

# Ana M Garca-Campaa

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3923701/ana-m-garcia-campana-publications-by-year.pdf>

**Version:** 2024-04-20

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.

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	Multiclass cyanotoxin analysis in reservoir waters: Tandem solid-phase extraction followed by zwitterionic hydrophilic interaction liquid chromatography-mass spectrometry. <i>Talanta</i> , <b>2022</b> , 237, 1229-1239	6.2	3
207	Sweeping-micellar electrokinetic chromatography with tandem mass spectrometry as an alternative methodology to determine neonicotinoid and boscalid residues in pollen and honeybee samples.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1672, 463023	4.5	2
206	Chemical Food Safety Applications of Capillary Electrophoresis Methodologies. <i>Current and Future Developments in Food Science</i> , <b>2022</b> , 388-449	1	
205	Determination of principal ergot alkaloids in swine feeding. <i>Journal of the Science of Food and Agriculture</i> , <b>2021</b> , 101, 5214-5224	4.3	3
204	Occurrence of Ergot Alkaloids in Barley and Wheat from Algeria. <i>Toxins</i> , <b>2021</b> , 13,	4.9	1
203	A novel approach based on capillary liquid chromatography for the simultaneous determination of neonicotinoid residues in cereal samples. <i>Microchemical Journal</i> , <b>2021</b> , 161, 105756	4.8	1
202	A natural deep eutectic solvent as a novel dispersive solvent in dispersive liquid-liquid microextraction based on solidification of floating organic droplet for the determination of pesticide residues. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 6413-6424	4.4	7
201	Simple and efficient method for the determination of fipronil and two main metabolites in eggs by capillary liquid chromatography. <i>Microchemical Journal</i> , <b>2021</b> , 169, 106595	4.8	0
200	Multi-Mycotoxin Occurrence and Exposure Assessment Approach in Foodstuffs from Algeria. <i>Toxins</i> , <b>2020</b> , 12,	4.9	21
199	Effect of Allium Extract Supplementation on Egg Quality, Productivity, and Intestinal Microbiota of Laying Hens. <i>Animals</i> , <b>2020</b> , 11,	3.1	5
198	Determination of sulfonylurea pesticide residues in edible seeds used as nutraceuticals by QuEChERS in combination with ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2020</b> , 1617, 460831	4.5	7
197	A first approach using micellar electrokinetic capillary chromatography for the determination of fipronil and fipronil-sulfone in eggs. <i>Electrophoresis</i> , <b>2020</b> , 41, 202-208	3.6	3
196	Micellar electrokinetic chromatography as efficient alternative for the multiresidue determination of seven neonicotinoids and 6-chloronicotinic acid in environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 6231-6240	4.4	7
195	Trends in Multiresidue Analysis <b>2020</b> , 1-48		
194	Capillary liquid chromatography as an effective method for the determination of seven neonicotinoid residues in honey samples. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 3847-3855	3.4	3
193	Plant-based milks: unexplored source of emerging mycotoxins. A proposal for the control of enniatins and beauvericin using UHPLC-MS/MS. <i>Food Additives and Contaminants: Part B Surveillance</i> , <b>2019</b> , 12, 296-302	3.3	6
192	Screening of extraction properties of nanofibers in a sequential injection analysis system using a 3D printed device. <i>Talanta</i> , <b>2019</b> , 197, 517-521	6.2	7

