

# Pilar Vias

## List of Publications by Citations

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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	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> , <b>2010</b> , 397, 115-125	4.4	168
206	Dispersive liquid-liquid microextraction in food analysis. A critical review. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 2067-99	4.4	154
205	Determination of phenols in wines by liquid chromatography with photodiode array and fluorescence detection. <i>Journal of Chromatography A</i> , <b>2000</b> , 871, 85-93	4.5	121
204	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> , <b>2007</b> , 596, 285-90	6.6	107
203	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> , <b>2012</b> , 1247, 146-53	4.5	104
202	Liquid chromatography with ultraviolet absorbance detection for the analysis of tetracycline residues in honey. <i>Journal of Chromatography A</i> , <b>2004</b> , 1022, 125-9	4.5	101
201	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> , <b>2012</b> , 1241, 21-7	4.5	86
200	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> , <b>2011</b> , 1218, 1815-21	4.5	85
199	Rapid determination of selenium, lead and cadmium in baby food samples using electrothermal atomic absorption spectrometry and slurry atomization. <i>Analytica Chimica Acta</i> , <b>2000</b> , 412, 121-130	6.6	85
198	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> , <b>2009</b> , 1216, 1279-84	4.5	77
197	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> , <b>2003</b> , 1007, 77-84	4.5	75
196	Recent achievements in solidified floating organic drop microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 68, 48-77	14.6	73
195	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> , <b>2011</b> , 1218, 639-46	4.5	71
194	Liquid chromatographic analysis of riboflavin vitamers in foods using fluorescence detection. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 1789-94	5.7	69
193	Ten years of dispersive liquid-liquid microextraction and derived techniques. <i>Applied Spectroscopy Reviews</i> , <b>2017</b> , 52, 267-415	4.5	67
192	Placental lead and outcome of pregnancy. <i>Toxicology</i> , <b>2003</b> , 185, 59-66	4.4	66
191	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> , <b>2013</b> , 61, 4799-805	5.7	65

190	Method development and validation for strobilurin fungicides in baby foods by solid-phase microextraction gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 140-45	4.5	64
189	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> , <b>2015</b> , 1376, 18-25	4.5	60
188	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> , <b>2010</b> , 1217, 6569-77	4.5	58
187	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> , <b>2007</b> , 1164, 10-7	4.5	55
186	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> , <b>2010</b> , 1217, 7323-30	4.5	54
185	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> , <b>2014</b> , 119, 98-104	6.2	52
184	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> , <b>2013</b> , 115, 806-13	6.2	50
183	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> , <b>2007</b> , 72, 808-12	6.2	50
182	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> , <b>2013</b> , 78-79, 255-60	3.5	48
181	Stir bar sorptive extraction coupled to liquid chromatography for the analysis of strobilurin fungicides in fruit samples. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 4529-34	4.5	48
180	Liquid chromatographic determination of phenol, thymol and carvacrol in honey using fluorimetric detection. <i>Talanta</i> , <b>2006</b> , 69, 1063-7	6.2	47
179	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> , <b>2004</b> , 1061, 85-91	4.5	46
178	Speciation of vitamin B12 analogues by liquid chromatography with flame atomic absorption spectrometric detection. <i>Analytica Chimica Acta</i> , <b>1996</b> , 318, 319-325	6.6	45
177	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> , <b>2015</b> , 131, 185-91	6.2	44
176	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> , <b>2008</b> , 1194, 178-83	4.5	43
175	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> , <b>1997</b> , 45, 3952-3956	5.7	41
174	Determination of synthetic phenolic antioxidants in edible oils using microvial insert large volume injection gas-chromatography. <i>Food Chemistry</i> , <b>2016</b> , 200, 249-54	8.5	40
173	Determination of thiol-containing drugs by chemiluminescence-flow injection analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1993</b> , 11, 15-20	3.5	40

