Pilar ViÃ±as

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/105032/publications.pdf

Version: 2024-02-01

209	6,232	71061	114418
papers	citations	41 h-index	63 g-index

209	209	209	5735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-targeted analysis by DLLME-GC-MS for the monitoring of pollutants in the Mar Menor lagoon. Chemosphere, 2022, 286, 131588.	4.2	10
2	Ion mobility spectrometry as an emerging tool for characterization of the volatile profile and identification of microbial growth in pomegranate juice. Microchemical Journal, 2022, 174, 107099.	2.3	5
3	Nucleobases, Nucleosides and Nucleotides Determination in Yeasts Isolated from Extreme Environments. Chromatographia, 2022, 85, 353-363.	0.7	1
4	Authentication of recycled plastic content in water bottles using volatile fingerprint and chemometrics. Chemosphere, 2022, 297, 134156.	4.2	12
5	Occurrence of Organochlorine Pesticides in Human Tissues Assessed Using a Microextraction Procedure and Gas Chromatographyâ€“Mass Spectrometry. Journal of Analytical Toxicology, 2021, 45, 84-92.	1.7	11
6	Targeted and untargeted gas chromatography-mass spectrometry analysis of honey samples for determination of migrants from plastic packages. Food Chemistry, 2021, 334, 127547.	4.2	19
7	Development of a new methodology for the determination of N-nitrosamines impurities in ranitidine pharmaceuticals using microextraction and gas chromatography-mass spectrometry. Talanta, 2021, 223, 121659.	2.9	20
8	Monitoring Lipophilic Toxins in Seawater Using Dispersive Liquidâ€”Liquid Microextraction and Liquid Chromatography with Triple Quadrupole Mass Spectrometry. Toxins, 2021, 13, 57.	1.5	7
9	Toward Nitrite-Free Curing: Evaluation of a New Approach to Distinguish Real Uncured Meat from Cured Meat Made with Nitrite. Foods, 2021, 10, 313.	1.9	9
10	Portable Raman Spectrometer as a Screening Tool for Characterization of Iberian Dry-Cured Ham. Foods, 2021, 10, 1177.	1.9	5
11	Cellulose-ferrite nanocomposite for monitoring enniatins and beauvericins in paprika by liquid chromatography and high-resolution mass spectrometry. Talanta, 2021, 226, 122144.	2.9	10
12	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. Talanta Open, 2021, 4, 100064.	1.7	9
13	Ultrasound Assisted Extraction Approach to Test the Effect of Elastic Rubber Nettings on the N-Nitrosamines Content of Ham Meat Samples. Foods, 2021, 10, 2564.	1.9	6
14	Liquid-phase microextraction: update May 2016 to December 2018. Applied Spectroscopy Reviews, 2020, 55, 307-326.	3.4	28
15	Dual stir bar sorptive extraction coupled to thermal desorption-gas chromatography-mass spectrometry for the determination of endocrine disruptors in human tissues. Talanta, 2020, 207, 120331.	2.9	14
16	Ion mobility spectrometry and mass spectrometry coupled to gas chromatography for analysis of microbial contaminated cosmetic creams. Analytica Chimica Acta, 2020, 1128, 52-61.	2.6	6
17	Headspace Gas Chromatography Coupled to Mass Spectrometry and Ion Mobility Spectrometry: Classification of Virgin Olive Oils as a Study Case. Foods, 2020, 9, 1288.	1.9	19
18	A rapid dispersive liquidâ€“liquid microextraction of antimicrobial onion organosulfur compounds in animal feed coupled to gas chromatography-mass spectrometry. Analytical Methods, 2020, 12, 2668-2673.	1.3	6