191	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> , <b>2019</b> , 52, 363-372	2.2	13
190	Monitoring of cyanotoxins in water from hypersaline microalgae colonies by ultra high performance liquid chromatography with diode array and tandem mass spectrometry detection following salting-out liquid-liquid extraction. <i>Journal of Chromatography A</i> , <b>2019</b> , 1608, 460409	4.5	9
189	Ion Mobility Spectrometry in Food Analysis: Principles, Current Applications and Future Trends. <i>Molecules</i> , <b>2019</b> , 24,	4.8	64
188	Occurrence of Mycotoxins in Swine Feeding from Spain. <i>Toxins</i> , <b>2019</b> , 11,	4.9	23
187	Effects of different vehiculization strategies for the allium derivative propyl propane thiosulfonate during dynamic simulation of the pig gastrointestinal tract. <i>Canadian Journal of Animal Science</i> , <b>2019</b> , 99, 244-253	0.9	8
186	Ultra-high performance liquid chromatography with fluorescence detection following salting-out assisted liquid-liquid extraction for the analysis of benzimidazole residues in farm fish samples. <i>Journal of Chromatography A</i> , <b>2018</b> , 1543, 58-66	4.5	8
185	Aspergillus section Flavi and aflatoxins in dried figs and nuts in Algeria. <i>Food Additives and Contaminants: Part B Surveillance</i> , <b>2018</b> , 11, 119-125	3.3	15
184	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> , <b>2018</b> , 410, 5567-5581	4.4	25
183	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> , <b>2018</b> , 155, 27-32	3.5	25
182	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> , <b>2018</b> , 252, 294-302	8.5	17
181	Collision Cross Section (CCS) Database: An Additional Measure to Characterize Steroids. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 4616-4625	7.8	52
180	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> , <b>2018</b> , 245, 189-195	8.5	28
179	Food Safety Applications of Capillary Electromigration Methods <b>2018</b> , 511-545		3
178	Determination of tetracyclines in human urine samples by capillary electrophoresis in combination with field amplified sample injection. <i>Electrophoresis</i> , <b>2018</b> , 39, 608-615	3.6	23
177	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1043, 52-63	6.6	23
176	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> , <b>2018</b> , 1091, 46-52	3.2	18
175	Development and validation of a QuEChERS method for the analysis of 5-nitroimidazole traces in infant milk-based samples by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2018</b> , 1562, 36-46	4.5	9
174	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> , <b>2017</b> , 57, 3405-3420	11.5	25

173	Determination of benzimidazoles in meat samples by capillary zone electrophoresis tandem mass spectrometry following dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2017</b> , 1490, 212-219	4.5	20
172	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> , <b>2017</b> , 167, 493-498	6.2	26
171	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> , <b>2017</b> , 171, 74-80	6.2	30
170	Evaluation of a Selective Approach for the Determination of 5-Nitroimidazoles in Aquaculture Products by Capillary Liquid Chromatography Using Molecularly Imprinted Solid-Phase Extraction. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 3647-3657	3.4	4
169	High-Throughput Methodology for the Determination of Carbamates in Food Supplements by UHPLC-MS/MS. <i>Chromatographia</i> , <b>2017</b> , 80, 63-70	2.1	8
168	Capillary electrophoresis-tandem mass spectrometry combined with molecularly imprinted solid phase extraction as useful tool for the monitoring of 5-nitroimidazoles and their metabolites in urine samples. <i>Talanta</i> , <b>2017</b> , 163, 111-120	6.2	11
167	Use of Onion Extract as a Dairy Cattle Feed Supplement: Monitoring Propyl Propane Thiosulfonate as a Marker of Its Effect on Milk Attributes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 793-799	5.7	12
166	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> , <b>2017</b> , 40, 488-496	3.4	15
165	Fully compatible and ultra-sensitive micellar electrokinetic chromatography-tandem mass spectrometry using sheathless porous-tip interfacing. <i>Journal of Chromatography A</i> , <b>2017</b> , 1524, 283-289	4.5	7
164	A high-throughput UHPLC method for the analysis of 5-nitroimidazole residues in milk based on salting-out assisted liquid-liquid extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1068-1069, 125-130	3.2	11
163	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> , <b>2017</b> , 34, 2033-2041	3.2	13
162	Review of Sample Treatments and the State-of-the-art of Analytical Techniques for Mycotoxins in Food <b>2017</b> , 51-102		3
161	Coupling sweeping-micellar electrokinetic chromatography with tandem mass spectrometry for the therapeutic monitoring of benzimidazoles in animal urine by dilute and shoot. <i>Talanta</i> , <b>2017</b> , 175, 542-549	6.2	11
160	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> , <b>2017</b> , 1510, 100-107	4.5	62
159	Characterization of Carbamate Pesticides in Natural Water from Cameroon. <i>Analytical Letters</i> , <b>2017</b> , 50, 1397-1409	2.2	4
158	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> , <b>2017</b> , 221, 1763-1769	8.5	50
157	QuEChERS-based method for the determination of carbamate residues in aromatic herbs by UHPLC-MS/MS. <i>Food Chemistry</i> , <b>2017</b> , 216, 334-41	8.5	44
156	Determination of Aflatoxins in Yogurt by Dispersive Liquid-Liquid Microextraction and HPLC with Photo-Induced Fluorescence Detection. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 516-521	3.4	18

