Juan F GarcÃa-Reyes

List of Publications by Year
in descending order

138 papers	6,545 citations	47006 47 h-index	76900 74 g-index
144 all docs	144 docs citations	144 times ranked	5888 citing authors

#	Article	IF	Citations
1	Application of Liquid Chromatography/Quadrupole-Linear Ion Trap Mass Spectrometry and Time-of-Flight Mass Spectrometry to the Determination of Pharmaceuticals and Related Contaminants in Wastewater. Analytical Chemistry, 2007, 79, 9372-9384.	6.5	279
2	Sample treatment and determination of pesticide residues in fatty vegetable matrices: A review. Talanta, 2009, 79, 109-128.	5.5	245
3	Determination of pesticide residues in olives and olive oil by matrix solid-phase dispersion followed by gas chromatography/mass spectrometry and liquid chromatography/tandem mass spectrometry. Journal of Chromatography A, 2005, 1069, 183-194.	3.7	221
4	Multi-residue pesticide analysis in fruits and vegetables by liquid chromatographyâ€“time-of-flight mass spectrometry. Journal of Chromatography A, 2005, 1082, 81-90.	3.7	191
5	Determination of pesticide residues in olive oil and olives. TrAC - Trends in Analytical Chemistry, 2007, 26, 239-251.	11.4	152
6	Detection of Explosives and Related Compounds by Low-Temperature Plasma Ambient Ionization Mass Spectrometry. Analytical Chemistry, 2011, 83, 1084-1092.	6.5	152
7	Accurate-Mass Databases for Comprehensive Screening of Pesticide Residues in Food by Fast Liquid Chromatography Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2009, 81, 913-929.	6.5	150
8	Desorption Electrospray Ionization Mass Spectrometry for Trace Analysis of Agrochemicals in Food. Analytical Chemistry, 2009, 81, 820-829.	6.5	141
9	Chemical evaluation of contaminants in wastewater effluents and the environmental risk of reusing effluents in agriculture. TrAC - Trends in Analytical Chemistry, 2009, 28, 676-694.	11.4	136
10	Comprehensive screening of target, non-target and unknown pesticides in food by LC-TOF-MS. TrAC - Trends in Analytical Chemistry, 2007, 26, 828-841.	11.4	132
11	Identification of Pesticide Transformation Products in Food by Liquid Chromatography/Time-of-Flight Mass Spectrometry via â€œFragmentationâ€ Degradationâ€•Relationships. Analytical Chemistry, 2007, 79, 307-321.	6.5	127
12	Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of JaÃ©n, South East Spain. Science of the Total Environment, 2014, 479-480, 247-257.	8.0	127
13	Large-scale multi-residue methods for pesticides and their degradation products in food by advanced LC-MS. TrAC - Trends in Analytical Chemistry, 2008, 27, 973-990.	11.4	126
14	Large Scale Pesticide Multiresidue Methods in Food Combining Liquid Chromatographyâ€“ Time-of-Flight Mass Spectrometry and Tandem Mass Spectrometry. Analytical Chemistry, 2007, 79, 7308-7323.	6.5	114
15	Analysis of drugs of abuse in biofluids by low temperature plasma (LTP) ionization mass spectrometry. Analyst, The, 2010, 135, 927.	3.5	112
16	Discovering metabolites of post-harvest fungicides in citrus with liquid chromatography/time-of-flight mass spectrometry and ion trap tandem mass spectrometry. Journal of Chromatography A, 2005, 1082, 71-80.	3.7	110
17	Large-scale pesticide testing in olives by liquid chromatographyâ€“electrospray tandem mass spectrometry using two sample preparation methods based on matrix solid-phase dispersion and QuEChERS. Journal of Chromatography A, 2010, 1217, 6022-6035.	3.7	106
18	Determination of Pesticide Residues in Fruit-Based Soft Drinks. Analytical Chemistry, 2008, 80, 8966-8974.	6.5	101