#	Article	IF	Citations
19	Determination of amphenicol antibiotics and their glucuronide metabolites in urine samples using liquid chromatography with quadrupole time-of-flight mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1146, 122122.	1.2	16
20	Quality authentication of virgin olive oils using orthogonal techniques and chemometrics based on individual and high-level data fusion information. Talanta, 2020, 219, 121260.	2.9	10
21	Dispersive Solid-Phase Extraction using Magnetic Carbon Nanotube Composite for the Determination of Emergent Mycotoxins in Urine Samples. Toxins, 2020, 12, 51.	1.5	16
22	Liquidâ€“liquid microextraction of glyphosate, glufosinate and aminomethylphosphonic acid for the analysis of agricultural samples by liquid chromatography. Analytical Methods, 2020, 12, 2039-2045.	1.3	4
23	Bioaccumulation of Polycyclic Aromatic Hydrocarbons for Forensic Assessment Using Gas Chromatographyâ€“Mass Spectrometry. Chemical Research in Toxicology, 2019, 32, 1680-1688.	1.7	27
24	Untargeted headspace gas chromatography â€“ Ion mobility spectrometry analysis for detection of adulterated honey. Talanta, 2019, 205, 120123.	2.9	75
25	Determination of Cyanotoxins and Phycotoxins in Seawater and Algae-Based Food Supplements Using Ionic Liquids and Liquid Chromatography with Time-Of-Flight Mass Spectrometry. Toxins, 2019, 11, 610.	1.5	15
26	Microwave Assisted Cloud Point Extraction for the Determination of Vitamin K Homologues in Vegetables by Liquid Chromatography with Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2019, 67, 6658-6664.	2.4	10
27	Head-space gas chromatography coupled to mass spectrometry for the assessment of the contamination of mayonnaise by yeasts. Food Chemistry, 2019, 289, 461-467.	4.2	9
28	Gas Chromatography: Mass Spectrometry Analysis of Polyphenols in Foods. , 2019, , 285-316.		2
29	Reliable analysis of chlorophenoxy herbicides in soil and water by magnetic solid phase extraction and liquid chromatography. Environmental Chemistry Letters, 2018, 16, 1077-1082.	8.3	12
30	Magnetic solidâ€phase extraction or dispersive liquidâ€“liquid microextraction for pyrethroid determination in environmental samples. Journal of Separation Science, 2018, 41, 2565-2575.	1.3	16
31	Food and beverage applications of liquid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2018, 109, 116-123.	5.8	26
32	Determination of nitrophenols in environmental samples using stir bar sorptive extraction coupled to thermal desorption gas chromatography-mass spectrometry. Talanta, 2018, 189, 543-549.	2.9	27
33	Magnetic carbon nanotube composite for the preconcentration of parabens from water and urine samples using dispersive solid phase extraction. Journal of Chromatography A, 2018, 1564, 102-109.	1.8	41
34	Gas chromatography with mass spectrometry for the determination of phthalates preconcentrated by microextraction based on an ionic liquid. Journal of Separation Science, 2017, 40, 1310-1317.	1.3	10
35	Combination of solvent extractants for dispersive liquid-liquid microextraction of fungicides from water and fruit samples by liquid chromatography with tandem mass spectrometry. Food Chemistry, 2017, 233, 69-76.	4.2	21
36	Glyoxal and methylglyoxal as urinary markers of diabetes. Determination using a dispersive liquidâ€“liquid microextraction procedure combined with gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2017, 1509, 43-49.	1.8	30

#	Article	IF	Citations
37	Triple Quadrupole Mass Spectrometry with Liquid Chromatography and Dispersive Liquid-Liquid Microextraction for the Determination of Monoterpenes in Alcoholic Drinks. Food Analytical Methods, 2017, 10, 3615-3622.	1.3	5
38	Determination of synthetic phosphodiesterase-5 inhibitors by LC-MS2 in waters and human urine submitted to dispersive liquid-liquid microextraction. Talanta, 2017, 174, 638-644.	2.9	17
39	Magnetic solid phase extraction with CoFe2O4/oleic acid nanoparticles coupled to gas chromatography-mass spectrometry for the determination of alkylphenols in baby foods. Food Chemistry, 2017, 221, 76-81.	4.2	43
40	Ten years of dispersive liquidâ€“liquid microextraction and derived techniques. Applied Spectroscopy Reviews, 2017, 52, 267-415.	3.4	78
41	Glyoxal and methylglyoxal determination in urine by surfactant-assisted dispersive liquidâ€“liquid microextraction and LC. Bioanalysis, 2017, 9, 369-379.	0.6	13
42	Gas chromatography with mass spectrometry for the quantification of ethylene glycol ethers in different household cleaning products. Journal of Separation Science, 2016, 39, 2292-2299.	1.3	9
43	Classification and terminology in dispersive liquidâ€“liquid microextraction. Microchemical Journal, 2016, 127, 184-186.	2.3	40
44	A study of the influence on diabetes of free and conjugated bisphenol A concentrations in urine: Development of a simple microextraction procedure using gas chromatographyâ€“mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 458-465.	1.4	24
45	In situ ionic liquid dispersive liquidâ€“liquid microextraction and direct microvial insert thermal desorption for gas chromatographic determination of bisphenol compounds. Analytical and Bioanalytical Chemistry, 2016, 408, 243-249.	1.9	22
46	Determination of synthetic phenolic antioxidants in edible oils using microvial insert large volume injection gas-chromatography. Food Chemistry, 2016, 200, 249-254.	4.2	68
47	Determination of spirocyclic tetronic/tetramic acid derivatives and neonicotinoid insecticides in fruits and vegetables by liquid chromatography and mass spectrometry after dispersive liquidâ€“liquid microextraction. Food Chemistry, 2016, 202, 389-395.	4.2	60
48	Use of oleic-acid functionalized nanoparticles for the magnetic solid-phase microextraction of alkylphenols in fruit juices using liquid chromatography-tandem mass spectrometry. Talanta, 2016, 151, 217-223.	2.9	21
49	Gas chromatography-mass spectrometry using microvial insert thermal desorption for the determination of BTEX in edible oils. RSC Advances, 2016, 6, 20886-20891.	1.7	10
50	Improved sensitivity gas chromatographyâ€“mass spectrometry determination of parabens in waters using ionic liquids. Talanta, 2016, 146, 568-574.	2.9	23
51	Evaluation of the contamination of spirits by polycyclic aromatic hydrocarbons using ultrasound-assisted emulsification microextraction coupled to gas chromatographyâ€“mass spectrometry. Food Chemistry, 2016, 190, 324-330.	4.2	33
52	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. Food Analytical Methods, 2015, 8, 1315-1325.	1.3	17
53	Ultrasound assisted extraction and dispersive liquidâ€“liquid microextraction with liquid chromatography-tandem mass spectrometry for determination of alkylphenol levels in cleaning products. Analytical Methods, 2015, 7, 6718-6725.	1.3	5
54	Recent achievements in solidified floating organic drop microextraction. TrAC - Trends in Analytical Chemistry, 2015, 68, 48-77.	5.8	88

