

Pilar Vias

List of Publications by Year in Descending Order

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

207
papers

5,062
citations

38
h-index

56
g-index

209
ext. papers

5,520
ext. citations

5
avg, IF

5.72
L-index

#	Paper	IF	Citations
207	Ion mobility spectrometry as an emerging tool for characterization of the volatile profile and identification of microbial growth in pomegranate juice. <i>Microchemical Journal</i> , 2022 , 174, 107099	4.8	0
206	Non-targeted analysis by DLLME-GC-MS for the monitoring of pollutants in the Mar Menor lagoon. <i>Chemosphere</i> , 2022 , 286, 131588	8.4	3
205	Nucleobases, Nucleosides and Nucleotides Determination in Yeasts Isolated from Extreme Environments. <i>Chromatographia</i> , 2022 , 85, 353-363	2.1	0
204	Authentication of recycled plastic content in water bottles using volatile fingerprint and chemometrics.. <i>Chemosphere</i> , 2022 , 297, 134156	8.4	2
203	Ultrasound Assisted Extraction Approach to Test the Effect of Elastic Rubber Nettings on the N-Nitrosamines Content of Ham Meat Samples. <i>Foods</i> , 2021 , 10,	4.9	1
202	Portable Raman Spectrometer as a Screening Tool for Characterization of Iberian Dry-Cured Ham. <i>Foods</i> , 2021 , 10,	4.9	1
201	Cellulose-ferrite nanocomposite for monitoring enniatins and beauvericins in paprika by liquid chromatography and high-resolution mass spectrometry. <i>Talanta</i> , 2021 , 226, 122144	6.2	3
200	Occurrence of Organochlorine Pesticides in Human Tissues Assessed Using a Microextraction Procedure and Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 84-92	2.9	3
199	Targeted and untargeted gas chromatography-mass spectrometry analysis of honey samples for determination of migrants from plastic packages. <i>Food Chemistry</i> , 2021 , 334, 127547	8.5	7
198	Development of a new methodology for the determination of N-nitrosamines impurities in ranitidine pharmaceuticals using microextraction and gas chromatography-mass spectrometry. <i>Talanta</i> , 2021 , 223, 121659	6.2	9
197	Monitoring Lipophilic Toxins in Seawater Using Dispersive Liquid-Liquid Microextraction and Liquid Chromatography with Triple Quadrupole Mass Spectrometry. <i>Toxins</i> , 2021 , 13,	4.9	2
196	Toward Nitrite-Free Curing: Evaluation of a New Approach to Distinguish Real Uncured Meat from Cured Meat Made with Nitrite. <i>Foods</i> , 2021 , 10,	4.9	3
195	Hydrophilic interaction liquid chromatography coupled to quadrupole-time-of-flight mass spectrometry for determination of nuclear and cytoplasmatic contents of nucleotides, nucleosides and their nucleobases in food yeasts. <i>Talanta Open</i> , 2021 , 4, 100064	5.6	1
194	A rapid dispersive liquid-liquid microextraction of antimicrobial onion organosulfur compounds in animal feed coupled to gas chromatography-mass spectrometry. <i>Analytical Methods</i> , 2020 , 12, 2668-2673	3.2	3
193	Determination of amphenicol antibiotics and their glucuronide metabolites in urine samples using liquid chromatography with quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1146, 122122	3.2	7
192	Quality authentication of virgin olive oils using orthogonal techniques and chemometrics based on individual and high-level data fusion information. <i>Talanta</i> , 2020 , 219, 121260	6.2	4
191	Dispersive Solid-Phase Extraction using Magnetic Carbon Nanotube Composite for the Determination of Emergent Mycotoxins in Urine Samples. <i>Toxins</i> , 2020 , 12,	4.9	9