#	Article	IF	Citations
19	Multi-residue method for the determination of over 400 priority and emerging pollutants in water and wastewater by solid-phase extraction and liquid chromatography-time-of-flight mass spectrometry. Journal of Chromatography A, 2014, 1350, 30-43.	3.7	101
20	Screening of agrochemicals in foodstuffs using low-temperature plasma (LTP) ambient ionization mass spectrometry. Analyst, The, 2010, 135, 971.	3.5	97
21	Multiclass detection and quantitation of antibiotics and veterinary drugs in shrimps by fast liquid chromatography time-of-flight mass spectrometry. Talanta, 2011, 85, 1419-1427.	5.5	90
22	Identification and quantitation of pesticides in vegetables by liquid chromatography time-of-flight mass spectrometry. TrAC - Trends in Analytical Chemistry, 2005, 24, 671-682.	11.4	89
23	Inâ€source fragmentation and accurate mass analysis of multiclass flavonoid conjugates by electrospray ionization timeâ€ofâ€flight mass spectrometry. Journal of Mass Spectrometry, 2011, 46, 478-488.	1.6	76
24	Behavior of amoxicillin in wastewater and river water: identification of its main transformation products by liquid chromatography/electrospray quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 731-742.	1.5	75
25	Application of high-performance liquid chromatographyâ€“tandem mass spectrometry with a quadrupole/linear ion trap instrument for the analysis of pesticide residues in olive oil. Analytical and Bioanalytical Chemistry, 2007, 389, 1815-1831.	3.7	73
26	Evaluation of different cleanup sorbents for multiresidue pesticide analysis in fatty vegetable matrices by liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2016, 1456, 89-104.	3.7	73
27	Use of an accurate-mass database for the systematic identification of transformation products of organic contaminants in wastewater effluents. Journal of Chromatography A, 2011, 1218, 8002-8012.	3.7	72
28	Direct olive oil analysis by lowâ€temperature plasma (LTP) ambient ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 3057-3062.	1.5	71
29	Searching for non-target chlorinated pesticides in food by liquid chromatography/time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 2780-2788.	1.5	64
30	Analyses of pesticide residues in fruit-based baby food by liquid chromatography/electrospray ionization time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 2059-2071.	1.5	64
31	Determination of Postharvest Fungicides in Fruit Juices by Solid-Phase Extraction Followed by Liquid Chromatography Electrospray Time-of-Flight Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2007, 55, 10548-10556.	5.2	62
32	Evaluation of two sample treatment methodologies for large-scale pesticide residue analysis in olive oil by fast liquid chromatographyâ€“electrospray mass spectrometry. Journal of Chromatography A, 2010, 1217, 3736-3747.	3.7	59
33	Screening and quantitation of multiclass drugs of abuse and pharmaceuticals in hair by fast liquid chromatography electrospray time-of-flight mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2034-2042.	2.3	58
34	Generic sample treatment method for simultaneous determination of multiclass pesticides and mycotoxins in wines by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1249, 32-40.	3.7	58
35	Ambient Diode Laser Desorption Dielectric Barrier Discharge Ionization Mass Spectrometry of Nonvolatile Chemicals. Analytical Chemistry, 2013, 85, 3174-3182.	6.5	58
36	Degradation of caffeine by conductive diamond electrochemical oxidation. Chemosphere, 2013, 93, 1720-1725.	8.2	58