155	Capillary electrochromatography coupled with dispersive liquid-liquid microextraction for the analysis of benzimidazole residues in water samples. <i>Talanta</i> , <b>2016</b> , 161, 8-14	6.2	16
154	A rapid and simple UHPLC-ESI-MS/MS method for the screening of propyl propane thiosulfonate, a new additive for animal feed. <i>Analytical Methods</i> , <b>2016</b> , 8, 3730-3739	3.2	10
153	Trace determination of tetracyclines in water samples by capillary zone electrophoresis combining off-line and on-line sample preconcentration. <i>Electrophoresis</i> , <b>2016</b> , 37, 1212-9	3.6	22
152	Advances in the application of chemiluminescence detection in liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 75, 35-48	14.6	27
151	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> , <b>2016</b> , 408, 3033-42	4.4	47
150	Applications of capillary electrophoresis with chemiluminescence detection in clinical, environmental and food analysis. A review. <i>Analytica Chimica Acta</i> , <b>2016</b> , 913, 22-40	6.6	46
149	Ergot Alkaloids: Chemistry, Biosynthesis, Bioactivity, and Methods of Analysis <b>2016</b> , 1-43		3
148	Evaluation of the combination of micellar electrokinetic capillary chromatography with sweeping and cation selective exhaustive injection for the determination of 5-nitroimidazoles in egg samples. <i>Food Chemistry</i> , <b>2016</b> , 213, 215-222	8.5	9
147	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> , <b>2016</b> , 124, 261-266	3.5	42
146	High-Throughput Methodology for the Determination of 33 Carbamates in Herbal Products by UHPLCMS/MS. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 2059-2068	3.4	13
145	Determination of sulfonamides in serum by on-line solid-phase extraction coupled to liquid chromatography with photoinduced fluorescence detection. <i>Talanta</i> , <b>2015</b> , 138, 258-262	6.2	18
144	Determination of 5-nitroimidazole residues in milk by capillary electrochromatography with packed C18 silica beds. <i>Talanta</i> , <b>2015</b> , 144, 542-50	6.2	16
143	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> , <b>2015</b> , 32, 1352-7	3.2	17
142	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> , <b>2015</b> , 139, 174-80	6.2	32
141	Determination of aminoglycosides in honey by capillary electrophoresis tandem mass spectrometry and extraction with molecularly imprinted polymers. <i>Analytica Chimica Acta</i> , <b>2015</b> , 891, 321-8	6.6	92
140	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> , <b>2015</b> , 7, 253-259	3.2	13
139	Determination of quinolones in fish by ultra-high performance liquid chromatography with fluorescence detection using QuEChERS as sample treatment. <i>Food Control</i> , <b>2015</b> , 50, 864-868	6.2	49
138	Vortex-assisted ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonylurea herbicides in wine samples by capillary high-performance liquid chromatography. <i>Food Chemistry</i> , <b>2015</b> , 170, 348-53	8.5	61