#	Article	IF	Citations
55	Dispersive liquidâ€“liquid microextraction for the determination of new generation pesticides in soils by liquid chromatography and tandem mass spectrometry. Journal of Chromatography A, 2015, 1394, 1-8.	1.8	35
56	Assessment of strobilurin fungicidesâ€™ content in soya-based drinks by liquid micro-extraction and liquid chromatography with tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1-9.	1.1	2
57	Determination of phthalate esters in cleaning and personal care products by dispersive liquidâ€“liquid microextraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2015, 1376, 18-25.	1.8	68
58	Dispersive liquidâ€“liquid microextraction for the determination of flavonoid aglycone compounds in honey using liquid chromatography with diode array detection and time-of-flight mass spectrometry. Talanta, 2015, 131, 185-191.	2.9	57
59	Ultrasound-assisted emulsification microextraction of organolead and organomanganese compounds from seawater, and their determination by GC-MS. Mikrochimica Acta, 2014, 181, 97-104.	2.5	6
60	Capillary liquid chromatography combined with pressurized liquid extraction and dispersive liquidâ€“liquid microextraction for the determination of vitamin E in cosmetic products. Journal of Pharmaceutical and Biomedical Analysis, 2014, 94, 173-179.	1.4	28
61	Dispersive liquidâ€“liquid microextraction in food analysis. A critical review. Analytical and Bioanalytical Chemistry, 2014, 406, 2067-2099.	1.9	179
62	Headspace sorptive extraction for the detection of combustion accelerants in fire debris. Forensic Science International, 2014, 238, 26-32.	1.3	24
63	Stir bar sorptive extraction polar coatings for the determination of chlorophenols and chloroanisoles in wines using gas chromatography and mass spectrometry. Talanta, 2014, 118, 30-36.	2.9	41
64	Gas Chromatographyâ€“Mass Spectrometry Analysis of Polyphenols in Foods. , 2014, , 103-157.		4
65	Use of headspace sorptive extraction coupled to gas chromatographyâ€“mass spectrometry for the analysis of volatile polycyclic aromatic hydrocarbons in herbal infusions. Journal of Chromatography A, 2014, 1356, 38-44.	1.8	19
66	Pressurized liquid extraction and dispersive liquidâ€“liquid microextraction for determination of tocopherols and tocotrienols in plant foods by liquid chromatography with fluorescence and atmospheric pressure chemical ionization-mass spectrometry detection. Talanta, 2014, 119, 98-104.	2.9	62
67	Dispersive liquidâ€”liquid microextraction for the determination of three cytokinin compounds in fruits and vegetables by liquid chromatography with time-of-flight mass spectrometry. Talanta, 2013, 116, 376-381.	2.9	31
68	Quantification of Î²-carotene, retinol, retinyl acetate and retinyl palmitate in enriched fruit juices using dispersive liquidâ€“liquid microextraction coupled to liquid chromatography with fluorescence detection and atmospheric pressure chemical ionization-mass spectrometry. Journal of Chromatography A, 2013, 1275, 1-8.	1.8	36
69	Dispersive liquidâ€“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. Talanta, 2013, 115, 806-813.	2.9	63
70	Stir bar sorptive extraction with EG-Silicone coating for bisphenols determination in personal care products by GCâ€“MS. Journal of Pharmaceutical and Biomedical Analysis, 2013, 78-79, 255-260.	1.4	53
71	Stir bar sorptive extraction with gas chromatographyâ€“mass spectrometry for the determination of resveratrol, piceatannol and oxyresveratrol isomers in wines. Journal of Chromatography A, 2013, 1315, 21-27.	1.8	41
72	Headspace sorptive extraction for the analysis of organotin compounds using thermal desorption and gas chromatography with mass spectrometry. Journal of Chromatography A, 2013, 1279, 1-6.	1.8	10