172	Untargeted headspace gas chromatography - Ion mobility spectrometry analysis for detection of adulterated honey. <i>Talanta</i> , <b>2019</b> , 205, 120123	6.2	39
171	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> , <b>2008</b> , 611, 119-25	6.6	39
170	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> , <b>2016</b> , 202, 389-95	8.5	38
169	Speciation of arsenic using capillary gas chromatography with atomic emission detection. <i>Talanta</i> , <b>2008</b> , 77, 793-799	6.2	38
168	Stir bar sorptive extraction polar coatings for the determination of chlorophenols and chloroanisoles in wines using gas chromatography and mass spectrometry. <i>Talanta</i> , <b>2014</b> , 118, 30-6	6.2	37
167	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> , <b>2017</b> , 221, 76-81	8.5	37
166	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> , <b>2004</b> , 1035, 1-8	4.5	37
165	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> , <b>2013</b> , 1282, 20-6	4.5	36
164	Flow injection fluorimetric method for the determination of ranitidine in pharmaceutical preparations using o-phthalaldehyde. <i>Analyst, The</i> , <b>1996</b> , 121, 1043-1046	5	35
163	Classification and terminology in dispersive liquid-liquid microextraction. <i>Microchemical Journal</i> , <b>2016</b> , 127, 184-186	4.8	35
162	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> , <b>2013</b> , 1315, 21-7	4.5	34
161	Determination of selenium species in infant formulas and dietetic supplements using liquid chromatography-hydride generation atomic fluorescence spectrometry. <i>Analytica Chimica Acta</i> , <b>2005</b> , 535, 49-56	6.6	34
160	Simultaneous liquid chromatographic analysis of 5-(hydroxymethyl)-2-furaldehyde and methyl anthranilate in honey. <i>Food Chemistry</i> , <b>1992</b> , 44, 67-72	8.5	34
159	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> , <b>2012</b> , 404, 671-8	4.4	33
158	Rapid determination of lead and cadmium in biological fluids by electrothermal atomic absorption spectrometry using Zeeman correction. <i>Analytica Chimica Acta</i> , <b>1999</b> , 390, 207-215	6.6	33
157	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> , <b>2001</b> , 441, 29-36	6.6	32
156	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> , <b>2018</b> , 1564, 102-109	4.5	31
155	Electrothermal atomic absorption spectrometric determination of molybdenum, aluminium, chromium and manganese in milk. <i>Analytica Chimica Acta</i> , <b>1997</b> , 356, 267-276	6.6	31

154	Slurry-electrothermal atomic absorption spectrometric determination of aluminium and chromium in vegetables using hydrogen peroxide as a matrix modifier. <i>Talanta</i> , <b>1995</b> , 42, 527-533	6.2	31
153	Radioimmunoassay of alpha rat atrial natriuretic peptide. <i>Neuropeptides</i> , <b>1986</b> , 7, 159-73	3.3	31
152	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> , <b>2012</b> , 25, 66-73	4.1	30
151	Fast determination of calcium, magnesium and zinc in honey using continuous flow flame atomic absorption spectrometry. <i>Talanta</i> , <b>1999</b> , 49, 597-602	6.2	30
150	Direct determination of copper and zinc in cow milk, human milk and infant formula samples using electrothermal atomization atomic absorption spectrometry. <i>Talanta</i> , <b>1998</b> , 46, 615-22	6.2	29
149	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> , <b>2008</b> , 391, 753-8	4.4	28
148	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> , <b>1999</b> , 14, 1215-1219	3.7	28
147	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> , <b>2016</b> , 190, 324-330	8.5	27
146	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> , <b>2015</b> , 1394, 1-8	4.5	27
145	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> , <b>2014</b> , 94, 173-9	3.5	27
144	Quantification of $\beta$ -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> , <b>2013</b> , 1275, 1-8	4.5	27
143	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> , <b>2010</b> , 1217, 5197-203	4.5	26
142	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> , <b>2008</b> , 391, 1419-24	4.4	26
141	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> , <b>2004</b> , 525, 273-280	6.6	26
140	Selenium determination in biological fluids using Zeeman background correction electrothermal atomic absorption spectrometry. <i>Analytical Biochemistry</i> , <b>2000</b> , 280, 195-200	3.1	26
139	Determination of chloramphenicol residues in animal feeds by liquid chromatography with photo-diode array detection. <i>Analytica Chimica Acta</i> , <b>2006</b> , 558, 11-15	6.6	25
138	Determination of volatile halogenated organic compounds in soils by purge-and-trap capillary gas chromatography with atomic emission detection. <i>Talanta</i> , <b>2004</b> , 64, 584-9	6.2	25
137	Determination of copper, cobalt, nickel, and manganese in baby food slurries using electrothermal atomic absorption spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 5789-94	5.7	25

