

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	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.	4.2	10
2	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.	1.8	8
3	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.	4.2	14
4	Stereoselective separation of dimethenamid by cyclodextrin electrokinetic chromatography using deep eutectic solvents. <i>Journal of Chromatography A</i> , 2022, 1673, 463114.	1.8	6
5	Chiral Capillary Electrophoresis in Food Analysis. <i>Current and Future Developments in Food Science</i> , 2022, , 291-320.	0.0	1
6	Amino Acid Analysis by Capillary Electromigration Methods. <i>Current and Future Developments in Food Science</i> , 2022, , 147-173.	0.0	0
7	Composition of Nonextractable Polyphenols from Sweet Cherry Pomace Determined by DART-Orbitrap-HRMS and Their <i>In Vitro</i> and <i>In Vivo</i> Potential Antioxidant, Antiaging, and Neuroprotective Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7993-8009.	2.4	8
8	Enzyme-assisted extraction of bioactive non-extractable polyphenols from sweet cherry (<i>Prunus</i>)	4.2	69
9	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.	2.3	28
10	Pressurized Hot Water Extraction of Bioactives. , 2021, , 771-785.		1
11	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.	1.8	6
12	Comprehensive metabolomic study of the response of HK-2 cells to hyperglycemic hypoxic diabetic-like milieu. <i>Scientific Reports</i> , 2021, 11, 5058.	1.6	24
13	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.	1.3	11
14	Exploratory Metabolomic Analysis Based on Reversed-Phase Liquid Chromatography–Mass Spectrometry to Study an In Vitro Model of Hypoxia-Induced Metabolic Alterations in HK-2 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7399.	1.8	3
15	Enantiomeric separation of prothioconazole and prothioconazole-desthio by Capillary Electrophoresis. Degradation studies in environmental samples. <i>Journal of Chromatography A</i> , 2021, 1651, 462255.	1.8	12
16	Simultaneous Enantiomeric Separation of Carfentrazone-Ethyl Herbicide and Its Hydrolysis Metabolite Carfentrazone by Cyclodextrin Electrokinetic Chromatography. Analysis of Agrochemical Products and a Degradation Study. <i>Molecules</i> , 2021, 26, 5350.	1.7	3
17	A rapid electrokinetic chromatography method using short-end injection for the enantioselective separation of tryptophan. <i>Microchemical Journal</i> , 2021, 168, 106508.	2.3	6
18	Stereoselective separation of sulfoxafloer by electrokinetic chromatography and applications to stability and ecotoxicological studies. <i>Journal of Chromatography A</i> , 2021, 1654, 462450.	1.8	5

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19	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.	2.9	19
20	Pressurized Liquid Extraction Combined with Enzymatic-Assisted Extraction to Obtain Bioactive Non-Extractable Polyphenols from Sweet Cherry (<i>Prunus avium</i> L.) Pomace. <i>Nutrients</i> , 2021, 13, 3242.	1.7	8
21	Use of single and dual systems of β -cyclodextrin or β -cyclodextrin/L-Carnitine derived ionic liquid for the enantiomeric determination of cysteine by electrokinetic chromatography. A comparative study. <i>Microchemical Journal</i> , 2021, 169, 106596.	2.3	13
22	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- β -cyclodextrin. <i>Microchemical Journal</i> , 2021, 171, 106815.	2.3	10
23	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.	1.8	8
24	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.	0.8	2
25	Nanomaterials in Protein Sample Preparation. <i>Separation and Purification Reviews</i> , 2020, 49, 229-264.	2.8	9
26	Enantiomeric Determination of Drugs in Pharmaceutical Formulations and Biological Samples by Electrokinetic Chromatography. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 554-584.	1.8	29
27	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.	1.8	13
28	Chiral capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115807.	5.8	147
29	Feasibility of cationic carbosilane dendrimers for sustainable protein sample preparation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110746.	2.5	6
30	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.	2.4	9
31	Highly sensitive determination of amanita toxins in biological samples using β -cyclodextrin collaborated molecularly imprinted polymers coupled with ultra-high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1630, 461514.	1.8	8
32	Extraction and Characterization of Antioxidant Peptides from Fruit Residues. <i>Foods</i> , 2020, 9, 1018.	1.9	17
33	Apricot. , 2020, , 43-65.		1
34	Enantiomeric Separation of Colchicine and Lacosamide by Nano-LC. Quantitative Analysis in Pharmaceutical Formulations. <i>Separations</i> , 2020, 7, 55.	1.1	4
35	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.	2.9	22
36	Enantiomeric determination of econazole and sulconazole by electrokinetic chromatography using hydroxypropyl- β -cyclodextrin combined with ionic liquids based on L-lysine and L-glutamic acid. <i>Journal of Chromatography A</i> , 2020, 1621, 461085.	1.8	22

