

Ana M Garca-Campaa

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208
papers

6,051
citations

46
h-index

62
g-index

220
ext. papers

6,629
ext. citations

5
avg, IF

6.03
L-index

#	Paper	IF	Citations
208	Recent developments in nanomaterial optical sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2004 , 23, 351-360	14.6	144
207	Chemiluminescence detection in liquid chromatography: applications to clinical, pharmaceutical, environmental and food analysis--a review. <i>Analytica Chimica Acta</i> , 2009 , 640, 7-28	6.6	138
206	Multiresidue method for the determination of quinolone antibiotics in bovine raw milk by capillary electrophoresis-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 7665-73	7.8	126
205	Chemiluminescence in Analytical Chemistry		123
204	Multiclass mycotoxin analysis in <i>Silybum marianum</i> by ultra high performance liquid chromatography-tandem mass spectrometry using a procedure based on QuEChERS and dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2013 , 1282, 11-9	4.5	96
203	Chemiluminescence-based detection: principles and analytical applications in flowing streams and in immunoassays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 17, 941-53	3.5	93
202	Determination of aminoglycosides in honey by capillary electrophoresis tandem mass spectrometry and extraction with molecularly imprinted polymers. <i>Analytica Chimica Acta</i> , 2015 , 891, 321-8	6.6	92
201	Analysis of pesticides by chemiluminescence detection in the liquid phase. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 927-942	14.6	89
200	A new approach in sample treatment combined with UHPLC-MS/MS for the determination of multiclass mycotoxins in edible nuts and seeds. <i>Talanta</i> , 2013 , 115, 61-7	6.2	85
199	LIF detection of peptides and proteins in CE. <i>Electrophoresis</i> , 2007 , 28, 208-32	3.6	84
198	Laser induced fluorescence coupled to capillary electrophoresis for the determination of fluoroquinolones in foods of animal origin using molecularly imprinted polymers. <i>Journal of Chromatography A</i> , 2010 , 1217, 2237-42	4.5	79
197	Applications of capillary electrophoresis to the determination of antibiotics in food and environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 967-86	4.4	74
196	ALAMIN: a chemometric program to check analytical method performance and to assess the trueness by standard addition methodology. <i>TrAC - Trends in Analytical Chemistry</i> , 1997 , 16, 381-385	14.6	71
195	Determination of carbamates in edible vegetable oils by ultra-high performance liquid chromatography-tandem mass spectrometry using a new clean-up based on zirconia for QuEChERS methodology. <i>Talanta</i> , 2014 , 128, 299-304	6.2	69
194	Alternative sample treatments for the determination of sulfonamides in milk by HPLC with fluorescence detection. <i>Food Chemistry</i> , 2014 , 143, 459-64	8.5	68
193	Determination of ochratoxin A in wines by capillary liquid chromatography with laser induced fluorescence detection using dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2012 , 135, 368-72	8.5	68
192	Analytical methods for multiresidue determination of sulfonamides and trimethoprim in meat and ground water samples by CE-MS and CE-MS/MS. <i>Electrophoresis</i> , 2007 , 28, 4164-72	3.6	67