136	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> , <b>2013</b> , 116, 376-81	6.2	24
135	Capillary gas chromatography with atomic emission detection for determining chlorophenols in water and soil samples. <i>Analytica Chimica Acta</i> , <b>2005</b> , 552, 182-189	6.6	24
134	Improved sensitivity gas chromatography-mass spectrometry determination of parabens in waters using ionic liquids. <i>Talanta</i> , <b>2016</b> , 146, 568-74	6.2	23
133	Dispersive liquid-liquid microextraction coupled to liquid chromatography for thiamine determination in foods. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 403, 1059-66	4.4	23
132	Ion-exchange preconcentration and determination of vanadium in milk samples by electrothermal atomic absorption spectrometry. <i>Talanta</i> , <b>2009</b> , 78, 1458-63	6.2	23
131	Use of post-column fluorescence derivatization to develop a liquid chromatographic assay for ranitidine and its metabolites in biological fluids. <i>Biomedical Applications</i> , <b>1997</b> , 693, 443-9		22
130	Analysis of Nitrofurantoin Residues in Animal Feed Using Liquid Chromatography and Photodiode-Array Detection. <i>Chromatographia</i> , <b>2006</b> , 65, 85-89	2.1	22
129	Determination of pesticides in waters by capillary gas chromatography with atomic emission detection. <i>Journal of Chromatography A</i> , <b>2002</b> , 978, 249-56	4.5	22
128	Food and beverage applications of liquid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 109, 116-123	14.6	22
127	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> , <b>2016</b> , 408, 243-9	4.4	21
126	Environmental exposures to lead and cadmium measured in human placenta. <i>Archives of Environmental Health</i> , <b>2002</b> , 57, 598-602		21
125	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> , <b>2002</b> , 85, 736-743	1.7	21
124	Determination of mercury in baby food and seafood samples using electrothermal atomic absorption spectrometry and slurry atomization. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2001</b> , 16, 633-637	3.7	21
123	Determination of sulphonamides in foods by liquid chromatography with postcolumn fluorescence derivatization. <i>Journal of Chromatography A</i> , <b>1996</b> , 726, 125-131	4.5	21
122	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</i> , <b>1994</b> , 119, 1119-1123	5	21
121	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> , <b>2016</b> , 151, 217-223	6.2	20
120	Headspace sorptive extraction for the detection of combustion accelerants in fire debris. <i>Forensic Science International</i> , <b>2014</b> , 238, 26-32	2.6	20
119	Anion exchange liquid chromatography for the determination of nucleotides in baby and/or functional foods. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 7245-9	5.7	20