#	Article	IF	Citations
73	Dispersive liquidâ€“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. Journal of Chromatography A, 2013, 1282, 20-26.	1.8	40
74	Liquid Chromatography with Diode Array Detection and Tandem Mass Spectrometry for the Determination of Neonicotinoid Insecticides in Honey Samples Using Dispersive Liquidâ€“Liquid Microextraction. Journal of Agricultural and Food Chemistry, 2013, 61, 4799-4805.	2.4	72
75	An evaluation of cis- and trans-retinol contents in juices using dispersive liquidâ€“liquid microextraction coupled to liquid chromatography with fluorimetric detection. Talanta, 2013, 103, 166-171.	2.9	16
76	Determination of Melamine and Derivatives in Foods by Liquid Chromatography Coupled to Atmospheric Pressure Chemical Ionization Mass Spectrometry and Diode Array Detection. Analytical Letters, 2012, 45, 2508-2518.	1.0	4
77	Determination of benfothiamine in nutraceuticals using dispersive liquidâ€“liquid microextraction coupled to liquid chromatography. Analytical Methods, 2012, 4, 2759.	1.3	2
78	Stir bar sorptive extraction coupled to gas chromatographyâ€“mass spectrometry for the determination of bisphenols in canned beverages and filling liquids of canned vegetables. Journal of Chromatography A, 2012, 1247, 146-153.	1.8	120
79	Ultrasound-assisted emulsification microextraction coupled with gas chromatographyâ€“mass spectrometry using the Taguchi design method for bisphenol migration studies from thermal printer paper, toys and baby utensils. Analytical and Bioanalytical Chemistry, 2012, 404, 671-678.	1.9	35
80	Dispersive liquidâ€“liquid microextraction coupled to liquid chromatography for thiamine determination in foods. Analytical and Bioanalytical Chemistry, 2012, 403, 1059-1066.	1.9	26
81	Determination of alkylphenols and phthalate esters in vegetables and migration studies from their packages by means of stir bar sorptive extraction coupled to gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1241, 21-27.	1.8	96
82	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. Journal of Food Composition and Analysis, 2012, 25, 66-73.	1.9	40
83	Multi-walled carbon nanotubes as solid-phase extraction adsorbents for the speciation of cobalamins in seafoods by liquid chromatography. Analytical and Bioanalytical Chemistry, 2011, 401, 1393-1399.	1.9	20
84	Directly suspended droplet microextraction with in injection-port derivatization coupled to gas chromatographyâ€“mass spectrometry for the analysis of polyphenols in herbal infusions, fruits and functional foods. Journal of Chromatography A, 2011, 1218, 639-646.	1.8	79
85	Determination of volatile nitrosamines in meat products by microwave-assisted extraction and dispersive liquidâ€“liquid microextraction coupled to gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2011, 1218, 1815-1821.	1.8	101
86	Comparison of two derivatization-based methods for solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometric determination of bisphenol A, bisphenol S and biphenol migrated from food cans. Analytical and Bioanalytical Chemistry, 2010, 397, 115-125.	1.9	195
87	Evaluation of dispersive liquidâ€“liquid microextraction for the simultaneous determination of chlorophenols and haloanisoles in wines and cork stoppers using gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2010, 1217, 7323-7330.	1.8	58
88	Stir bar sorptive extraction coupled to liquid chromatography for the analysis of strobilurin fungicides in fruit samples. Journal of Chromatography A, 2010, 1217, 4529-4534.	1.8	51
89	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. Journal of Chromatography A, 2010, 1217, 5197-5203.	1.8	28
90	Liquidâ€“liquid microextraction methods based on ultrasound-assisted emulsification and single-drop coupled to gas chromatographyâ€“mass spectrometry for determining strobilurin and oxazole fungicides in juices and fruits. Journal of Chromatography A, 2010, 1217, 6569-6577.	1.8	63