137	Trends in Multiresidue Analysis <b>2015</b> , 1-39		3
136	Use of an ionic liquid-based surfactant as pseudostationary phase in the analysis of carbamates by micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>2015</b> , 36, 955-61	3.6	22
135	Capillary electrochromatography-mass spectrometry for the determination of 5-nitroimidazole antibiotics in urine samples. <i>Electrophoresis</i> , <b>2015</b> , 36, 2606-15	3.6	11
134	Development of an ultrasensitive stacking technique for 5-nitroimidazole determination in untreated biological fluids by micellar electrokinetic chromatography. <i>Electrophoresis</i> , <b>2015</b> , 36, 2538-41	3.6	5
133	On-line preconcentration strategy for the simultaneous quantification of three local anesthetics in human urine using CZE. <i>Electrophoresis</i> , <b>2015</b> , 36, 2961-7	3.6	4
132	Aflatoxins in animal feeds: A straightforward and cost-effective analytical method. <i>Food Control</i> , <b>2015</b> , 54, 74-78	6.2	19
131	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> , <b>2015</b> , 8, 916-921	3.4	15
130	Ultrasensitive analysis of lysergic acid diethylamide and its C-8 isomer in hair by capillary zone electrophoresis in combination with a stacking technique and laser induced fluorescence detection. <i>Analytica Chimica Acta</i> , <b>2015</b> , 866, 90-98	6.6	8
129	Simple and efficient methodology to determine mycotoxins in cereal syrups. <i>Food Chemistry</i> , <b>2015</b> , 177, 274-9	8.5	35
128	Novel solid phase extraction method for the analysis of 5-nitroimidazoles and metabolites in milk samples by capillary electrophoresis. <i>Food Chemistry</i> , <b>2014</b> , 145, 161-7	8.5	37
127	Alternative sample treatments for the determination of sulfonamides in milk by HPLC with fluorescence detection. <i>Food Chemistry</i> , <b>2014</b> , 143, 459-64	8.5	68
126	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> , <b>2014</b> , 1360, 1-8	4.5	56
125	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> , <b>2014</b> , 37, 2145-52	3.4	18
124	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> , <b>2014</b> , 127, 51-8	6.2	56
123	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> , <b>2014</b> , 1341, 65-72	4.5	28
122	Simple methodology for the determination of mycotoxins in pseudocereals, spelt and rice. <i>Food Control</i> , <b>2014</b> , 36, 94-101	6.2	47
121	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> , <b>2014</b> , 128, 299-304	6.2	69
120	Retention and selectivity of basic drugs on solid-phase extraction sorbents: application to direct determination of $\beta$ -blockers in urine. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 4207-15	4.4	27

119	Mycotoxin Analysis: New Proposals for Sample Treatment. <i>Advances in Chemistry</i> , <b>2014</b> , 2014, 1-12		15
118	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> , <b>2013</b> , 36, 3050-8	3.4	17
117	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> , <b>2013</b> , 1315, 1-7	4.5	25
116	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> , <b>2013</b> , 36, 3395-401	3.4	28
115	Dispersive Liquid-Liquid Microextraction Followed by Capillary High-Performance Liquid Chromatography for the Determination of Six Sulfonylurea Herbicides in Fruit Juices. <i>Food Analytical Methods</i> , <b>2013</b> , 7, 1465	3.4	4
114	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> , <b>2013</b> , 1310, 91-7	4.5	33
113	Ion-paired extraction of cephalosporins in acetone prior to their analysis by capillary liquid chromatography in environmental water and meat samples. <i>Talanta</i> , <b>2013</b> , 115, 943-9	6.2	23
112	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> , <b>2013</b> , 1282, 11-9	4.5	96
111	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> , <b>2013</b> , 115, 61-7	6.2	85
110	Evaluation of dispersive liquid-liquid microextraction for the determination of patulin in apple juices using micellar electrokinetic capillary chromatography. <i>Food Control</i> , <b>2013</b> , 31, 353-358	6.2	53
109	Mass Spectrometric and Contactless Conductivity Detection Approaches in the Determination of Muscle Relaxants by Capillary Electrophoresis. <i>Analytical Letters</i> , <b>2013</b> , 46, 2165-2179	2.2	4
108	Micellar electrokinetic chromatography-electrospray ionization mass spectrometry employing a volatile surfactant for the analysis of amino acids in human urine. <i>Electrophoresis</i> , <b>2013</b> , 34, 2615-22	3.6	28
107	Capillary electrophoresis for the analysis of drugs of abuse in biological specimens of forensic interest. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 31, 85-95	14.6	37
106	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> , <b>2012</b> , 93, 193-9	6.2	59
105	Advances in the determination of $\beta$ -lactam antibiotics by liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 38, 52-66	14.6	65
104	Determination of ochratoxin A in wines by capillary liquid chromatography with laser induced fluorescence detection using dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , <b>2012</b> , 135, 368-72	8.5	68
103	Convenient solid phase extraction of cephalosporins in milk using a molecularly imprinted polymer. <i>Food Chemistry</i> , <b>2012</b> , 135, 775-9	8.5	47
102	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> , <b>2012</b> , 1217, 26-31	4.5	29