190	Liquid-liquid microextraction of glyphosate, glufosinate and aminomethylphosphonic acid for the analysis of agricultural samples by liquid chromatography. <i>Analytical Methods</i> , 2020 , 12, 2039-2045	3.2	2
189	Ion mobility spectrometry and mass spectrometry coupled to gas chromatography for analysis of microbial contaminated cosmetic creams. <i>Analytica Chimica Acta</i> , 2020 , 1128, 52-61	6.6	3
188	Headspace Gas Chromatography Coupled to Mass Spectrometry and Ion Mobility Spectrometry: Classification of Virgin Olive Oils as a Study Case. <i>Foods</i> , 2020 , 9,	4.9	9
187	Liquid-phase microextraction: update May 2016 to December 2018. <i>Applied Spectroscopy Reviews</i> , 2020 , 55, 307-326	4.5	16
186	Dual stir bar sorptive extraction coupled to thermal desorption-gas chromatography-mass spectrometry for the determination of endocrine disruptors in human tissues. <i>Talanta</i> , 2020 , 207, 120331	6.2	8
185	Microwave Assisted Cloud Point Extraction for the Determination of Vitamin K Homologues in Vegetables by Liquid Chromatography with Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 6658-6664	5.7	6
184	Head-space gas chromatography coupled to mass spectrometry for the assessment of the contamination of mayonnaise by yeasts. <i>Food Chemistry</i> , 2019 , 289, 461-467	8.5	5
183	Bioaccumulation of Polycyclic Aromatic Hydrocarbons for Forensic Assessment Using Gas Chromatography-Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1680-1688	4	16
182	Untargeted headspace gas chromatography - Ion mobility spectrometry analysis for detection of adulterated honey. <i>Talanta</i> , 2019 , 205, 120123	6.2	39
181	Determination of Cyanotoxins and Phycotoxins in Seawater and Algae-Based Food Supplements Using Ionic Liquids and Liquid Chromatography with Time-Of-Flight Mass Spectrometry. <i>Toxins</i> , 2019 , 11,	4.9	9
180	Gas Chromatography: Mass Spectrometry Analysis of Polyphenols in Foods 2019 , 285-316		1
179	Reliable analysis of chlorophenoxy herbicides in soil and water by magnetic solid phase extraction and liquid chromatography. <i>Environmental Chemistry Letters</i> , 2018 , 16, 1077-1082	13.3	9
178	Magnetic solid-phase extraction or dispersive liquid-liquid microextraction for pyrethroid determination in environmental samples. <i>Journal of Separation Science</i> , 2018 , 41, 2565-2575	3.4	14
177	Determination of nitrophenols in environmental samples using stir bar sorptive extraction coupled to thermal desorption gas chromatography-mass spectrometry. <i>Talanta</i> , 2018 , 189, 543-549	6.2	19
176	Magnetic carbon nanotube composite for the preconcentration of parabens from water and urine samples using dispersive solid phase extraction. <i>Journal of Chromatography A</i> , 2018 , 1564, 102-109	4.5	31
175	Food and beverage applications of liquid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 109, 116-123	14.6	22
174	Gas chromatography with mass spectrometry for the determination of phthalates preconcentrated by microextraction based on an ionic liquid. <i>Journal of Separation Science</i> , 2017 , 40, 1310-1317	3.4	9
173	Combination of solvent extractants for dispersive liquid-liquid microextraction of fungicides from water and fruit samples by liquid chromatography with tandem mass spectrometry. <i>Food Chemistry</i> , 2017 , 233, 69-76	8.5	16

172	Glyoxal and methylglyoxal as urinary markers of diabetes. Determination using a dispersive liquid-liquid microextraction procedure combined with gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1509, 43-49	4.5	16
171	Triple Quadrupole Mass Spectrometry with Liquid Chromatography and Dispersive Liquid-Liquid Microextraction for the Determination of Monoterpenes in Alcoholic Drinks. <i>Food Analytical Methods</i> , 2017 , 10, 3615-3622	3.4	2
170	Determination of synthetic phosphodiesterase-5 inhibitors by LC-MS in waters and human urine submitted to dispersive liquid-liquid microextraction. <i>Talanta</i> , 2017 , 174, 638-644	6.2	14
169	Magnetic solid phase extraction with CoFeO/oleic acid nanoparticles coupled to gas chromatography-mass spectrometry for the determination of alkylphenols in baby foods. <i>Food Chemistry</i> , 2017 , 221, 76-81	8.5	37
168	Ten years of dispersive liquid-liquid microextraction and derived techniques. <i>Applied Spectroscopy Reviews</i> , 2017 , 52, 267-415	4.5	67
167	Glyoxal and methylglyoxal determination in urine by surfactant-assisted dispersive liquid-liquid microextraction and LC. <i>Bioanalysis</i> , 2017 , 9, 369-379	2.1	11
166	Evaluation of the contamination of spirits by polycyclic aromatic hydrocarbons using ultrasound-assisted emulsification microextraction coupled to gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2016 , 190, 324-330	8.5	27
165	In situ ionic liquid dispersive liquid-liquid microextraction and direct microvial insert thermal desorption for gas chromatographic determination of bisphenol compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 243-9	4.4	21
164	Determination of synthetic phenolic antioxidants in edible oils using microvial insert large volume injection gas-chromatography. <i>Food Chemistry</i> , 2016 , 200, 249-54	8.5	40
163	Determination of spirocyclic tetronic/tetramic acid derivatives and neonicotinoid insecticides in fruits and vegetables by liquid chromatography and mass spectrometry after dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2016 , 202, 389-95	8.5	38
162	Use of oleic-acid functionalized nanoparticles for the magnetic solid-phase microextraction of alkylphenols in fruit juices using liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016 , 151, 217-223	6.2	20
161	Gas chromatography-mass spectrometry using microvial insert thermal desorption for the determination of BTEX in edible oils. <i>RSC Advances</i> , 2016 , 6, 20886-20891	3.7	10
160	Improved sensitivity gas chromatography-mass spectrometry determination of parabens in waters using ionic liquids. <i>Talanta</i> , 2016 , 146, 568-74	6.2	23
159	Gas chromatography with mass spectrometry for the quantification of ethylene glycol ethers in different household cleaning products. <i>Journal of Separation Science</i> , 2016 , 39, 2292-9	3.4	8
158	Classification and terminology in dispersive liquid-liquid microextraction. <i>Microchemical Journal</i> , 2016 , 127, 184-186	4.8	35
157	A study of the influence on diabetes of free and conjugated bisphenol A concentrations in urine: Development of a simple microextraction procedure using gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 129, 458-465	3.5	16
156	Ultrasound assisted extraction and dispersive liquid-liquid microextraction with liquid chromatography-tandem mass spectrometry for determination of alkylphenol levels in cleaning products. <i>Analytical Methods</i> , 2015 , 7, 6718-6725	3.2	4
155	Recent achievements in solidified floating organic drop microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 68, 48-77	14.6	73