#	Article	IF	Citations
91	Solid-Phase Microextraction Coupled to Gas Chromatography-Mass Spectrometry for the Analysis of Famoxadone in Wines, Fruits, and Vegetables. Spectroscopy Letters, 2009, 42, 320-326.	0.5	10
92	Preconcentration and determination of boron in milk, infant formula, and honey samples by solid phase extraction-electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 179-183.	1.5	14
93	Method development and validation for strobilurin fungicides in baby foods by solid-phase microextraction gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2009, 1216, 140-146.	1.8	68
94	Solid-phase microextraction on-fiber derivatization for the analysis of some polyphenols in wine and grapes using gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2009, 1216, 1279-1284.	1.8	87
95	Anion Exchange Liquid Chromatography for the Determination of Nucleotides in Baby and/or Functional Foods. Journal of Agricultural and Food Chemistry, 2009, 57, 7245-7249.	2.4	22
96	Ion-exchange preconcentration and determination of vanadium in milk samples by electrothermal atomic absorption spectrometry. Talanta, 2009, 78, 1458-1463.	2.9	27
97	A headspace solid-phase microextraction procedure coupled with gas chromatographyâ€“mass spectrometry for the analysis of volatile polycyclic aromatic hydrocarbons in milk samples. Analytical and Bioanalytical Chemistry, 2008, 391, 753-758.	1.9	33
98	Solid-phase microextraction for the gas chromatography mass spectrometric determination of oxazole fungicides in malt beverages. Analytical and Bioanalytical Chemistry, 2008, 391, 1425-1431.	1.9	19
99	Evaluation of solid-phase microextraction conditions for the determination of polycyclic aromatic hydrocarbons in aquatic species using gas chromatography. Analytical and Bioanalytical Chemistry, 2008, 391, 1419-1424.	1.9	26
100	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. Analytica Chimica Acta, 2008, 611, 119-125.	2.6	44
101	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. Journal of Chromatography A, 2008, 1194, 178-183.	1.8	48
102	Speciation of arsenic using capillary gas chromatography with atomic emission detection. Talanta, 2008, 77, 793-799.	2.9	44
103	Liquid chromatography on an amide stationary phase with post-column derivatization and fluorimetric detection for the determination of streptomycin and dihydrostreptomycin in foods. Talanta, 2007, 72, 808-812.	2.9	56
104	Use of headspace solid-phase microextraction coupled to liquid chromatography for the analysis of polycyclic aromatic hydrocarbons in tea infusions. Journal of Chromatography A, 2007, 1164, 10-17.	1.8	59
105	Determination of 16 polycyclic aromatic hydrocarbons in milk and related products using solid-phase microextraction coupled to gas chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2007, 596, 285-290.	2.6	123
106	Liquid chromatographyâ€“electrothermal atomic absorption spectrometry for the separation and preconcentration of molybdenum in milk and infant formulas. Analytica Chimica Acta, 2007, 597, 187-194.	2.6	20
107	Fast determination of phosphorus in honey, milk and infant formulas by electrothermal atomic absorption spectrometry using a slurry sampling procedure. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 48-55.	1.5	17
108	Liquid chromatographyâ€“hydride generationâ€“atomic fluorescence spectrometry hybridation for antimony speciation in environmental samples. Talanta, 2006, 68, 1401-1405.	2.9	19

#	Article	IF	Citations
109	Liquid chromatographic determination of phenol, thymol and carvacrol in honey using fluorimetric detection. Talanta, 2006, 69, 1063-1067.	2.9	54
110	Determination of chloramphenicol residues in animal feeds by liquid chromatography with photo-diode array detection. Analytica Chimica Acta, 2006, 558, 11-15.	2.6	28
111	Analysis of Nitrofuran Residues in Animal Feed Using Liquid Chromatography and Photodiode-Array Detection. Chromatographia, 2006, 65, 85-89.	0.7	25
112	Determination of selenium species in infant formulas and dietetic supplements using liquid chromatographyâ€“hydride generation atomic fluorescence spectrometry. Analytica Chimica Acta, 2005, 535, 49-56.	2.6	39
113	Capillary gas chromatography with atomic emission detection for determining chlorophenols in water and soil samples. Analytica Chimica Acta, 2005, 552, 182-189.	2.6	25
114	Gas chromatography with atomic emission detection for dimethylselenide and dimethyldiselenide determination in waters and plant materials using a purge-and-trap preconcentration system. Journal of Chromatography A, 2005, 1095, 138-144.	1.8	14
115	Ion chromatography-hydride generation-atomic fluorescence spectrometry speciation of tellurium. Applied Organometallic Chemistry, 2005, 19, 930-934.	1.7	17
116	Liquid chromatography with ultraviolet absorbance detection for the analysis of tetracycline residues in honey. Journal of Chromatography A, 2004, 1022, 125-129.	1.8	115
117	Purge-and-trap capillary gas chromatography with atomic emission detection for volatile halogenated organic compounds determination in waters and beverages. Journal of Chromatography A, 2004, 1035, 1-8.	1.8	44
118	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. Journal of Chromatography A, 2004, 1061, 85-91.	1.8	49
119	Speciation of organotin compounds in waters and marine sediments using purge-and-trap capillary gas chromatography with atomic emission detection. Analytica Chimica Acta, 2004, 525, 273-280.	2.6	29
120	Liquid chromatography-hydride generation-atomic absorption spectrometry for the speciation of tin in seafoods. Journal of Environmental Monitoring, 2004, 6, 262-266.	2.1	12
121	Liquid Chromatographic Analysis of Riboflavin Vitamers in Foods Using Fluorescence Detection. Journal of Agricultural and Food Chemistry, 2004, 52, 1789-1794.	2.4	81
122	Determination of volatile halogenated organic compounds in soils by purge-and-trap capillary gas chromatography with atomic emission detection. Talanta, 2004, 64, 584-589.	2.9	32
123	Determination of Vitamin B6 Compounds in Foods Using Liquid Chromatography with Post-Column Derivatization Fluorescence Detection. Chromatographia, 2004, 59, 381-386.	0.7	12
124	Speciation of arsenic in baby foods and the raw fish ingredients using liquid chromatography-hydride generation-atomic absorption spectrometry. Chromatographia, 2003, 57, 611-616.	0.7	20
125	Placental Cadmium and Lipid Peroxidation in Smoking Women Related to Newborn Anthropometric Measurements. Archives of Environmental Contamination and Toxicology, 2003, 45, 278-282.	2.1	15
126	Placental lead and outcome of pregnancy. Toxicology, 2003, 185, 59-66.	2.0	77

