeling in micellar liquid chromatography. <i>Journal of Chromatography A</i> , 1997 , 780, 149-163	4.5	30

37	Evaluation of distribution coefficients in micellar liquid chromatography. <i>Journal of Chromatography A</i> , 1997 , 780, 103-116	4.5	23
36	Enhancement of the separation selectivity of a group of polycyclic aromatic hydrocarbons using mixed cyclodextrin-modified micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1997 , 792, 411-418	4.5	18
35	Neural networks as a tool for modelling the retention behaviour of dihydropyridines in micellar liquid chromatography. <i>Analytica Chimica Acta</i> , 1997 , 353, 367-379	6.6	16
34	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	2.1	30
33	Study of the influence of the co-ion nature on the nitrate-chloride ion exchange in diluted and concentrated solutions. <i>Reactive and Functional Polymers</i> , 1996 , 31, 31-37	4.6	4
32	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	4.5	27
31	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	4.5	38
30	Study of the Separation Selectivity of a Group of Benzene and Naphthalene Derivatives in Micellar Liquid Chromatography. <i>Microchemical Journal</i> , 1996 , 53, 215-224	4.8	11
29	Determination of the parameters of the H \ddot{u} feldt model for the nitrate-chloride ion exchange on different resins and in different media. Variation with the water activity of the solution. <i>Reactive and Functional Polymers</i> , 1996 , 28, 139-147	4.6	3
28	A model describing the effect on retention of the addition of alcohols to the mobile phase in micellar liquid chromatography. <i>Journal of Chromatography A</i> , 1996 , 719, 15-26	4.5	18
27	Separation of chiral polychlorinated biphenyls by micellar electrokinetic chromatography using β - and γ -cyclodextrin mixtures in the separation buffer. <i>Journal of Chromatography A</i> , 1996 , 752, 265-70	4.5	39
26	Influence of Alcohol Organic Modifiers Upon the Association Constants and Retention Mechanism for Aromatic Compounds in Micellar Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996 , 19, 1757-1776	1.3	16
25	Electrochromatography. <i>Critical Reviews in Analytical Chemistry</i> , 1996 , 26, 261-304	5.2	106
24	Prediction and Modelling Studies for Capacity Factors of a Group of Dihydropyridines in Micellar Liquid Chromatography with Hybrid Eluents. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996 , 19, 2477-2495	1.3	3
23	A statistical study of the correlation between k' or $\log k'$ and $\log P_{ow}$ for a group of benzene and naphthalene derivatives in micellar liquid chromatography using a C-18 column. <i>Chromatographia</i> , 1995 , 40, 185-192	2.1	9
22	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, The</i> , 1995 , 120, 255	5	22
21	Micellar Liquid Chromatography with Hybrid Eluents 1994 , 17, 957-980		14
20	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	4.5	33

19	Determination of Nitrate and Nitrite Anions in Natural Waters by Reversed-Phase Ion Pair Liquid Chromatography. <i>Microchemical Journal</i> , 1994 , 50, 1-5	4.8	5
18	Retention mechanism and implications for selectivity for a group of dihydropyridines in ionic micellar liquid chromatography. <i>Journal of Chromatography A</i> , 1994 , 687, 1-12	4.5	11
17	Study of the k_{or} or $\log k_{Qog}$ vs $\log k_{ow}$ correlation for a group of benzene derivatives and polycyclic aromatic hydrocarbons in micellar liquid chromatography with a C8 column. <i>Journal of Chromatography A</i> , 1994 , 687, 233-239	4.5	24
16	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, 179-85	6.2	33
15	The State of the Art of Ligand-Loaded Complexing Resins. Characteristics and Applications. <i>Critical Reviews in Analytical Chemistry</i> , 1994 , 24, 327-361	5.2	42
14	Optimization of the separation selectivity of a group of benzene and naphthalene derivatives in micellar high-performance liquid chromatography using a C18 column and alcohols as modifiers in the mobile phase. <i>Journal of Chromatography A</i> , 1993 , 646, 297-305	4.5	20
13	Separation and quantitation of some metal ions by RP-HPLC using EDTA as complexing agent in mobile phase. <i>Chromatographia</i> , 1993 , 35, 621-626	2.1	17
12	Ion exchange in concentrated media. Correlations for variation of selectivity coefficients with medium. <i>Reactive & Functional Polymers</i> , 1992 , 16, 271-286		7
11	Application of the Helfferich three-parameter model to ion-exchange data in concentrated media. <i>Reactive & Functional Polymers</i> , 1992 , 18, 213-219		4
10	Separation and quantitation of some metal ions by reversed-phase high-performance liquid chromatography using in situ complexation with (E)-trans-1,2-diaminocyclohexane-N,N',N'',N'''-tetraacetic acid. <i>Journal of Chromatography A</i> , 1992 , 607, 207-213	4.5	7
9	Study of SPADNS as mobile-phase complexing agent for metal ion separation in reversed-phase high-performance liquid chromatography. <i>Microchemical Journal</i> , 1991 , 44, 335-338	4.8	2
8	Determination of micelle-solute association constants of some benzene and naphthalene derivatives by micellar high-performance liquid chromatography with butanol and sodium chloride additives to mobile phase. <i>Chromatographia</i> , 1991 , 32, 148-154	2.1	16
7	Separation of Metal Ions by Reversed-Phase High Performance Liquid Chromatography Using In-Situ Complexation. Application to Determination of Fe(III) and Fe(II) as O-Phenanthroline Complexes. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1989 , 12, 1253-1260		5
6	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	2.1	29
5	Preconcentration of metal ions from natural water samples on an ion-exchange resin loaded with SPADNS. <i>Microchemical Journal</i> , 1987 , 36, 103-106	4.8	7
4	Separation of Fe (III), Cr (III), Ni (II), Cu (II), Mn (II), and Pb (II) by RP-HPLC Using EDTA in mobile phase as complexing agent. <i>Journal of High Resolution Chromatography</i> , 1986 , 9, 300-301		13
3	Retention of organic ligands on anionic and nonionic resins: Application to the separation and preconcentration of metal ions. <i>Microchemical Journal</i> , 1986 , 33, 275-294	4.8	8
2	Spectrophotometric and potentiometric study of the complexes originated by the trisodium salt of 2-(p-sulfophenylazo)-1,8-dihydroxynaphthalene-3,6-disulfonic acid (SPADNS) and several metal ions. <i>Microchemical Journal</i> , 1986 , 34, 289-294	4.8	7

- 1 Optimization of the Separation Conditions in Electrokinetic Chromatography: Experimental Designs, Modelling and Validation 95-113