101	Analysis of amino acids in latent fingerprint residue by capillary electrophoresis-mass spectrometry. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 2994-9	3.4	33
100	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> , <b>2012</b> , 1267, 189-97	4.5	33
99	Analysis of cephalosporin residues in environmental waters by capillary zone electrophoresis with off-line and on-line preconcentration. <i>Analytical Methods</i> , <b>2012</b> , 4, 2341	3.2	18
98	Determination of 5-nitroimidazoles and metabolites in environmental samples by micellar electrokinetic chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 297-305	4.4	13
97	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> , <b>2011</b> , 400, 1329-38	4.4	66
96	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> , <b>2011</b> , 401, 2987-94	4.4	30
95	Determination of carbamates at trace levels in water and cucumber by capillary liquid chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2011</b> , 91, 1329-1340	1.8	9
94	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> , <b>2011</b> , 1218, 4966-71	4.5	56
93	Peroxyoxalate Photoinduced Chemiluminescence Detection of Norfloxacin in Pharmaceutical Products by Flow Injection Analysis. <i>Analytical Letters</i> , <b>2010</b> , 43, 2399-2410	2.2	8
92	Sensitive determination of fluoroquinolone residues in waters by capillary electrophoresis with laser-induced fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 396, 1551-7	4.4	39
91	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> , <b>2010</b> , 397, 2593-601	4.4	41
90	Advances and analytical applications in chemiluminescence coupled to capillary electrophoresis. <i>Electrophoresis</i> , <b>2010</b> , 31, 1998-2027	3.6	44
89	On-line preconcentration for the determination of aflatoxins in rice samples by micellar electrokinetic capillary chromatography with laser-induced fluorescence detection. <i>Electrophoresis</i> , <b>2010</b> , 31, 2180-5	3.6	26
88	Analytical applications of photoinduced chemiluminescence in flow systems--a review. <i>Analytica Chimica Acta</i> , <b>2010</b> , 679, 17-30	6.6	48
87	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> , <b>2010</b> , 1217, 2237-42	4.5	79
86	Multiresidue determination of penicillins in environmental waters and chicken muscle samples by means of capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , <b>2009</b> , 30, 1708-17	3.6	27
85	Chemiluminescence detection in liquid chromatography: applications to clinical, pharmaceutical, environmental and food analysis--a review. <i>Analytica Chimica Acta</i> , <b>2009</b> , 640, 7-28	6.6	138
84	Applications of capillary electrophoresis to the determination of antibiotics in food and environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 395, 967-86	4.4	74



83	Determination of sulfonamide residues in water samples by in-line solid-phase extraction-capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 3372-9	4.5	58
82	Chemiluminescence detection coupled to capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2009</b> , 28, 973-986	14.6	54
81	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> , <b>2009</b> , 877, 833-6	3.2	38
80	Trace determination of 10 beta-lactam antibiotics in environmental and food samples by capillary liquid chromatography. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 8355-61	4.5	52
79	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> , <b>2008</b> , 630, 194-204	6.6	58
78	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> , <b>2008</b> , 29, 2117-25	3.6	56
77	Evaluation of a molecularly imprinted polymer as in-line concentrator in capillary electrophoresis. <i>Electrophoresis</i> , <b>2008</b> , 29, 3834-41	3.6	38
76	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> , <b>2008</b> , 46, 381-5	3.5	20
75	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> , <b>2008</b> , 1185, 273-80	4.5	63
74	LIF detection of peptides and proteins in CE. <i>Electrophoresis</i> , <b>2007</b> , 28, 208-32	3.6	84
73	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> , <b>2007</b> , 28, 4164-72	3.6	67
72	Large-volume sample stacking for the analysis of seven beta-lactam antibiotics in milk samples of different origins by CZE. <i>Electrophoresis</i> , <b>2007</b> , 28, 4082-90	3.6	36
71	Applications of capillary electrophoresis in forensic analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2007</b> , 26, 215-226	14.6	61
70	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> , <b>2007</b> , 1164, 320-8	4.5	29
69	Trends in the analytical applications of chemiluminescence in the liquid phase. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 165-9	4.4	30
68	Establishment of signal-recovery functions for calculation of recovery factor. Application to monitoring of contaminant residues in vegetables by chemiluminescence detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 384, 295-301	4.4	6
67	Determination of phenothiazines in pharmaceutical formulations and human urine using capillary electrophoresis with chemiluminescence detection. <i>Electrophoresis</i> , <b>2006</b> , 27, 2348-59	3.6	36
66	Application of capillary zone electrophoresis with large-volume sample stacking to the sensitive determination of sulfonamides in meat and ground water. <i>Electrophoresis</i> , <b>2006</b> , 27, 4060-8	3.6	53