118	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> , <b>2002</b> , 17, 1429-1433	3.7	20
117	Calibration in flame atomic absorption spectrometry using a single standard and a gradient technique. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1994</b> , 9, 553-561	3.7	20
116	Determination of nitrophenols in environmental samples using stir bar sorptive extraction coupled to thermal desorption gas chromatography-mass spectrometry. <i>Talanta</i> , <b>2018</b> , 189, 543-549	6.2	19
115	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> , <b>2014</b> , 1356, 38-44	4.5	19
114	Determination of clenbuterol in pharmaceutical preparations by reaction with o-phthalaldehyde using a flow-injection fluorimetric procedure. <i>Talanta</i> , <b>2000</b> , 53, 47-53	6.2	19
113	Determination of molybdenum, chromium and aluminium in human urine by electrothermal atomic absorption spectrometry using fast-programme methodology. <i>Talanta</i> , <b>1999</b> , 48, 905-12	6.2	19
112	Flow-injection flame atomic absorption spectrometry for slurry atomization. Determination of calcium, magnesium, iron, zinc and manganese in vegetables. <i>Analytica Chimica Acta</i> , <b>1993</b> , 283, 393-400	6.6	19
111	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> , <b>2011</b> , 401, 1393-9	4.4	18
110	Comparison of ion-pair and amide-based column reversed-phase liquid chromatography for the separation of thiamine-related compounds. <i>Biomedical Applications</i> , <b>2001</b> , 757, 301-8		18
109	Determination of Selenium in Seafoods Using Electrothermal Atomic Absorption Spectrometry with Slurry Sample Introduction. <i>Journal of Agricultural and Food Chemistry</i> , <b>1996</b> , 44, 836-841	5.7	18
108	Determination of vanadium in petroleum products by a catalytic method. <i>Analyst, The</i> , <b>1985</b> , 110, 1343-1345	3.45	18
107	Liquid chromatography-electrothermal atomic absorption spectrometry for the separation and preconcentration of molybdenum in milk and infant formulas. <i>Analytica Chimica Acta</i> , <b>2007</b> , 597, 187-94	6.6	17
106	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> , <b>2007</b> , 62, 48-55	3.1	17
105	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> , <b>2017</b> , 233, 69-76	8.5	16
104	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> , <b>2017</b> , 1509, 43-49	4.5	16
103	Bioaccumulation of Polycyclic Aromatic Hydrocarbons for Forensic Assessment Using Gas Chromatography-Mass Spectrometry. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 1680-1688	4	16
102	Liquid chromatography-hydride generation-atomic fluorescence spectrometry hybridation for antimony speciation in environmental samples. <i>Talanta</i> , <b>2006</b> , 68, 1401-5	6.2	16
101	Ion chromatography-hydride generation-atomic fluorescence spectrometry speciation of tellurium. <i>Applied Organometallic Chemistry</i> , <b>2005</b> , 19, 930-934	3.1	16

100	Use of submicroliter-volume samples for extending the dynamic range of flow-injection flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , <b>1995</b> , 308, 85-95	6.6	16
99	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> , <b>2016</b> , 129, 458-465	3.5	16
98	Liquid-phase microextraction: update May 2016 to December 2018. <i>Applied Spectroscopy Reviews</i> , <b>2020</b> , 55, 307-326	4.5	16
97	Solid-phase microextraction for the gas chromatography mass spectrometric determination of oxazole fungicides in malt beverages. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 391, 1425-31	4.4	15
96	Speciation of arsenic in baby foods and the raw fish ingredients using liquid chromatography-hydride generation-atomic absorption spectrometry. <i>Chromatographia</i> , <b>2003</b> , 57, 611-616	2.1	15
95	Slurry procedures for the determination of cadmium and lead in cereal-based products using electrothermal atomic absorption spectrometry. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1994</b> , 349, 306-310		15
94	FIA titrations of sulphide, cysteine and thiol-containing drugs with chemiluminescent detection. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1993</b> , 345, 723-726		15
93	Magnetic solid-phase extraction or dispersive liquid-liquid microextraction for pyrethroid determination in environmental samples. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 2565-2575	3.4	14
92	Determination of synthetic phosphodiesterase-5 inhibitors by LC-MS in waters and human urine submitted to dispersive liquid-liquid microextraction. <i>Talanta</i> , <b>2017</b> , 174, 638-644	6.2	14
91	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> , <b>2015</b> , 8, 1315-1325	3.4	14
90	Liquid chromatographic analysis of sulfonamides in foods. <i>Chromatographia</i> , <b>1995</b> , 40, 382-386	2.1	14
89	Identification of vitamin B12 analogues by liquid chromatography with electrothermal atomic absorption detection. <i>Chromatographia</i> , <b>1996</b> , 42, 566-570	2.1	14
88	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> , <b>2009</b> , 64, 179-183	3.1	13
87	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> , <b>2003</b> , 51, 3222-7	5.7	13
86	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> , <b>2000</b> , 367, 727-32		13
85	Determination of arsenic in biological fluids by electrothermal atomic absorption spectrometry. <i>Analyst, The</i> , <b>2000</b> , 125, 313-6	5	13
84	Slurry atomization of vegetables for the electrothermal atomic absorption spectrometric analysis of lead and cadmium. <i>Food Chemistry</i> , <b>1994</b> , 50, 317-321	8.5	13
83	Flow injection dilution system for the analysis of highly concentrated samples using flame atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1994</b> , 9, 1167-1172	3.7	13