191	Use of dispersive liquid-liquid microextraction for the determination of carbamates in juice samples by sweeping-micellar electrokinetic chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1329-38	4.4	66
190	Advances in the determination of β -lactam antibiotics by liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 38, 52-66	14.6	65
189	Ion Mobility Spectrometry in Food Analysis: Principles, Current Applications and Future Trends. <i>Molecules</i> , 2019 , 24,	4.8	64
188	Trace determination of beta-lactam antibiotics in environmental aqueous samples using off-line and on-line preconcentration in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2008 , 1185, 273-80	4.5	63
187	Evaluation of a multiresidue capillary electrophoresis-quadrupole-time-of-flight mass spectrometry method for the determination of antibiotics in milk samples. <i>Journal of Chromatography A</i> , 2017 , 1510, 100-107	4.5	62
186	Vortex-assisted ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonamide herbicides in wine samples by capillary high-performance liquid chromatography. <i>Food Chemistry</i> , 2015 , 170, 348-53	8.5	61
185	Applications of capillary electrophoresis in forensic analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 215-226	14.6	61
184	Statistical Estimation of Linear Calibration Range. <i>Analytical Letters</i> , 1996 , 29, 1231-1239	2.2	60
183	Determination of quinolones of veterinary use in bee products by ultra-high performance liquid chromatography-tandem mass spectrometry using a QuEChERS extraction procedure. <i>Talanta</i> , 2012 , 93, 193-9	6.2	59
182	Determination of sulfonamide residues in water samples by in-line solid-phase extraction-capillary electrophoresis. <i>Journal of Chromatography A</i> , 2009 , 1216, 3372-9	4.5	58
181	Determination of N-methylcarbamate pesticides in water and vegetable samples by HPLC with post-column chemiluminescence detection using the luminol reaction. <i>Analytica Chimica Acta</i> , 2008 , 630, 194-204	6.6	58
180	Molecularly imprinted polymer as in-line concentrator in capillary electrophoresis coupled with mass spectrometry for the determination of quinolones in bovine milk samples. <i>Journal of Chromatography A</i> , 2014 , 1360, 1-8	4.5	56
179	Salting-out assisted liquid-liquid extraction combined with capillary HPLC for the determination of sulfonamide herbicides in environmental water and banana juice samples. <i>Talanta</i> , 2014 , 127, 51-8	6.2	56
178	Comparison of different sample treatments for the analysis of quinolones in milk by capillary-liquid chromatography with laser induced fluorescence detection. <i>Journal of Chromatography A</i> , 2011 , 1218, 4966-71	4.5	56
177	In-line solid-phase extraction preconcentration in capillary electrophoresis-tandem mass spectrometry for the multiresidue detection of quinolones in meat by pressurized liquid extraction. <i>Electrophoresis</i> , 2008 , 29, 2117-25	3.6	56
176	Chemiluminescence detection coupled to capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 973-986	14.6	54
175	Evaluation of dispersive liquid-liquid microextraction for the determination of patulin in apple juices using micellar electrokinetic capillary chromatography. <i>Food Control</i> , 2013 , 31, 353-358	6.2	53
174	Application of capillary zone electrophoresis with large-volume sample stacking to the sensitive determination of sulfonamides in meat and ground water. <i>Electrophoresis</i> , 2006 , 27, 4060-8	3.6	53

173	Collision Cross Section (CCS) Database: An Additional Measure to Characterize Steroids. <i>Analytical Chemistry</i> , 2018 , 90, 4616-4625	7.8	52
172	Trace determination of 10 beta-lactam antibiotics in environmental and food samples by capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 8355-61	4.5	52
171	Recent Developments and Applications of Chemiluminescence Sensors. <i>Critical Reviews in Analytical Chemistry</i> , 2000 , 30, 271-289	5.2	52
170	Salting-out assisted liquid-liquid extraction coupled to ultra-high performance liquid chromatography-tandem mass spectrometry for the determination of tetracycline residues in infant foods. <i>Food Chemistry</i> , 2017 , 221, 1763-1769	8.5	50
169	Determination of quinolones in fish by ultra-high performance liquid chromatography with fluorescence detection using QuEChERS as sample treatment. <i>Food Control</i> , 2015 , 50, 864-868	6.2	49
168	Sequential response surface methodology for multioptimization in analytical chemistry with three-variable Doehlert designs. <i>Analytica Chimica Acta</i> , 1997 , 348, 237-246	6.6	49
167	Analytical applications of photoinduced chemiluminescence in flow systems--a review. <i>Analytica Chimica Acta</i> , 2010 , 679, 17-30	6.6	48
166	Development of magnetic molecularly imprinted polymers for selective extraction: determination of citrinin in rice samples by liquid chromatography with UV diode array detection. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3033-42	4.4	47
165	Simple methodology for the determination of mycotoxins in pseudocereals, spelt and rice. <i>Food Control</i> , 2014 , 36, 94-101	6.2	47
164	Convenient solid phase extraction of cephalosporins in milk using a molecularly imprinted polymer. <i>Food Chemistry</i> , 2012 , 135, 775-9	8.5	47
163	Applications of capillary electrophoresis with chemiluminescence detection in clinical, environmental and food analysis. A review. <i>Analytica Chimica Acta</i> , 2016 , 913, 22-40	6.6	46
162	Determination of thiazinamium, promazine and promethazine in pharmaceutical formulations using a CZE method. <i>Analytica Chimica Acta</i> , 2005 , 535, 101-108	6.6	45
161	Development and validation of a capillary electrophoresis method for the determination of phenothiazines in human urine in the low nanogram per milliliter concentration range using field-amplified sample injection. <i>Electrophoresis</i> , 2005 , 26, 2418-29	3.6	45
160	QuEChERS-based method for the determination of carbamate residues in aromatic herbs by UHPLC-MS/MS. <i>Food Chemistry</i> , 2017 , 216, 334-41	8.5	44
159	Advances and analytical applications in chemiluminescence coupled to capillary electrophoresis. <i>Electrophoresis</i> , 2010 , 31, 1998-2027	3.6	44
158	Application of the restricted-access precolumn packing material alkyl-diols silica in a column-switching system for the determination of ketoprofen enantiomers in horse plasma. <i>Journal of Chromatography A</i> , 2000 , 871, 153-61	4.5	44
157	Chemiluminescence-based liquid chromatographic determination of hydrochlorothiazide and captopril. <i>Analytica Chimica Acta</i> , 1999 , 386, 257-264	6.6	44
156	Potential of Chemiluminescence and Bioluminescence in Organic Analysis. <i>Current Organic Chemistry</i> , 2002 , 6, 1-20	1.7	42