65	Multiresidue method for the determination of quinolone antibiotics in bovine raw milk by capillary electrophoresis-tandem mass spectrometry. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 7665-73	7.8	126
64	Determination of gentamicin in pharmaceutical formulations using peroxyoxalate chemiluminescent detection in flow-injection analysis. <i>Talanta</i> , <b>2006</b> , 69, 763-8	6.2	19
63	Determination of the herbicide metribuzin and its major conversion products in soil by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>2006</b> , 1102, 280-6	4.5	30
62	Chemiluminescence determination of carbofuran at trace levels in lettuce and waters by flow-injection analysis. <i>Talanta</i> , <b>2005</b> , 65, 980-5	6.2	29
61	Setting up of recovery profiles: A tool to perform the compliance with recovery requirements for residue analysis. <i>Talanta</i> , <b>2005</b> , 66, 1063-72	6.2	10
60	Chemiluminescence determination of amikacin based on the inhibition of the luminol reaction catalyzed by copper. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 36, 969-74	3.5	22
59	Analysis of pesticides by chemiluminescence detection in the liquid phase. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2005</b> , 24, 927-942	14.6	89
58	A new strategy for the chemiluminescent screening analysis of total N-methylcarbamate content in water. <i>Analytica Chimica Acta</i> , <b>2005</b> , 541, 111-116	6.6	16
57	Determination of thiazinamium, promazine and promethazine in pharmaceutical formulations using a CZE method. <i>Analytica Chimica Acta</i> , <b>2005</b> , 535, 101-108	6.6	45
56	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> , <b>2005</b> , 1095, 69-73	4.5	24
55	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> , <b>2005</b> , 26, 2418-29	3.6	45
54	Recent developments in nanomaterial optical sensors. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2004</b> , 23, 351-360	14.6	144
53	Internal quality-control and laboratory-management tools for enhancing the stability of results in pesticide multi-residue analytical methods. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2004</b> , 23, 361-369	14.6	8
52	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> , <b>2004</b> , 18, 55-63	1.7	15
51	Potential of the luminol reaction in the sensitive detection of pesticide residues by flow injection analysis. <i>Luminescence</i> , <b>2004</b> , 19, 222-4	2.5	6
50	Flow injection analysis of oxymetazoline hydrochloride with inhibited chemiluminescent detection. <i>Analytica Chimica Acta</i> , <b>2004</b> , 516, 245-249	6.6	14
49	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> , <b>2004</b> , 524, 161-166	6.6	31
48	Determination of a N-methylcarbamate pesticide in environmental samples based on the application of photodecomposition and peroxyoxalate chemiluminescent detection. <i>Analytica Chimica Acta</i> , <b>2004</b> , 524, 235-240	6.6	24