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37	Enantiomeric separation of homocysteine and cysteine by electrokinetic chromatography using mixtures of β -cyclodextrin and carnitine-based ionic liquids. <i>Microchemical Journal</i> , 2020, 157, 105070.	2.3	21
38	Recovery and determination of cholesterol-lowering compounds from <i>Olea europaea</i> seeds employing pressurized liquid extraction and gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2020, 156, 104812.	2.3	4
39	Chiral Micellar Electrokinetic Chromatography. <i>Journal of Chromatography A</i> , 2020, 1626, 461383.	1.8	23
40	Time-series proteomic study of the response of HK-2 cells to hyperglycemic, hypoxic diabetic-like milieu. <i>PLoS ONE</i> , 2020, 15, e0235118.	1.1	4
41	Sustainable extraction of proteins and bioactive substances from pomegranate peel (<i>Punica granatum</i>) Tj ETQq1 1 0.784314 rgBT /Ove Technologies, 2020, 60, 102314.	2.7	79
42	Untargeted HILIC-MS-Based Metabolomics Approach to Evaluate Coffee Roasting Process: Contributing to an Integrated Metabolomics Multiplatform. <i>Molecules</i> , 2020, 25, 887.	1.7	16
43	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, 512.	1.7	11
44	Chiral Analysis of Non-Protein Amino Acids by Capillary Electrophoresis. <i>Methods in Molecular Biology</i> , 2019, 2030, 277-291.	0.4	2
45	Capillary electrophoresis-mass spectrometry metabolic fingerprinting of green and roasted coffee. <i>Journal of Chromatography A</i> , 2019, 1605, 360353.	1.8	19
46	A sustainable approach for the extraction of cholesterol-lowering compounds from an olive by-product based on CO ₂ -expanded ethyl acetate. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5885-5896.	1.9	13
47	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
48	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
49	Enantiomeric analysis of pyrethroids and organophosphorus insecticides. <i>Journal of Chromatography A</i> , 2019, 1605, 360345.	1.8	21
50	Gold nanoparticles coated with carbosilane dendrons in protein sample preparation. <i>Mikrochimica Acta</i> , 2019, 186, 508.	2.5	8
51	Phenolic compounds increase their concentration in <i>Carica papaya</i> leaves under drought stress. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	1.0	14
52	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
53	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
54	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.	1.6	24

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55	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.	1.8	9
56	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.	2.3	10
57	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.	1.3	8
58	Chiral Capillary Electrophoresis-Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019, 1985, 391-405.	0.4	6
59	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 ₂ . <i>Electrophoresis</i> , 2019, 40, 1913-1920.	1.3	21
60	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.	3.9	20
61	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.	1.8	18
62	Separation and identification of peptides in hydrolysed protein extracts from edible macroalgae by HPLC-ESI-QTOF/MS. <i>Algal Research</i> , 2019, 39, 101465.	2.4	8
63	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.	1.8	12
64	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.	6.5	16
65	Pressurized hot water extraction of bioactives. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 236-247.	5.8	61
66	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.	1.8	24
67	Pressure hot water processing of food and natural products. , 2019, , 193-220.		1
68	Enantioseparation by Capillary Electrophoresis Using Ionic Liquids as Chiral Selectors. <i>Critical Reviews in Analytical Chemistry</i> , 2018, 48, 429-446.	1.8	59
69	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.	1.8	11
70	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
71	In vitro antitumor and hypotensive activity of peptides from olive seeds. <i>Journal of Functional Foods</i> , 2018, 42, 177-184.	1.6	30
72	Recent advances in the application of capillary electromigration methods for food analysis and Foodomics. <i>Electrophoresis</i> , 2018, 39, 136-159.	1.3	65

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73	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
74	Environmental chiral analysis of β -blockers: evaluation of different n-alkyl-modified SBA-15 mesoporous silicas as sorbents in solid-phase extraction. <i>Environmental Chemistry</i> , 2018, 15, 362.	0.7	7
75	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
76	Isolation and identification by high resolution liquid chromatography tandem mass spectrometry of novel peptides with multifunctional lipid-lowering capacity. <i>Food Research International</i> , 2018, 111, 77-86.	2.9	28
77	A facile and efficient single-step approach for the fabrication of vancomycin functionalized polymer-based monolith as chiral stationary phase for nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1557, 43-50.	1.8	22
78	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
79	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
80	Periodic mesoporous organosilica materials as sorbents for solid-phase extraction of drugs prior to simultaneous enantiomeric separation by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2018, 1566, 135-145.	1.8	24
81	Neuroscience Applications of Capillary Electrophoretic Methods. , 2018, , 481-510.		3
82	Capillary Electrophoresis: Chiral Separations. , 2018, , 334-334.		0
83	Design of strategies to study the metabolic profile of highly polar compounds in plasma by reversed-phase liquid chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1490, 156-165.	1.8	12
84	Enantiomeric separation of the antiemetic drug colchicine by electrokinetic chromatography. Method development and quantitative analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 189-196.	1.4	22
85	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
86	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
87	A capillary micellar electrokinetic chromatography method for the stereoselective quantitation of bioallethrin in biotic and abiotic samples. <i>Journal of Chromatography A</i> , 2017, 1510, 108-116.	1.8	9
88	Investigation on the combined effect of cocaine and ethanol administration through a liquid chromatography-mass spectrometry metabolomics approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 313-321.	1.4	12
89	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
90	Preconcentration of β -blockers using functionalized ordered mesoporous silica as sorbent for SPE and their determination in waters by chiral CE. <i>Electrophoresis</i> , 2017, 38, 1905-1912.	1.3	19