#	Article	IF	Citations
127	Reversed-phase liquid chromatography on an amide stationary phase for the determination of the B group vitamins in baby foods. Journal of Chromatography A, 2003, 1007, 77-84.	1.8	87
128	Capillary Gas Chromatography with Atomic Emission Detection for Pesticide Analysis in Soil Samples. Journal of Agricultural and Food Chemistry, 2003, 51, 3704-3708.	2.4	18
129	Determination of Thiamine and Its Esters in Beers and Raw Materials Used for Their Manufacture by Liquid Chromatography with Postcolumn Derivatization. Journal of Agricultural and Food Chemistry, 2003, 51, 3222-3227.	2.4	19
130	Stability of Arsenobetaine Levels in Manufactured Baby Foods. Journal of Food Protection, 2003, 66, 2321-2324.	0.8	9
131	Environmental Exposures to Lead and Cadmium Measured in Human Placenta. Archives of Environmental Health, 2002, 57, 598-602.	0.4	25
132	Rapid Determination of Mercury in Food Colorants Using Electrothermal Atomic Absorption Spectrometry with Slurry Sample Introduction. Journal of Agricultural and Food Chemistry, 2002, 50, 949-954.	2.4	14
133	Determination of vanadium, molybdenum and chromium in soils, sediments and sludges by electrothermal atomic absorption spectrometry with slurry sample introduction. Journal of Analytical Atomic Spectrometry, 2002, 17, 1429-1433.	1.6	28
134	Automation of the standard additions method in flame atomic absorption spectrometry. Talanta, 2002, 56, 787-796.	2.9	13
135	Determination of Cadmium, Aluminium, and Copper in Beer and Products Used in Its Manufacture by Electrothermal Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2002, 85, 736-743.	0.7	23
136	A manifold for the automatic dilution of concentrated solutions in flame atomic absorption spectrometry. Analytical and Bioanalytical Chemistry, 2002, 372, 587-592.	1.9	5
137	Determination of pesticides in waters by capillary gas chromatography with atomic emission detection. Journal of Chromatography A, 2002, 978, 249-256.	1.8	30
138	Determination of cadmium, aluminium, and copper in beer and products used in its manufacture by electrothermal atomic absorption spectrometry. Journal of AOAC INTERNATIONAL, 2002, 85, 736-43.	0.7	5
139	Determination of mercury in baby food and seafood samples using electrothermal atomic absorption spectrometry and slurry atomization. Journal of Analytical Atomic Spectrometry, 2001, 16, 633-637.	1.6	26
140	Peristaltic pumps and Fourier transforms in flame atomic absorption spectrometry: use of standard additions method and on-line dilution procedures. Journal of Analytical Atomic Spectrometry, 2001, 16, 1185-1189.	1.6	9
141	Slurry atomisation for the determination of arsenic, cadmium and lead in food colourants using electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2001, 16, 1202-1205.	1.6	13
142	Determination of Aluminium and Chromium in Slurried Baby Food Samples by Electrothermal Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2001, 84, 1187-1193.	0.7	7
143	Comparison of ion-pair and amide-based column reversed-phase liquid chromatography for the separation of thiamine-related compounds. Biomedical Applications, 2001, 757, 301-308.	1.7	19
144	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. Analytica Chimica Acta, 2001, 441, 29-36.	2.6	43

#	Article	IF	Citations
145	Selenium Determination in Biological Fluids Using Zeeman Background Correction Electrothermal Atomic Absorption Spectrometry. Analytical Biochemistry, 2000, 280, 195-200.	1.1	31
146	Determination of phenols in wines by liquid chromatography with photodiode array and fluorescence detection. Journal of Chromatography A, 2000, 871, 85-93.	1.8	128
147	Calibration in flame atomic absorption spectrometry using time-dependent concentration profiles. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2000, 55, 849-854.	1.5	5
148	Rapid determination of selenium, lead and cadmium in baby food samples using electrothermal atomic absorption spectrometry and slurry atomization. Analytica Chimica Acta, 2000, 412, 121-130.	2.6	92
149	Rapid determination of lead and cadmium in sewage sludge samples using electrothermal atomic absorption spectrometry with slurry sample introduction. Fresenius' Journal of Analytical Chemistry, 2000, 367, 727-732.	1.5	14
150	Flow-Injection Fluorimetric Determination of Thiamine in Pharmaceutical Preparations. Mikrochimica Acta, 2000, 134, 83-87.	2.5	14
151	Determination of clenbuterol in pharmaceutical preparations by reaction with o-phthalaldehyde using a flow-injection fluorimetric procedure. Talanta, 2000, 53, 47-53.	2.9	21
152	Determination of arsenic in biological fluids by electrothermal atomic absorption spectrometry. Analyst, The, 2000, 125, 313-316.	1.7	22
153	Determination of Copper, Cobalt, Nickel, and Manganese in Baby Food Slurries Using Electrothermal Atomic Absorption Spectrometry. Journal of Agricultural and Food Chemistry, 2000, 48, 5789-5794.	2.4	30
154	Fast Determination of Lead and Copper in Dairy Products by Graphite Furnace Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 1999, 82, 368-373.	0.7	10
155	Rapid determination of lead and cadmium in biological fluids by electrothermal atomic absorption spectrometry using Zeeman correction. Analytica Chimica Acta, 1999, 390, 207-215.	2.6	40
156	Slurry atomization for the determination of arsenic in baby foods using electrothermal atomic absorption spectrometry and deuterium background correction. Journal of Analytical Atomic Spectrometry, 1999, 14, 1215-1219.	1.6	39
157	Determination of molybdenum, chromium and aluminium in human urine by electrothermal atomic absorption spectrometry using fast-programme methodology. Talanta, 1999, 48, 905-912.	2.9	26
158	Fast determination of calcium, magnesium and zinc in honey using continuous flow flame atomic absorption spectrometry. Talanta, 1999, 49, 597-602.	2.9	38
159	Direct determination of copper and zinc in cow milk, human milk and infant formula samples using electrothermal atomization atomic absorption spectrometry. Talanta, 1998, 46, 615-622.	2.9	35
160	Determination of phenylpropanolamine and methoxamine using flow-injection with fluorimetric detection. Talanta, 1998, 47, 455-462.	2.9	9
161	Determination of Paraquat in Waters by Enzymatic Inhibition Using Flow-Injection Analysis. International Journal of Environmental Analytical Chemistry, 1998, 72, 267-274.	1.8	2
162	Direct Determination of Lead, Cadmium, Zinc, and Copper in Honey by Electrothermal Atomic Absorption Spectrometry using Hydrogen Peroxide as a Matrix Modifier. Journal of Agricultural and Food Chemistry, 1997, 45, 3952-3956.	2.4	55