47	Data analysis in the determination of stoichiometries and stability constants of complexes. <i>Analytical Sciences</i> , <b>2003</b> , 19, 1431-9	1.7	28
46	Applying non-parametric statistical methods to the classical measurements of inclusion complex binding constants. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 375, 414-23	4.4	13
45	Determination of albumin in biological fluids by flow injection analysis using the peroxyoxalate chemiluminescent system in micellar medium. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 377, 281-6	4.4	13
44	An overview of qualimetric strategies for optimisation and calibration in pharmaceutical analysis using flow injection techniques. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 377, 863-74	4.4	7
43	Investigation of the chiral separation of cisapride on Chiralcel OJ and OJ-R columns. <i>Analytica Chimica Acta</i> , <b>2003</b> , 498, 9-24	6.6	5
42	Correction function on biased results due to matrix effects. <i>Analytica Chimica Acta</i> , <b>2003</b> , 478, 281-301	6.6	37
41	Comparison of morphine and hydromorphone analysis on reversed phase columns with different diameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 32, 913-20	3.5	2
40	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> , <b>2003</b> , 32, 839-46	3.5	22
39	Derivatization of biomolecules for chemiluminescent detection in capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2003</b> , 793, 49-74	3.2	27
38	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> , <b>2003</b> , 60, 523-34	6.2	15
37	Simultaneous quantification of chlorophenoxyacid herbicides based on time-resolved photochemical derivatization to induce fluorescence in micellar medium. <i>Talanta</i> , <b>2003</b> , 60, 355-67	6.2	8
36	Potential of Chemiluminescence and Bioluminescence in Organic Analysis. <i>Current Organic Chemistry</i> , <b>2002</b> , 6, 1-20	1.7	42
35	Evaluating the significance threshold in robustness testing. A critical discussion on the influence of time in molecular fluorescence spectrometry. <i>Talanta</i> , <b>2002</b> , 56, 123-136	6.2	7
34	Evaluating the significance threshold in robustness testing. A critical discussion on the influence of time in molecular fluorescence spectrometry. <i>Talanta</i> , <b>2002</b> , 56, 123-36	6.2	
33	Optimizing analytical methods using sequential response surface methodology. Application to the pararosanine determination of formaldehyde. <i>Fresenius Journal of Analytical Chemistry</i> , <b>2001</b> , 369, 715-8		29
32	Optimization of the chiral separation of some 2-arylpropionic acids on an avidin column by modeling a combined response. <i>Chirality</i> , <b>2001</b> , 13, 556-67	2.1	13
31	Microdialysis with on-line chemiluminescence detection for the study of nitric oxide release in rat brain following traumatic injury. <i>Analytica Chimica Acta</i> , <b>2001</b> , 428, 173-181	6.6	14
30	Non-ionic micellar solubilization $\beta$ -spectrofluorimetric determination of trace of germanium(IV) with quercetin in real samples. <i>Analytica Chimica Acta</i> , <b>2001</b> , 447, 219-228	6.6	13