155	Method optimization and validation for the determination of eight sulfonamides in chicken muscle and eggs by modified QuEChERS and liquid chromatography with fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 261-266	3.5	42
154	Trace determination of sulfonylurea herbicides in water and grape samples by capillary zone electrophoresis using large volume sample stacking. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2593-601	4.4	41
153	Sensitive determination of fluoroquinolone residues in waters by capillary electrophoresis with laser-induced fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 1551-7	4.4	39
152	Capillary zone electrophoresis with diode-array detection for analysis of local anaesthetics and opium alkaloids in urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 833-6	3.2	38
151	Evaluation of a molecularly imprinted polymer as in-line concentrator in capillary electrophoresis. <i>Electrophoresis</i> , 2008 , 29, 3834-41	3.6	38
150	Novel solid phase extraction method for the analysis of 5-nitroimidazoles and metabolites in milk samples by capillary electrophoresis. <i>Food Chemistry</i> , 2014 , 145, 161-7	8.5	37
149	Capillary electrophoresis for the analysis of drugs of abuse in biological specimens of forensic interest. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 31, 85-95	14.6	37
148	Correction function on biased results due to matrix effects. <i>Analytica Chimica Acta</i> , 2003 , 478, 281-301	6.6	37
147	Large-volume sample stacking for the analysis of seven beta-lactam antibiotics in milk samples of different origins by CZE. <i>Electrophoresis</i> , 2007 , 28, 4082-90	3.6	36
146	Determination of phenothiazines in pharmaceutical formulations and human urine using capillary electrophoresis with chemiluminescence detection. <i>Electrophoresis</i> , 2006 , 27, 2348-59	3.6	36
145	Simple and efficient methodology to determine mycotoxins in cereal syrups. <i>Food Chemistry</i> , 2015 , 177, 274-9	8.5	35
144	Recent developments in chemiluminescence sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 1999 , 18, 384-391	14.6	35
143	On-line anion exchange solid-phase extraction coupled to liquid chromatography with fluorescence detection to determine quinolones in water and human urine. <i>Journal of Chromatography A</i> , 2013 , 1310, 91-7	4.5	33
142	Analysis of amino acids in latent fingerprint residue by capillary electrophoresis-mass spectrometry. <i>Journal of Separation Science</i> , 2012 , 35, 2994-9	3.4	33
141	Dispersive liquid-liquid microextraction prior to field-amplified sample injection for the sensitive analysis of 3,4-methylenedioxymethamphetamine, phencyclidine and lysergic acid diethylamide by capillary electrophoresis in human urine. <i>Journal of Chromatography A</i> , 2012 , 1267, 189-97	4.5	33
140	Detection in the liquid phase applying chemiluminescence. <i>Biomedical Chromatography</i> , 2000 , 14, 166-72	14.7	33
139	Vortex-assisted surfactant-enhanced emulsification liquid-liquid microextraction for the determination of carbamates in juices by micellar electrokinetic chromatography tandem mass spectrometry. <i>Talanta</i> , 2015 , 139, 174-80	6.2	32
138	Micellar-enhanced photochemically induced fluorescence detection of chlorophenoxyacid herbicides. Flow injection analysis of mecoprop and 2,4-dichlorophenoxyacetic acid. <i>Talanta</i> , 2001 , 55, 531-9	6.2	32