#	Article	IF	Citations
37	State of the art of environmentally friendly sample preparation approaches for determination of PBDEs and metabolites in environmental and biological samples: A critical review. Analytica Chimica Acta, 2016, 905, 24-41.	5.4	57
38	Fast separation liquid chromatographyâ€“tandem mass spectrometry for the confirmation and quantitative analysis of avermectin residues in food. Journal of Chromatography A, 2007, 1155, 62-73.	3.7	56
39	Retrospective screening of relevant pesticide metabolites in food using liquid chromatography high resolution mass spectrometry and accurate-mass databases of parent molecules and diagnostic fragment ions. Journal of Chromatography A, 2012, 1249, 83-91.	3.7	56
40	Matrix-effect free multi-residue analysis of veterinary drugs in food samples of animal origin by nanoflow liquid chromatography high resolution mass spectrometry. Food Chemistry, 2018, 245, 29-38.	8.2	53
41	Evaluation of nanoflow liquid chromatography high resolution mass spectrometry for pesticide residue analysis in food. Journal of Chromatography A, 2017, 1512, 78-87.	3.7	52
42	Simultaneous testing of multiclass organic contaminants in food and environment by liquid chromatography/dielectric barrier discharge ionization-mass spectrometry. Analyst, The, 2012, 137, 5403.	3.5	51
43	A multicommuted fluorescence-based sensing system for simultaneous determination of Vitamins B2 and B6. Analytica Chimica Acta, 2006, 555, 128-133.	5.4	50
44	Use of a modified QuEChERS method for the determination of mycotoxin residues in edible nuts by nano flow liquid chromatography high resolution mass spectrometry. Food Chemistry, 2019, 279, 144-149.	8.2	50
45	Analysis of Herbicides in Olive Oil by Liquid Chromatography Time-of-Flight Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2006, 54, 6493-6500.	5.2	49
46	Comprehensive evaluation of the clean-up step in QuEChERS procedure for the multi-residue determination of pesticides in different vegetable oils using LC-MS/MS. Analytical Methods, 2012, 4, 1142.	2.7	49
47	Multi-residue determination of pesticides in fruit-based soft drinks by fast liquid chromatography time-of-flight mass spectrometry. Talanta, 2010, 81, 1310-1321.	5.5	48
48	Overcoming matrix effects in electrospray: Quantitation of Î²-agonists in complex matrices by isotope dilution liquid chromatographyâ€“mass spectrometry using singly 13C-labeled analogues. Journal of Chromatography A, 2013, 1288, 40-47.	3.7	48
49	Basin-scale monitoring and risk assessment of emerging contaminants in South American Atlantic coastal lagoons. Science of the Total Environment, 2019, 697, 134058.	8.0	48
50	Application of ionizing radiation in decomposition of perfluorooctanoate (PFOA) in waters. Chemical Engineering Journal, 2019, 357, 698-714.	12.7	47
51	Terbium-sensitized luminescence optosensor for the determination of norfloxacin in biological fluids. Analytica Chimica Acta, 2005, 532, 159-164.	5.4	46
52	Determination of polar pesticides in olive oil and olives by hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry and high resolution mass spectrometry. Talanta, 2016, 158, 222-228.	5.5	46
53	Screening of Over 600 Pesticides, Veterinary Drugs, Food-Packaging Contaminants, Mycotoxins, and Other Chemicals in Food by Ultra-High Performance Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry (UHPLC-QTOFMS). Food Analytical Methods, 2017, 10, 1216-1244.	2.6	43
54	Solid-phase spectroscopy from the point of view of green analytical chemistry. TrAC - Trends in Analytical Chemistry, 2010, 29, 654-666.	11.4	40