29	Micellar-enhanced photochemically induced fluorescence detection of chlorophenoxyacid herbicides. Flow injection analysis of mecoprop and 2,4-dichlorophenoxyacetic acid. <i>Talanta</i> , <b>2001</b> , 55, 531-9	6.2	32
28	Validation of trueness using added samples as reference materials in HPLC methods. Application in quality control of the synthesis of D-alpha-p-hydroxyphenylglycine. <i>Biomedical Chromatography</i> , <b>2000</b> , 14, 22-6	1.7	0
27	A framework for in-house accuracy validation of analytical procedures. <i>Biomedical Chromatography</i> , <b>2000</b> , 14, 27-9	1.7	6
26	Detection in the liquid phase applying chemiluminescence. <i>Biomedical Chromatography</i> , <b>2000</b> , 14, 166-72	1.7	33
25	Application of the restricted-access precolumn packing material alkyl-diol silica in a column-switching system for the determination of ketoprofen enantiomers in horse plasma. <i>Journal of Chromatography A</i> , <b>2000</b> , 871, 153-61	4.5	44
24	Recent Developments and Applications of Chemiluminescence Sensors. <i>Critical Reviews in Analytical Chemistry</i> , <b>2000</b> , 30, 271-289	5.2	52
23	The Solvent Influence on the Fluorescence Behaviour of the Lithium-Tetracycline System. <i>Spectroscopy Letters</i> , <b>1999</b> , 32, 73-82	1.1	3
22	Recent developments in chemiluminescence sensors. <i>TrAC - Trends in Analytical Chemistry</i> , <b>1999</b> , 18, 384-391	1.7	35
21	Chemiluminescence-based liquid chromatographic determination of hydrochlorothiazide and captopril. <i>Analytica Chimica Acta</i> , <b>1999</b> , 386, 257-264	6.6	44
20	Direct HPLC analysis of ketoprofen in horse plasma applying an ADS-restricted access-phase. <i>Biomedical Chromatography</i> , <b>1999</b> , 13, 450-4	1.7	6
19	Narrow-bore liquid chromatography coupled to chemiluminescence detection for the analysis of pharmaceutical preparations containing hydrochlorothiazide and captopril. <i>Biomedical Chromatography</i> , <b>1998</b> , 12, 160-1	1.7	10
18	Narrow-bore reversed-phase liquid chromatography of metronidazole benzoate and its hydrolysis products. <i>Biomedical Chromatography</i> , <b>1998</b> , 12, 164-6	1.7	7
17	Trends towards sensitive detection in capillary electrophoresis: an overview of some recent developments. <i>Biomedical Chromatography</i> , <b>1998</b> , 12, 172-6	1.7	4
16	A first and straightforward approach to detection limits for narrow-bore HPLC and CE. <i>Biomedical Chromatography</i> , <b>1998</b> , 12, 177-8	1.7	12
15	Miniaturization of capillary electrophoresis systems using micromachining techniques. <i>Journal of Separation Science</i> , <b>1998</b> , 10, 339-355		13
14	Ensuring both normality and homocedasticity of chromatographic data-ratios for internal-standard least-squares calibration. <i>Chromatographia</i> , <b>1998</b> , 47, 550-556	2.1	6
13	Chemiluminescence-based detection: principles and analytical applications in flowing streams and in immunoassays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1998</b> , 17, 941-53	3.5	93
12	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> , <b>1998</b> , 41, 57-68	3.8	25

11	Effect of cationic micelles on the formation of the complex oxalate-Alizarin Red S <sup>Zr(IV)</sup> : Application to the sensitive fluorescence determination of oxalate ion. <i>Talanta</i> , <b>1998</b> , 47, 387-399	6.2	12
10	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> , <b>1997</b> , 16, 381-385	14.6	71
9	Sequential response surface methodology for multioptimization in analytical chemistry with three-variable Doehlert designs. <i>Analytica Chimica Acta</i> , <b>1997</b> , 348, 237-246	6.6	49
8	Derivative spectrophotometric resolution of mixtures of the food colourants Tartrazine, Amaranth and Curcumin in a micellar medium. <i>Talanta</i> , <b>1996</b> , 43, 1019-27	6.2	31
7	Statistical Estimation of Linear Calibration Range. <i>Analytical Letters</i> , <b>1996</b> , 29, 1231-1239	2.2	60
6	Sensitive Spectrofluorometric Determination of Vanadium with Sodium 1,2-Dihydroxyanthraquinone-3-sulfonate in Cationic Micellar Medium.. <i>Analytical Sciences</i> , <b>1996</b> , 12, 647-651	1.7	4
5	Sensitive spectrofluorimetric method for the determination of ethylenediaminetetraacetic acid and its salts in foods with zirconium ions and Alizarin Red S in a micellar medium. <i>Analytica Chimica Acta</i> , <b>1996</b> , 329, 319-325	6.6	12
4	Spectrofluorimetric determination of molybdenum in vegetal tissues and a pharmaceutical compound with Alizarin Red S in micellar medium. <i>Analyst, The</i> , <b>1994</b> , 119, 1903-1906	5	5
3	Simultaneous spectrofluorimetric determination of traces of molybdenum and boron in plant leaves. <i>Analytica Chimica Acta</i> , <b>1993</b> , 283, 213-223	6.6	16
2	Spectrofluorimetric determination of boron in soils, plants and natural waters with Alizarin Red S. <i>Analyst, The</i> , <b>1992</b> , 117, 1189-91	5	21
1	Chemiluminescence in Analytical Chemistry		123