137	Sensitive determination of carbaryl in vegetal food and natural waters by flow-injection analysis based on the luminol chemiluminescence reaction. <i>Analytica Chimica Acta</i> , 2004 , 524, 161-166	6.6	31
136	Derivative spectrophotometric resolution of mixtures of the food colourants Tartrazine, Amaranth and Curcumin in a micellar medium. <i>Talanta</i> , 1996 , 43, 1019-27	6.2	31
135	Evaluation of hydrophilic interaction liquid chromatography-tandem mass spectrometry and extraction with molecularly imprinted polymers for determination of aminoglycosides in milk and milk-based functional foods. <i>Talanta</i> , 2017 , 171, 74-80	6.2	30
134	Comparison of different sample treatments for the analysis of ochratoxin A in wine by capillary HPLC with laser-induced fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 2987-94	4.4	30
133	Trends in the analytical applications of chemiluminescence in the liquid phase. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 165-9	4.4	30
132	Determination of the herbicide metribuzin and its major conversion products in soil by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2006 , 1102, 280-6	4.5	30
131	Dispersive liquid-liquid microextraction using a low density extraction solvent for the determination of 17 N-methylcarbamates by micellar electrokinetic chromatography-electrospray-mass spectrometry employing a volatile surfactant. <i>Journal of Chromatography A</i> , 2012 , 1247, 26-34	4.5	29
130	Large volume sample stacking in capillary zone electrophoresis for the monitoring of the degradation products of metribuzin in environmental samples. <i>Journal of Chromatography A</i> , 2007 , 1164, 320-8	4.5	29
129	Chemiluminescence determination of carbofuran at trace levels in lettuce and waters by flow-injection analysis. <i>Talanta</i> , 2005 , 65, 980-5	6.2	29
128	Optimizing analytical methods using sequential response surface methodology. Application to the parosaniline determination of formaldehyde. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 369, 715-8		29
127	Simple determination of aflatoxins in rice by ultra-high performance liquid chromatography coupled to chemical post-column derivatization and fluorescence detection. <i>Food Chemistry</i> , 2018 , 245, 189-195	8.5	28
126	Novel cation selective exhaustive injection-sweeping procedure for 5-nitroimidazole determination in waters by micellar electrokinetic chromatography using dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2014 , 1341, 65-72	4.5	28
125	Hollow-fiber liquid-phase microextraction combined with capillary HPLC for the selective determination of six sulfonylurea herbicides in environmental waters. <i>Journal of Separation Science</i> , 2013 , 36, 3395-401	3.4	28
124	Micellar electrokinetic chromatography-electrospray ionization mass spectrometry employing a volatile surfactant for the analysis of amino acids in human urine. <i>Electrophoresis</i> , 2013 , 34, 2615-22	3.6	28
123	Data analysis in the determination of stoichiometries and stability constants of complexes. <i>Analytical Sciences</i> , 2003 , 19, 1431-9	1.7	28
122	Advances in the application of chemiluminescence detection in liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 75, 35-48	14.6	27
121	Retention and selectivity of basic drugs on solid-phase extraction sorbents: application to direct determination of Eblockers in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4207-15	4.4	27
120	Multiresidue determination of penicillins in environmental waters and chicken muscle samples by means of capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2009 , 30, 1708-17	3.6	27