154	Dispersive liquid-liquid microextraction for the determination of new generation pesticides in soils by liquid chromatography and tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1394, 1-8	4.5	27
153	Assessment of strobilurin fungicides content in soya-based drinks by liquid micro-extraction and liquid chromatography with tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015 , 32, 2039-47	3.2	1
152	Determination of phthalate esters in cleaning and personal care products by dispersive liquid-liquid microextraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1376, 18-25	4.5	60
151	Dispersive liquid-liquid microextraction for the determination of flavonoid aglycone compounds in honey using liquid chromatography with diode array detection and time-of-flight mass spectrometry. <i>Talanta</i> , 2015 , 131, 185-91	6.2	44
150	Determination of Phenolic Acids and Hydrolyzable Tannins in Pomegranate Fruit and Beverages by Liquid Chromatography with Diode Array Detection and Time-of-Flight Mass Spectrometry. <i>Food Analytical Methods</i> , 2015 , 8, 1315-1325	3.4	14
149	Capillary liquid chromatography combined with pressurized liquid extraction and dispersive liquid-liquid microextraction for the determination of vitamin E in cosmetic products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 94, 173-9	3.5	27
148	Dispersive liquid-liquid microextraction in food analysis. A critical review. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2067-99	4.4	154
147	Headspace sorptive extraction for the detection of combustion accelerants in fire debris. <i>Forensic Science International</i> , 2014 , 238, 26-32	2.6	20
146	Stir bar sorptive extraction polar coatings for the determination of chlorophenols and chloroanisoles in wines using gas chromatography and mass spectrometry. <i>Talanta</i> , 2014 , 118, 30-6	6.2	37
145	Gas Chromatography-Mass Spectrometry Analysis of Polyphenols in Foods 2014 , 103-157		3
144	Use of headspace sorptive extraction coupled to gas chromatography-mass spectrometry for the analysis of volatile polycyclic aromatic hydrocarbons in herbal infusions. <i>Journal of Chromatography A</i> , 2014 , 1356, 38-44	4.5	19
143	Pressurized liquid extraction and dispersive liquid-liquid microextraction for determination of tocopherols and tocotrienols in plant foods by liquid chromatography with fluorescence and atmospheric pressure chemical ionization-mass spectrometry detection. <i>Talanta</i> , 2014 , 119, 98-104	6.2	52
142	Ultrasound-assisted emulsification microextraction of organolead and organomanganese compounds from seawater, and their determination by GC-MS. <i>Mikrochimica Acta</i> , 2014 , 181, 97-104	5.8	6
141	Dispersive liquid-liquid microextraction for the determination of three cytokinin compounds in fruits and vegetables by liquid chromatography with time-of-flight mass spectrometry. <i>Talanta</i> , 2013 , 116, 376-81	6.2	24
140	Quantification of β -carotene, retinol, retinyl acetate and retinyl palmitate in enriched fruit juices using dispersive liquid-liquid microextraction coupled to liquid chromatography with fluorescence detection and atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1275, 1-8	4.5	27
139	Dispersive liquid-liquid microextraction for the determination of vitamins D and K in foods by liquid chromatography with diode-array and atmospheric pressure chemical ionization-mass spectrometry detection. <i>Talanta</i> , 2013 , 115, 806-13	6.2	50
138	Stir bar sorptive extraction with EG-Silicone coating for bisphenols determination in personal care products by GC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 78-79, 255-60	3.5	48
137	Stir bar sorptive extraction with gas chromatography-mass spectrometry for the determination of resveratrol, piceatannol and oxyresveratrol isomers in wines. <i>Journal of Chromatography A</i> , 2013 , 1315, 21-7	4.5	34