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91	A cross-platform metabolomics workflow for volume-restricted tissue samples: application to an animal model for polycystic kidney disease. <i>Molecular BioSystems</i> , 2017, 13, 1940-1945.	2.9	2
92	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
93	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
94	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.	1.8	12
95	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.	1.9	12
96	Factors affecting interactions between sulphonate-terminated dendrimers and proteins: A three case study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 196-205.	2.5	13
97	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
98	Recent Applications of Chiral Capillary Electrophoresis in Pharmaceutical Analysis. , 2017, , 71-115.		1
99	Novel Applications of Protein By-products in Biomedicine. , 2016, , 193-211.		2
100	Improving the sensitivity in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 19-34.	1.3	30
101	Analysis of antibiotics by CE and their use as chiral selectors: An update. <i>Electrophoresis</i> , 2016, 37, 189-211.	1.3	35
102	Derivatization in Capillary Electrophoresis. <i>Methods in Molecular Biology</i> , 2016, 1483, 37-52.	0.4	6
103	Enantioselective analysis of proteinogenic amino acids in cerebrospinal fluid by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2016, 37, 2410-2419.	1.3	31
104	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
105	Identification of plum and peach seed proteins by nLC-MS/MS via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2016, 148, 105-112.	1.2	17
106	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.	1.8	17
107	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.	1.9	9
108	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.	1.3	16

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109	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
110	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
111	Enantiomeric separation of non-protein amino acids by electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2016, 1467, 409-416.	1.8	14
112	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
113	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
114	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
115	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, 176-184.	1.8	20
116	A sarabande of tropical fruit proteomics: Avocado, banana, and mango. <i>Proteomics</i> , 2015, 15, 1639-1645.	1.3	17
117	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
118	Recent contributions of capillary electrophoresis to neuroscience. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 67, 82-99.	5.8	19
119	Metabolomic fingerprinting of saffron by LC/MS: novel authenticity markers. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7197-7213.	1.9	61
120	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.	2.3	16
121	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
122	Wine science in the metabolomics era. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 74, 1-20.	5.8	86
123	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
124	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
125	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
126	Characterization and Study of Transgenic Cultivars by Capillary and Microchip Electrophoresis. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23851-23877.	1.8	17

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127	Development of a capillary high performance liquid chromatography-ion trap-mass spectrometry method for the determination of VLIVP antihypertensive peptide in soybean crops. Journal of Chromatography A, 2014, 1338, 85-91.	1.8	14
128	Isolation and identification of antioxidant peptides from commercial soybean-based infant formulas. Food Chemistry, 2014, 148, 147-154.	4.2	55
129	Investigation on the enantioseparation of duloxetine by capillary electrophoresis, NMR, and mass spectrometry. Electrophoresis, 2014, 35, 2842-2847.	1.3	20
130	Off-line two dimensional isoelectrofocusing-liquid chromatography/mass spectrometry (time of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6. 117-124.	1.8	12
131	Plum (<i>Prunus Domestica</i> L.) by-product as a new and cheap source of bioactive peptides: Extraction method and peptides characterization. Journal of Functional Foods, 2014, 11, 428-437.	1.6	100
132	New approaches in sensitive chiral <sc>CE</sc>. Electrophoresis, 2014, 35, 12-27.	1.3	29
133	Recent advances in <sc>CE</sc> analysis of antibiotics and its use as chiral selectors. Electrophoresis, 2014, 35, 28-49.	1.3	31
134	Evaluation of mesoporous silicas functionalized with C18 groups as stationary phases for the solid-phase extraction of steroid hormones in milk. Electrophoresis, 2014, 35, 1666-1676.	1.3	23
135	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
136	Analysis of glycerophospho- and sphingolipids by <sc>CE</sc>. Electrophoresis, 2014, 35, 779-792.	1.3	11
137	Identification of native angiotensin-I converting enzyme inhibitory peptides in commercial soybean based infant formulas using HPLC-Q-ToF-MS. Food Chemistry, 2014, 157, 62-69.	4.2	31
138	Potential of vancomycin for the enantiomeric resolution of FMOCA-amino acids by capillary electrophoresis-ion trap-mass spectrometry. Electrophoresis, 2014, 35, 1244-1250.	1.3	41
139	Enantioseparation of N-derivatized amino acids by micro-liquid chromatography using carbamoylated quinidine functionalized monolithic stationary phase. Journal of Chromatography A, 2014, 1363, 207-215.	1.8	35
140	Proteins in Olive Fruit and Oil. Critical Reviews in Food Science and Nutrition, 2014, 54, 611-624.	5.4	21
141	Analytical Approaches for the Characterization and Identification of Olive (<i>Olea europaea</i>) Oil Proteins. Journal of Agricultural and Food Chemistry, 2013, 61, 10384-10391.	2.4	8
142	In-depth proteomic analysis of banana (<i>Musa</i> spp.) fruit with combinatorial peptide ligand libraries. Electrophoresis, 2013, 34, 207-214.	1.3	42
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