#	Article	IF	Citations
163	Rapid determination of lead, cadmium and thallium in cements using electrothermal atomic absorption spectrometry with slurry sample introduction. Fresenius' Journal of Analytical Chemistry, 1997, 357, 642-646.	1.5	13
164	Use of post-column fluorescence derivatization to develop a liquid chromatographic assay for ranitidine and its metabolites in biological fluids. Biomedical Applications, 1997, 693, 443-449.	1.7	23
165	Determination of p-hydroxyphenylglycine by reaction with o-phthalaldehyde using a flow-injection fluorimetric procedure. Journal of Pharmaceutical and Biomedical Analysis, 1997, 16, 453-457.	1.4	5
166	Electrothermal atomic absorption spectrometric determination of molybdenum, aluminium, chromium and manganese in milk. Analytica Chimica Acta, 1997, 356, 267-276.	2.6	40
167	Determination of Selenium in Seafoods Using Electrothermal Atomic Absorption Spectrometry with Slurry Sample Introduction. Journal of Agricultural and Food Chemistry, 1996, 44, 836-841.	2.4	24
168	Flow injectionâ€“fluorimetric method for the determination of ranitidine in pharmaceutical preparations using o-phthalaldehyde. Analyst, The, 1996, 121, 1043-1046.	1.7	40
169	Identification of vitamin B12 analogues by liquid chromatography with electrothermal atomic absorption detection. Chromatographia, 1996, 42, 566-570.	0.7	21
170	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. Fresenius' Journal of Analytical Chemistry, 1996, 355, 57-64.	1.5	12
171	Automatic calibration in continuous flow analysis. Analytica Chimica Acta, 1996, 327, 83-93.	2.6	9
172	Peristaltic pumps-Fourier transforms: a coupling of interest in continuous flow flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 1761-1768.	1.5	13
173	Speciation of vitamin B12 analogues by liquid chromatography with flame atomic absorption spectrometric detection. Analytica Chimica Acta, 1996, 318, 319-325.	2.6	55
174	Determination of sulphonamides in foods by liquid chromatography with postcolumn fluorescence derivatization. Journal of Chromatography A, 1996, 726, 125-131.	1.8	26
175	Use of submicroliter-volume samples for extending the dynamic range of flow-injection flame atomic absorption spectrometry. Analytica Chimica Acta, 1995, 308, 85-95.	2.6	21
176	Linear flow gradients for automatic titrations. Analytica Chimica Acta, 1995, 308, 67-76.	2.6	18
177	Liquid chromatographic analysis of sulfornamides in foods. Chromatographia, 1995, 40, 382-386.	0.7	15
178	Determination of aluminium in chewing gum samples using electrothermal atomic-absorption spectrometry and slurry sample introduction. Fresenius' Journal of Analytical Chemistry, 1995, 351, 695-696.	1.5	6
179	Slurry-electrothermal atomic absorption spectrometric determination of aluminium and chromium in vegetables using hydrogen peroxide as a matrix modifier. Talanta, 1995, 42, 527-533.	2.9	42
180	Slurry atomization of vegetables for the electrothermal atomic absorption spectrometric analysis of lead and cadmium. Food Chemistry, 1994, 50, 317-321.	4.2	25