136	Headspace sorptive extraction for the analysis of organotin compounds using thermal desorption and gas chromatography with mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1279, 1-6	4.5	10
135	Dispersive liquid-liquid microextraction for the determination of macrocyclic lactones in milk by liquid chromatography with diode array detection and atmospheric pressure chemical ionization ion-trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1282, 20-6	4.5	36
134	Liquid chromatography with diode array detection and tandem mass spectrometry for the determination of neonicotinoid insecticides in honey samples using dispersive liquid-liquid microextraction. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 4799-805	5.7	65
133	An evaluation of cis- and trans-retinol contents in juices using dispersive liquid-liquid microextraction coupled to liquid chromatography with fluorimetric detection. <i>Talanta</i> , 2013 , 103, 166-172	4.2	12
132	Solid-phase microextraction followed by gas chromatography for the speciation of organotin compounds in honey and wine samples: A comparison of atomic emission and mass spectrometry detectors. <i>Journal of Food Composition and Analysis</i> , 2012 , 25, 66-73	4.1	30
131	Determination of benfothiamine in nutraceuticals using dispersive liquid-liquid microextraction coupled to liquid chromatography. <i>Analytical Methods</i> , 2012 , 4, 2759	3.2	2
130	Stir bar sorptive extraction coupled to gas chromatography-mass spectrometry for the determination of bisphenols in canned beverages and filling liquids of canned vegetables. <i>Journal of Chromatography A</i> , 2012 , 1247, 146-53	4.5	104
129	Ultrasound-assisted emulsification microextraction coupled with gas chromatography-mass spectrometry using the Taguchi design method for bisphenol migration studies from thermal printer paper, toys and baby utensils. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 671-8	4.4	33
128	Dispersive liquid-liquid microextraction coupled to liquid chromatography for thiamine determination in foods. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 1059-66	4.4	23
127	Determination of alkylphenols and phthalate esters in vegetables and migration studies from their packages by means of stir bar sorptive extraction coupled to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1241, 21-7	4.5	86
126	Determination of Melamine and Derivatives in Foods by Liquid Chromatography Coupled to Atmospheric Pressure Chemical Ionization Mass Spectrometry and Diode Array Detection. <i>Analytical Letters</i> , 2012 , 45, 2508-2518	2.2	4
125	Multi-walled carbon nanotubes as solid-phase extraction adsorbents for the speciation of cobalamins in seafoods by liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1393-4	4.4	18
124	Directly suspended droplet microextraction with in injection-port derivatization coupled to gas chromatography-mass spectrometry for the analysis of polyphenols in herbal infusions, fruits and functional foods. <i>Journal of Chromatography A</i> , 2011 , 1218, 639-46	4.5	71
123	Determination of volatile nitrosamines in meat products by microwave-assisted extraction and dispersive liquid-liquid microextraction coupled to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 1815-21	4.5	85
122	Comparison of two derivatization-based methods for solid-phase microextraction-gas chromatography-mass spectrometric determination of bisphenol A, bisphenol S and biphenol migrated from food cans. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 115-125	4.4	168
121	Evaluation of dispersive liquid-liquid microextraction for the simultaneous determination of chlorophenols and haloanisoles in wines and cork stoppers using gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 7323-30	4.5	54
120	Stir bar sorptive extraction coupled to liquid chromatography for the analysis of strobilurin fungicides in fruit samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 4529-34	4.5	48
119	Ion-pair high-performance liquid chromatography with diode array detection coupled to dual electrospray atmospheric pressure chemical ionization time-of-flight mass spectrometry for the determination of nucleotides in baby foods. <i>Journal of Chromatography A</i> , 2010 , 1217, 5197-203	4.5	26