119	Derivatization of biomolecules for chemiluminescent detection in capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 793, 49-74	3.2	27
118	Validation of a new method based on salting-out assisted liquid-liquid extraction and UHPLC-MS/MS for the determination of betalactam antibiotics in infant dairy products. <i>Talanta</i> , 2017 , 167, 493-498	6.2	26
117	On-line preconcentration for the determination of aflatoxins in rice samples by micellar electrokinetic capillary chromatography with laser-induced fluorescence detection. <i>Electrophoresis</i> , 2010 , 31, 2180-5	3.6	26
116	Solid phase extraction as sample treatment for the determination of Ochratoxin A in foods: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 3405-3420	11.5	25
115	In-house validation of a rapid and efficient procedure for simultaneous determination of ergot alkaloids and other mycotoxins in wheat and maize. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 5567-5581	4.4	25
114	Optimization of a modified QuEChERS method for the determination of tetracyclines in fish muscle by UHPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 155, 27-32	3.5	25
113	Ultrasound-assisted surfactant-enhanced emulsification microextraction for the determination of carbamates in wines by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1315, 1-7	4.5	25
112	A new approach to a complete robustness test of experimental nominal conditions of chemical testing procedures for internal analytical quality assessment. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1998 , 41, 57-68	3.8	25
111	Determination of a N-methylcarbamate pesticide in environmental samples based on the application of photodecomposition and peroxyoxalate chemiluminescent detection. <i>Analytica Chimica Acta</i> , 2004 , 524, 235-240	6.6	24
110	High performance liquid chromatography post-column chemiluminescence determination of sulfonamide residues in milk at low concentration levels using bis[4-nitro-2-(3,6,9-trioxadecyloxy carbonyl)phenyl] oxalate as chemiluminescent reagent. <i>Journal of Chromatography A</i> , 2005 , 1095, 60-7	4.5	24
109	Occurrence of Mycotoxins in Swine Feeding from Spain. <i>Toxins</i> , 2019 , 11,	4.9	23
108	Ion-paired extraction of cephalosporins in acetone prior to their analysis by capillary liquid chromatography in environmental water and meat samples. <i>Talanta</i> , 2013 , 115, 943-9	6.2	23
107	Determination of tetracyclines in human urine samples by capillary electrophoresis in combination with field amplified sample injection. <i>Electrophoresis</i> , 2018 , 39, 608-615	3.6	23
106	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. <i>Analytica Chimica Acta</i> , 2018 , 1043, 52-63	6.6	23
105	Trace determination of tetracyclines in water samples by capillary zone electrophoresis combining off-line and on-line sample preconcentration. <i>Electrophoresis</i> , 2016 , 37, 1212-9	3.6	22
104	Use of an ionic liquid-based surfactant as pseudostationary phase in the analysis of carbamates by micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2015 , 36, 955-61	3.6	22
103	Application of an alkyl-diol silica precolumn in a column-switching system for the determination of meloxicam in plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 839-46	3.5	22
102	Chemiluminescence determination of amikacin based on the inhibition of the luminol reaction catalyzed by copper. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 36, 969-74	3.5	22

101	Multi-Mycotoxin Occurrence and Exposure Assessment Approach in Foodstuffs from Algeria. <i>Toxins</i> , 2020 , 12,	4.9	21
100	Spectrofluorimetric determination of boron in soils, plants and natural waters with Alizarin Red S. <i>Analyst, The</i> , 1992 , 117, 1189-91	5	21
99	Determination of benzimidazoles in meat samples by capillary zone electrophoresis tandem mass spectrometry following dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2017 , 1490, 212-219	4.5	20
98	Chemiluminescence determination of sulphadiazine in drugs by flow injection analysis using the peroxyoxalate reaction in micellar medium. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 46, 381-5	3.5	20
97	Aflatoxins in animal feeds: A straightforward and cost-effective analytical method. <i>Food Control</i> , 2015 , 54, 74-78	6.2	19
96	Determination of gentamicin in pharmaceutical formulations using peroxyoxalate chemiluminescent detection in flow-injection analysis. <i>Talanta</i> , 2006 , 69, 763-8	6.2	19
95	Determination of sulfonamides in serum by on-line solid-phase extraction coupled to liquid chromatography with photoinduced fluorescence detection. <i>Talanta</i> , 2015 , 138, 258-262	6.2	18
94	Multiresidue analysis of quinolones in water by ultra-high performance liquid chromatography with tandem mass spectrometry using a simple and effective sample treatment. <i>Journal of Separation Science</i> , 2014 , 37, 2145-52	3.4	18
93	Determination of Aflatoxins in Yogurt by Dispersive Liquid-Liquid Microextraction and HPLC with Photo-Induced Fluorescence Detection. <i>Food Analytical Methods</i> , 2017 , 10, 516-521	3.4	18
92	Analysis of cephalosporin residues in environmental waters by capillary zone electrophoresis with off-line and on-line preconcentration. <i>Analytical Methods</i> , 2012 , 4, 2341	3.2	18
91	Green and simple analytical method to determine benzimidazoles in milk samples by using salting-out assisted liquid-liquid extraction and capillary liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1091, 46-52	3.2	18
90	High-throughput determination of citrinin in rice by ultra-high-performance liquid chromatography and fluorescence detection (UHPLC-FL). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015 , 32, 1352-7	3.2	17
89	Simple and rapid determination of 5-nitroimidazoles and metabolites in fish roe samples by salting-out assisted liquid-liquid extraction and UHPLC-MS/MS. <i>Food Chemistry</i> , 2018 , 252, 294-302	8.5	17
88	Green methodology based on dispersive liquid-liquid microextraction and micellar electrokinetic chromatography for 5-nitroimidazole analysis in water samples. <i>Journal of Separation Science</i> , 2013 , 36, 3050-8	3.4	17
87	Determination of 5-nitroimidazole residues in milk by capillary electrochromatography with packed C18 silica beds. <i>Talanta</i> , 2015 , 144, 542-50	6.2	16
86	Capillary electrochromatography coupled with dispersive liquid-liquid microextraction for the analysis of benzimidazole residues in water samples. <i>Talanta</i> , 2016 , 161, 8-14	6.2	16
85	A new strategy for the chemiluminescent screening analysis of total N-methylcarbamate content in water. <i>Analytica Chimica Acta</i> , 2005 , 541, 111-116	6.6	16
84	Simultaneous spectrofluorimetric determination of traces of molybdenum and boron in plant leaves. <i>Analytica Chimica Acta</i> , 1993 , 283, 213-223	6.6	16