#	Article	IF	Citations
181	Slurry procedures for the determination of cadmium and lead in cereal-based products using electrothermal atomic absorption spectrometry. Fresenius' Journal of Analytical Chemistry, 1994, 349, 306-310.	1.5	27
182	Flow-injection fluorimetric analysis of sulfamethoxazole in pharmaceutical preparations and biological fluids. Talanta, 1994, 41, 2159-2164.	2.9	11
183	Slurryâ€“electrothermal atomic absorption spectrometric methods for the determination of copper, lead, zinc, iron and chromium in sweets and chewing gum after partial dry ashing. Analyst, The, 1994, 119, 1119-1123.	1.7	28
184	Calibration in flame atomic absorption spectrometry using a single standard and a gradient technique. Journal of Analytical Atomic Spectrometry, 1994, 9, 553-561.	1.6	23
185	Flow injection dilution system for the analysis of highly concentrated samples using flame atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1994, 9, 1167-1172.	1.6	16
186	Flow-injection flame atomic absorption spectrometry for slurry atomization. Determination of calcium, magensium, iron, zinc and manganese in vegetables. Analytica Chimica Acta, 1993, 283, 393-400.	2.6	30
187	Rapid determination of calcium, magnesium, iron and zinc in flours using flow injection flame atomic absorption spectrometry for slurry atomization. Food Chemistry, 1993, 46, 307-311.	4.2	21
188	Determination of thiol-containing drugs by chemiluminescenceâ€”flow injection analysis. Journal of Pharmaceutical and Biomedical Analysis, 1993, 11, 15-20.	1.4	45
189	FIA titrations of sulphide, cysteine and thiol-containing drugs with chemiluminescent detection. Fresenius' Journal of Analytical Chemistry, 1993, 345, 723-726.	1.5	20
190	Determination of methyl anthranilate and methyl N-methylanthranilate in beverages by liquid chromatography with fluorescence detection. Chromatographia, 1993, 35, 681-684.	0.7	6
191	Analysis of copper in biscuits and bread using a fast-program slurry electrothermal atomic absorption procedure. Journal of Agricultural and Food Chemistry, 1993, 41, 2024-2027.	2.4	11
192	Slurry procedure for the determination of titanium in plant materials using electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1992, 7, 529-532.	1.6	19
193	Liquid chromatographic determination of fat-soluble vitamins in paprika and paprika oleoresin. Food Chemistry, 1992, 45, 349-355.	4.2	7
194	Simultaneous liquid chromatographic analysis of 5-(hydroxymethyl)-2-furaldehyde and methyl anthranilate in honey. Food Chemistry, 1992, 44, 67-72.	4.2	35
195	Direct determination of tocopherols in paprika and paprika oleoresin by liquid chromatography. Mikrochimica Acta, 1992, 106, 293-302.	2.5	7
196	Determination of ethoxyquin in paprika by high-performance liquid chromatography. Food Chemistry, 1991, 42, 241-251.	4.2	14
197	Flow injection analysis and batch procedures for the routine determination of N-penicillamine. Microchemical Journal, 1990, 41, 2-9.	2.3	13
198	Catalytic titration of N-penicillamine, N-acetylcysteine, cysteine and 2-mercaptopropionylglycine. Analyst, The, 1990, 115, 757-760.	1.7	14

#	Article	IF	Citations
199	Determination of Nitrite by Reverse Flow Injection Analysis. International Journal of Environmental Analytical Chemistry, 1988, 32, 279-289.	1.8	1
200	Kinetic determination of iodide, based on the chlorpromazineâ€"bromate reaction. Talanta, 1987, 34, 351-354.	2.9	13
201	Catalytic method for the determination of ruthenium in the presence of other noble metals. Analyst, The, 1987, 112, 1019-1022.	1.7	8
202	Radioimmunoassay of alpha rat atrial natriuretic peptide. Neuropeptides, 1986, 7, 159-173.	0.9	32
203	Kinetic determination of traces of manganese in different materials by its catalytic effect on the methylene green-periodate reaction. Talanta, 1986, 33, 135-139.	2.9	8
204	Determination of vanadium in petroleum products by a catalytic method. Analyst, The, 1985, 110, 1343-1345.	1.7	21
205	Catalytic titration of iodide, bromide and thiocyanate by use of the silver catalysed phloxin-persulphate reaction. Talanta, 1985, 32, 218-220.	2.9	6
206	Kinetic determination of traces of cysteine by its inhibitory effect on the silver-catalysed phloxin-persulphate reaction. Talanta, 1985, 32, 221-223.	2.9	6
207	Localisation and plasma release of atrial natriuretic peptide immunoreactivity (ANP-IR) in the rat. Regulatory Peptides, 1984, 9, 328.	1.9	2
208	A comparison of cationic polymerization and esterification for end-point detection in the catalytic thermometric titration of organic bases. Talanta, 1984, 31, 611-614.	2.9	5
209	Free and glycosylated aroma compounds in grape monitored by solidâ€liquid extraction and dispersive liquidâ€liquid microextraction combined with gas chromatographyâ€mass spectrometry. Journal of Separation Science, 0, , .	1.3	2