118	Liquid-liquid microextraction methods based on ultrasound-assisted emulsification and single-drop coupled to gas chromatography-mass spectrometry for determining strobilurin and oxazole fungicides in juices and fruits. <i>Journal of Chromatography A</i> , 2010 , 1217, 6569-77	4.5	58
117	Solid-Phase Microextraction Coupled to Gas Chromatography-Mass Spectrometry for the Analysis of Famoxadone in Wines, Fruits, and Vegetables. <i>Spectroscopy Letters</i> , 2009 , 42, 320-326	1.1	9
116	Preconcentration and determination of boron in milk, infant formula, and honey samples by solid phase extraction-electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009 , 64, 179-183	3.1	13
115	Method development and validation for strobilurin fungicides in baby foods by solid-phase microextraction gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 1404-5	6.5	64
114	Solid-phase microextraction on-fiber derivatization for the analysis of some polyphenols in wine and grapes using gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 1279-84	4.5	77
113	Anion exchange liquid chromatography for the determination of nucleotides in baby and/or functional foods. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 7245-9	5.7	20
112	Ion-exchange preconcentration and determination of vanadium in milk samples by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2009 , 78, 1458-63	6.2	23
111	Speciation of arsenic using capillary gas chromatography with atomic emission detection. <i>Talanta</i> , 2008 , 77, 793-799	6.2	38
110	A headspace solid-phase microextraction procedure coupled with gas chromatography-mass spectrometry for the analysis of volatile polycyclic aromatic hydrocarbons in milk samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 753-8	4.4	28
109	Solid-phase microextraction for the gas chromatography mass spectrometric determination of oxazole fungicides in malt beverages. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 1425-31	4.4	15
108	Evaluation of solid-phase microextraction conditions for the determination of polycyclic aromatic hydrocarbons in aquatic species using gas chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 1419-24	4.4	26
107	A comparison of solid-phase microextraction and stir bar sorptive extraction coupled to liquid chromatography for the rapid analysis of resveratrol isomers in wines, musts and fruit juices. <i>Analytica Chimica Acta</i> , 2008 , 611, 119-25	6.6	39
106	Comparison of stir bar sorptive extraction and membrane-assisted solvent extraction for the ultra-performance liquid chromatographic determination of oxazole fungicide residues in wines and juices. <i>Journal of Chromatography A</i> , 2008 , 1194, 178-83	4.5	43
105	Use of headspace solid-phase microextraction coupled to liquid chromatography for the analysis of polycyclic aromatic hydrocarbons in tea infusions. <i>Journal of Chromatography A</i> , 2007 , 1164, 10-7	4.5	55
104	Determination of 16 polycyclic aromatic hydrocarbons in milk and related products using solid-phase microextraction coupled to gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2007 , 596, 285-90	6.6	107
103	Liquid chromatography-electrothermal atomic absorption spectrometry for the separation and preconcentration of molybdenum in milk and infant formulas. <i>Analytica Chimica Acta</i> , 2007 , 597, 187-94	6.6	17
102	Fast determination of phosphorus in honey, milk and infant formulas by electrothermal atomic absorption spectrometry using a slurry sampling procedure. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007 , 62, 48-55	3.1	17
101	Liquid chromatography on an amide stationary phase with post-column derivatization and fluorimetric detection for the determination of streptomycin and dihydrostreptomycin in foods. <i>Talanta</i> , 2007 , 72, 808-12	6.2	50