82	Linear flow gradients for automatic titrations. <i>Analytica Chimica Acta</i> , <b>1995</b> , 308, 67-76	6.6	13
81	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> , <b>2013</b> , 103, 166-171	6.2	12
80	Rapid determination of mercury in food colorants using electrothermal atomic absorption spectrometry with slurry sample introduction. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 949-954	5.7	12
79	Determination of ethoxyquin in paprika by high-performance liquid chromatography. <i>Food Chemistry</i> , <b>1991</b> , 42, 241-251	8.5	12
78	Rapid determination of calcium, magnesium, iron and zinc in flours using flow injection flame atomic absorption spectrometry for slurry atomization. <i>Food Chemistry</i> , <b>1993</b> , 46, 307-311	8.5	12
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61	Reliable analysis of chlorophenoxy herbicides in soil and water by magnetic solid phase extraction and liquid chromatography. <i>Environmental Chemistry Letters</i> , <b>2018</b> , 16, 1077-1082	13.3	9
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58	Stability of arsenobetaine levels in manufactured baby foods. <i>Journal of Food Protection</i> , <b>2003</b> , 66, 2321-2325	4.5	9
57	Headspace Gas Chromatography Coupled to Mass Spectrometry and Ion Mobility Spectrometry: Classification of Virgin Olive Oils as a Study Case. <i>Foods</i> , <b>2020</b> , 9,	4.9	9
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55	Fast Determination of Lead and Copper in Dairy Products by Graphite Furnace Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , <b>1999</b> , 82, 368-373	1.7	8
54	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> , <b>1996</b> , 355, 57-64		8
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41	Determination of Aluminium and Chromium in Slurried Baby Food Samples by Electrothermal Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , <b>2001</b> , 84, 1187-1193	1.7	6
40	Determination of methyl anthranilate and methyl N-methylantranilate in beverages by liquid chromatography with fluorescence detection. <i>Chromatographia</i> , <b>1993</b> , 35, 681-684	2.1	6
39	Catalytic titration of iodide, bromide and thiocyanate by use of the silver catalysed phloxin-persulphate reaction. <i>Talanta</i> , <b>1985</b> , 32, 218-20	6.2	6
38	Head-space gas chromatography coupled to mass spectrometry for the assessment of the contamination of mayonnaise by yeasts. <i>Food Chemistry</i> , <b>2019</b> , 289, 461-467	8.5	5
37	Determination of phenylpropanolamine and methoxamine using flow-injection with fluorimetric detection. <i>Talanta</i> , <b>1998</b> , 47, 455-62	6.2	5
36	Calibration in flame atomic absorption spectrometry using time-dependent concentration profiles. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2000</b> , 55, 849-854	3.1	5
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27	Liquid chromatographic determination of fat-soluble vitamins in paprika and paprika oleoresin. <i>Food Chemistry</i> , <b>1992</b> , 45, 349-355	8.5	4
26	Direct determination of tocopherols in paprika and paprika oleoresin by liquid chromatography. <i>Mikrochimica Acta</i> , <b>1992</b> , 106, 293-302	5.8	4
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21	Ion mobility spectrometry and mass spectrometry coupled to gas chromatography for analysis of microbial contaminated cosmetic creams. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1128, 52-61	6.6	3
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