83	Evaluation of a new modified QuEChERS method for the monitoring of carbamate residues in high-fat cheeses by using UHPLC-MS/MS. <i>Journal of Separation Science</i> , 2017 , 40, 488-496	3.4	15
82	Aspergillus section Flavi and aflatoxins in dried figs and nuts in Algeria. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2018 , 11, 119-125	3.3	15
81	High-Performance Liquid Chromatography Method for the Monitoring of the Allium Derivative Propyl Propane Thiosulfonate Used as Natural Additive in Animal Feed. <i>Food Analytical Methods</i> , 2015 , 8, 916-921	3.4	15
80	Mycotoxin Analysis: New Proposals for Sample Treatment. <i>Advances in Chemistry</i> , 2014 , 2014, 1-12		15
79	Quantitative determination of p-aminosalicylic acid and its degradation product m-aminophenol in pellets by ion-pair high-performance liquid chromatography applying the monolithic Chromolith Speedrod RP-18e column. <i>Biomedical Chromatography</i> , 2004 , 18, 55-63	1.7	15
78	Use of highly efficient Draper-Lin small composite designs in the formal optimisation of both operational and chemical crucial variables affecting a FIA-chemiluminescence detection system. <i>Talanta</i> , 2003 , 60, 523-34	6.2	15
77	Flow injection analysis of oxymetazoline hydrochloride with inhibited chemiluminescent detection. <i>Analytica Chimica Acta</i> , 2004 , 516, 245-249	6.6	14
76	Microdialysis with on-line chemiluminescence detection for the study of nitric oxide release in rat brain following traumatic injury. <i>Analytica Chimica Acta</i> , 2001 , 428, 173-181	6.6	14
75	High-Throughput Methodology for the Determination of 33 Carbamates in Herbal Products by UHPLCMS/MS. <i>Food Analytical Methods</i> , 2015 , 8, 2059-2068	3.4	13
74	A high-throughput method for the determination of quinolones in different matrices by ultra-high performance liquid chromatography with fluorescence detection. <i>Analytical Methods</i> , 2015 , 7, 253-259	3.2	13
73	Determination of Aflatoxins in Plant-based Milk and Dairy Products by Dispersive Liquid-Liquid Microextraction and High-performance Liquid Chromatography with Fluorescence Detection. <i>Analytical Letters</i> , 2019 , 52, 363-372	2.2	13
72	Determination of Fusarium toxins in functional vegetable milks applying salting-out-assisted liquid-liquid extraction combined with ultra-high-performance liquid chromatography tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017 , 34, 2022-2031	3.2	13
71	Determination of 5-nitroimidazoles and metabolites in environmental samples by micellar electrokinetic chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 297-305	4.4	13
70	Miniaturization of capillary electrophoresis systems using micromachining techniques. <i>Journal of Separation Science</i> , 1998 , 10, 339-355		13
69	Applying non-parametric statistical methods to the classical measurements of inclusion complex binding constants. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 375, 414-23	4.4	13
68	Determination of albumin in biological fluids by flow injection analysis using the peroxyoxalate chemiluminescent system in micellar medium. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 377, 281-6	4.4	13
67	Optimization of the chiral separation of some 2-arylpropionic acids on an avidin column by modeling a combined response. <i>Chirality</i> , 2001 , 13, 556-67	2.1	13
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