100	Liquid chromatography-hydride generation-atomic fluorescence spectrometry hybridation for antimony speciation in environmental samples. <i>Talanta</i> , 2006 , 68, 1401-5	6.2	16
99	Liquid chromatographic determination of phenol, thymol and carvacrol in honey using fluorimetric detection. <i>Talanta</i> , 2006 , 69, 1063-7	6.2	47
98	Determination of chloramphenicol residues in animal feeds by liquid chromatography with photo-diode array detection. <i>Analytica Chimica Acta</i> , 2006 , 558, 11-15	6.6	25
97	Analysis of Nitrofurans Residues in Animal Feed Using Liquid Chromatography and Photodiode-Array Detection. <i>Chromatographia</i> , 2006 , 65, 85-89	2.1	22
96	Determination of selenium species in infant formulas and dietetic supplements using liquid chromatography-hydride generation atomic fluorescence spectrometry. <i>Analytica Chimica Acta</i> , 2005 , 535, 49-56	6.6	34
95	Capillary gas chromatography with atomic emission detection for determining chlorophenols in water and soil samples. <i>Analytica Chimica Acta</i> , 2005 , 552, 182-189	6.6	24
94	Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system. <i>Journal of Chromatography A</i> , 2005 , 1095, 138-44	4.5	11
93	Ion chromatography-hydride generation-atomic fluorescence spectrometry speciation of tellurium. <i>Applied Organometallic Chemistry</i> , 2005 , 19, 930-934	3.1	16
92	Liquid chromatography with ultraviolet absorbance detection for the analysis of tetracycline residues in honey. <i>Journal of Chromatography A</i> , 2004 , 1022, 125-9	4.5	101
91	Purge-and-trap capillary gas chromatography with atomic emission detection for volatile halogenated organic compounds determination in waters and beverages. <i>Journal of Chromatography A</i> , 2004 , 1035, 1-8	4.5	37
90	Purge-and-trap preconcentration system coupled to capillary gas chromatography with atomic emission detection for 2,4,6-trichloroanisole determination in cork stoppers and wines. <i>Journal of Chromatography A</i> , 2004 , 1061, 85-91	4.5	46
89	Speciation of organotin compounds in waters and marine sediments using purge-and-trap capillary gas chromatography with atomic emission detection. <i>Analytica Chimica Acta</i> , 2004 , 525, 273-280	6.6	26
88	Liquid chromatography-hydride generation-atomic absorption spectrometry for the speciation of tin in seafoods. <i>Journal of Environmental Monitoring</i> , 2004 , 6, 262-6		11
87	Liquid chromatographic analysis of riboflavin vitamers in foods using fluorescence detection. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 1789-94	5.7	69
86	Determination of volatile halogenated organic compounds in soils by purge-and-trap capillary gas chromatography with atomic emission detection. <i>Talanta</i> , 2004 , 64, 584-9	6.2	25
85	Stability of arsenobetaine levels in manufactured baby foods. <i>Journal of Food Protection</i> , 2003 , 66, 2321-45	4.5	9
84	Speciation of arsenic in baby foods and the raw fish ingredients using liquid chromatography-hydride generation-atomic absorption spectrometry. <i>Chromatographia</i> , 2003 , 57, 611-616	2.1	15
83	Placental cadmium and lipid peroxidation in smoking women related to newborn anthropometric measurements. <i>Archives of Environmental Contamination and Toxicology</i> , 2003 , 45, 278-82	3.2	10

82	Placental lead and outcome of pregnancy. <i>Toxicology</i> , 2003 , 185, 59-66	4.4	66
81	Reversed-phase liquid chromatography on an amide stationary phase for the determination of the B group vitamins in baby foods. <i>Journal of Chromatography A</i> , 2003 , 1007, 77-84	4.5	75
80	Capillary gas chromatography with atomic emission detection for pesticide analysis in soil samples. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 3704-8	5.7	11
79	Determination of thiamine and its esters in beers and raw materials used for their manufacture by liquid chromatography with postcolumn derivatization. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 3222-7	5.7	13
78	A manifold for the automatic dilution of concentrated solutions in flame atomic absorption spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 372, 587-92	4.4	4
77	Determination of pesticides in waters by capillary gas chromatography with atomic emission detection. <i>Journal of Chromatography A</i> , 2002 , 978, 249-56	4.5	22
76	Environmental exposures to lead and cadmium measured in human placenta. <i>Archives of Environmental Health</i> , 2002 , 57, 598-602		21
75	Rapid determination of mercury in food colorants using electrothermal atomic absorption spectrometry with slurry sample introduction. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 949-54	5.7	12
74	Determination of vanadium, molybdenum and chromium in soils, sediments and sludges by electrothermal atomic absorption spectrometry with slurry sample introduction. <i>Journal of Analytical Atomic Spectrometry</i> , 2002 , 17, 1429-1433	3.7	20
73	Automation of the standard additions method in flame atomic absorption spectrometry. <i>Talanta</i> , 2002 , 56, 787-96	6.2	11
72	Determination of Cadmium, Aluminium, and Copper in Beer and Products Used in Its Manufacture by Electrothermal Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 736-743	1.7	21
71	Determination of cadmium, aluminium, and copper in beer and products used in its manufacture by electrothermal atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 736-43	1.7	
70	Comparison of ion-pair and amide-based column reversed-phase liquid chromatography for the separation of thiamine-related compounds. <i>Biomedical Applications</i> , 2001 , 757, 301-8		18
69	Comparison of enzymatic extraction procedures for use with directly coupled high performance liquid chromatography-inductively coupled plasma mass spectrometry for the speciation of arsenic in baby foods. <i>Analytica Chimica Acta</i> , 2001 , 441, 29-36	6.6	32
68	Determination of mercury in baby food and seafood samples using electrothermal atomic absorption spectrometry and slurry atomization. <i>Journal of Analytical Atomic Spectrometry</i> , 2001 , 16, 633-637	3.7	21
67	Peristaltic pumps and Fourier transforms in flame atomic absorption spectrometry: use of standard additions method and on-line dilution procedures. <i>Journal of Analytical Atomic Spectrometry</i> , 2001 , 16, 1185-1189	3.7	7
66	Slurry atomisation for the determination of arsenic, cadmium and lead in food colourants using electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2001 , 16, 1202-1205	3.7	11
65	Determination of Aluminium and Chromium in Slurried Baby Food Samples by Electrothermal Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2001 , 84, 1187-1193	1.7	6

64	Selenium determination in biological fluids using Zeeman background correction electrothermal atomic absorption spectrometry. <i>Analytical Biochemistry</i> , 2000 , 280, 195-200	3.1	26
63	Determination of phenols in wines by liquid chromatography with photodiode array and fluorescence detection. <i>Journal of Chromatography A</i> , 2000 , 871, 85-93	4.5	121
62	Calibration in flame atomic absorption spectrometry using time-dependent concentration profiles. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2000 , 55, 849-854	3.1	5
61	Rapid determination of selenium, lead and cadmium in baby food samples using electrothermal atomic absorption spectrometry and slurry atomization. <i>Analytica Chimica Acta</i> , 2000 , 412, 121-130	6.6	85
60	Rapid determination of lead and cadmium in sewage sludge samples using electrothermal atomic absorption spectrometry with slurry sample introduction. <i>Fresenius Journal of Analytical Chemistry</i> , 2000 , 367, 727-32		13
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58	Determination of clenbuterol in pharmaceutical preparations by reaction with o-phthalaldehyde using a flow-injection fluorimetric procedure. <i>Talanta</i> , 2000 , 53, 47-53	6.2	19
57	Determination of arsenic in biological fluids by electrothermal atomic absorption spectrometry. <i>Analyst, The</i> , 2000 , 125, 313-6	5	13
56	Determination of copper, cobalt, nickel, and manganese in baby food slurries using electrothermal atomic absorption spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 5789-94	5.7	25
55	Fast Determination of Lead and Copper in Dairy Products by Graphite Furnace Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 1999 , 82, 368-373	1.7	8
54	Rapid determination of lead and cadmium in biological fluids by electrothermal atomic absorption spectrometry using Zeeman correction. <i>Analytica Chimica Acta</i> , 1999 , 390, 207-215	6.6	33
53	Slurry atomization for the determination of arsenic in baby foods using electrothermal atomic absorption spectrometry and deuterium background correction. <i>Journal of Analytical Atomic Spectrometry</i> , 1999 , 14, 1215-1219	3.7	28
52	Determination of molybdenum, chromium and aluminium in human urine by electrothermal atomic absorption spectrometry using fast-programme methodology. <i>Talanta</i> , 1999 , 48, 905-12	6.2	19
51	Fast determination of calcium, magnesium and zinc in honey using continuous flow flame atomic absorption spectrometry. <i>Talanta</i> , 1999 , 49, 597-602	6.2	30
50	Direct determination of copper and zinc in cow milk, human milk and infant formula samples using electrothermal atomization atomic absorption spectrometry. <i>Talanta</i> , 1998 , 46, 615-22	6.2	29
49	Determination of phenylpropanolamine and methoxamine using flow-injection with fluorimetric detection. <i>Talanta</i> , 1998 , 47, 455-62	6.2	5
48	Determination of Paraquat in Waters by Enzymatic Inhibition Using Flow-Injection Analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 1998 , 72, 267-274	1.8	2
47	Direct Determination of Lead, Cadmium, Zinc, and Copper in Honey by Electrothermal Atomic Absorption Spectrometry using Hydrogen Peroxide as a Matrix Modifier. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 3952-3956	5.7	41

46	Rapid determination of lead, cadmium and thallium in cements using electrothermal atomic absorption spectrometry with slurry sample introduction. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 357, 642-646		6
45	Use of post-column fluorescence derivatization to develop a liquid chromatographic assay for ranitidine and its metabolites in biological fluids. <i>Biomedical Applications</i> , 1997 , 693, 443-9		22
44	Determination of p-hydroxyphenylglycine by reaction with o-phthalaldehyde using a flow-injection fluorimetric procedure. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997 , 16, 453-7	3.5	4
43	Electrothermal atomic absorption spectrometric determination of molybdenum, aluminium, chromium and manganese in milk. <i>Analytica Chimica Acta</i> , 1997 , 356, 267-276	6.6	31
42	Determination of Selenium in Seafoods Using Electrothermal Atomic Absorption Spectrometry with Slurry Sample Introduction. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 836-841	5.7	18
41	Flow injection fluorimetric method for the determination of ranitidine in pharmaceutical preparations using o-phthalaldehyde. <i>Analyst, The</i> , 1996 , 121, 1043-1046	5	35
40	Identification of vitamin B12 analogues by liquid chromatography with electrothermal atomic absorption detection. <i>Chromatographia</i> , 1996 , 42, 566-570	2.1	14
39	Extending the dynamic range of flame atomic absorption spectrometry: a comparison of procedures for the determination of several elements in milk and mineral waters using on-line dilution. <i>Fresenius Journal of Analytical Chemistry</i> , 1996 , 355, 57-64		8
38	Automatic calibration in continuous flow analysis. <i>Analytica Chimica Acta</i> , 1996 , 327, 83-93	6.6	4
37	Peristaltic pumps-Fourier transforms: a coupling of interest in continuous flow flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1996 , 51, 1761-1768	3.1	11
36	Speciation of vitamin B12 analogues by liquid chromatography with flame atomic absorption spectrometric detection. <i>Analytica Chimica Acta</i> , 1996 , 318, 319-325	6.6	45
35	Determination of sulphonamides in foods by liquid chromatography with postcolumn fluorescence derivatization. <i>Journal of Chromatography A</i> , 1996 , 726, 125-131	4.5	21
34	Liquid chromatographic analysis of sulfonamides in foods. <i>Chromatographia</i> , 1995 , 40, 382-386	2.1	14
33	Determination of aluminium in chewing gum samples using electrothermal atomic-absorption spectrometry and slurry sample introduction. <i>Fresenius Journal of Analytical Chemistry</i> , 1995 , 351, 695-696		3
32	Slurry-electrothermal atomic absorption spectrometric determination of aluminium and chromium in vegetables using hydrogen peroxide as a matrix modifier. <i>Talanta</i> , 1995 , 42, 527-533	6.2	31
31	Use of submicroliter-volume samples for extending the dynamic range of flow-injection flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 1995 , 308, 85-95	6.6	16
30	Linear flow gradients for automatic titrations. <i>Analytica Chimica Acta</i> , 1995 , 308, 67-76	6.6	13
29	Slurry atomization of vegetables for the electrothermal atomic absorption spectrometric analysis of lead and cadmium. <i>Food Chemistry</i> , 1994 , 50, 317-321	8.5	13

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27	Flow-injection fluorimetric analysis of sulfamethoxazole in pharmaceutical preparations and biological fluids. <i>Talanta</i> , 1994 , 41, 2159-64	6.2	7
26	Slurry electrothermal atomic absorption spectrometric methods for the determination of copper, lead, zinc, iron and chromium in sweets and chewing gum after partial dry ashing. <i>Analyst, The</i> , 1994 , 119, 1119-1123	5	21
25	Calibration in flame atomic absorption spectrometry using a single standard and a gradient technique. <i>Journal of Analytical Atomic Spectrometry</i> , 1994 , 9, 553-561	3.7	20
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23	Analysis of copper in biscuits and bread using a fast-program slurry electrothermal atomic absorption procedure. <i>Journal of Agricultural and Food Chemistry</i> , 1993 , 41, 2024-2027	5.7	7
22	Flow-injection flame atomic absorption spectrometry for slurry atomization. Determination of calcium, magnesium, iron, zinc and manganese in vegetables. <i>Analytica Chimica Acta</i> , 1993 , 283, 393-400	6.6	19
21	Rapid determination of calcium, magnesium, iron and zinc in flours using flow injection flame atomic absorption spectrometry for slurry atomization. <i>Food Chemistry</i> , 1993 , 46, 307-311	8.5	12
20	Determination of thiol-containing drugs by chemiluminescence-flow injection analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1993 , 11, 15-20	3.5	40
19	FIA titrations of sulphide, cysteine and thiol-containing drugs with chemiluminescent detection. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 345, 723-726		15
18	Determination of methyl anthranilate and methyl N-methylantranilate in beverages by liquid chromatography with fluorescence detection. <i>Chromatographia</i> , 1993 , 35, 681-684	2.1	6
17	Slurry procedure for the determination of titanium in plant materials using electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1992 , 7, 529-532	3.7	8
16	Liquid chromatographic determination of fat-soluble vitamins in paprika and paprika oleoresin. <i>Food Chemistry</i> , 1992 , 45, 349-355	8.5	4
15	Simultaneous liquid chromatographic analysis of 5-(hydroxymethyl)-2-furaldehyde and methyl anthranilate in honey. <i>Food Chemistry</i> , 1992 , 44, 67-72	8.5	34
14	Direct determination of tocopherols in paprika and paprika oleoresin by liquid chromatography. <i>Mikrochimica Acta</i> , 1992 , 106, 293-302	5.8	4
13	Determination of ethoxyquin in paprika by high-performance liquid chromatography. <i>Food Chemistry</i> , 1991 , 42, 241-251	8.5	12
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