#	Article	IF	Citations
55	Ambient (desorption/ionization) mass spectrometry methods for pesticide testing in food: a review. Analytical Methods, 2020, 12, 4831-4852.	2.7	40
56	Determination of fungicide residues in baby food by liquid chromatographyâ€“ion trap tandem mass spectrometry. Food Chemistry, 2012, 135, 780-786.	8.2	39
57	Direct olive oil analysis by mass spectrometry: A comparison of different ambient ionization methods. Talanta, 2018, 180, 168-175.	5.5	39
58	Analyses of selected non-authorized insecticides in peppers by gas chromatography/mass spectrometry and gas chromatography/tandem mass spectrometry. Food Chemistry, 2009, 112, 221-225.	8.2	37
59	A feasibility study of UHPLC-HRMS accurate-mass screening methods for multiclass testing of organic contaminants in food. Talanta, 2016, 160, 704-712.	5.5	37
60	Gel-surface enhanced fluorescence sensing system coupled to a continuous-flow assembly for simultaneous monitoring of benomyl and carbendazim. Analytica Chimica Acta, 2003, 493, 35-45.	5.4	36
61	Study of different HILIC, mixed-mode, and other aqueous normal-phase approaches for the liquid chromatography/mass spectrometry-based determination of challenging polar pesticides. Analytical and Bioanalytical Chemistry, 2016, 408, 4857-4869.	3.7	36
62	Comparative evaluation of liquidâ€“liquid extraction, solid-phase extraction and solid-phase microextraction for the gas chromatographyâ€“mass spectrometry determination of multiclass priority organic contaminants in wastewater. Talanta, 2013, 117, 382-391.	5.5	35
63	Performance of dielectric barrier discharge ionization mass spectrometry for pesticide testing: a comparison with atmospheric pressure chemical ionization and electrospray ionization. Rapid Communications in Mass Spectrometry, 2013, 27, 419-429.	1.5	35
64	Experimental and theoretical determination of pesticide processing factors to model their behavior during virgin olive oil production. Food Chemistry, 2018, 239, 9-16.	8.2	35
65	Determination of thiabendazole residues in citrus fruits using a Multicommuted fluorescence-based optosensor. Analytica Chimica Acta, 2006, 557, 95-100.	5.4	34
66	Determination of pesticides in milk-based infant formulas by pressurized liquid extraction followed by gas chromatography tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2007, 389, 1833-1840.	3.7	34
67	Detection of main urinary metabolites of Î²2-agonists clenbuterol, salbutamol and terbutaline by liquid chromatography high resolution mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 923-924, 128-135.	2.3	34
68	Analytical, toxicological and kinetic investigation of decomposition of the drug diclofenac in waters and wastes using gamma radiation. Environmental Science and Pollution Research, 2015, 22, 20255-20270.	5.3	33
69	UV SPECTROPHOTOMETRIC FLOW-THROUGH MULTIPARAMETER SENSOR FOR THE SIMULTANEOUS DETERMINATION OF ACETAMINOPHEN, ACETYLSALICYLIC ACID, AND CAFFEINE. Analytical Letters, 2002, 35, 2433-2447.	1.8	32
70	Use of dielectric barrier discharge ionization to minimize matrix effects and expand coverage in pesticide residue analysis by liquid chromatography-mass spectrometry. Analytica Chimica Acta, 2018, 1020, 76-85.	5.4	32
71	Rapid determination of BTEXS in olives and olive oil by headspace-gas chromatography/mass spectrometry (HS-GCâ€“MS). Talanta, 2010, 83, 391-399.	5.5	31
72	Multiwavelength fluorescence based optosensor for simultaneous determination of fuberidazole, carbaryl and benomyl. Talanta, 2004, 64, 742-749.	5.5	30

#	Article	IF	Citations
73	Study on the occurrence of pesticide residues in fruit-based soft drinks from the EU market and morocco using liquid chromatographyâ€“mass spectrometry. Food Control, 2012, 26, 341-346.	5.5	29
74	Determination of selected nonâ€authorized insecticides in peppers by liquid chromatography timeâ€ofâ€flight mass spectrometry and tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 1384-1392.	1.5	28
75	Comparative evaluation of seven different sample treatment approaches for large-scale multiclass sport drug testing in urine by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2014, 1361, 34-42.	3.7	28
76	Development of a Single Fluorescence-Based Optosensor for Rapid Simultaneous Determination of Fungicides Benomyl and Thiabendazole in Waters and Commercial Formulations. Journal of Agricultural and Food Chemistry, 2004, 52, 2197-2202.	5.2	27
77	Development of a solid surface fluorescence-based sensing system for aluminium monitoring in drinking water. Talanta, 2005, 65, 1203-1208.	5.5	27
78	The relationship of selenium tolerance and speciation in Lecythidaceae species. Metallomics, 2013, 5, 1663.	2.4	27
79	Quantification of Se-Methylselenocysteine and Its Î³-Glutamyl Derivative from Naturally Se-Enriched Green Bean (Phaseolus vulgaris vulgaris) After HPLC-ESI-TOF-MS and Orbitrap MS n -Based Identification. Food Analytical Methods, 2014, 7, 1147-1157.	2.6	27
80	Determination of Polyphenols in Commercial Extra Virgin Olive Oils from Different Origins (Mediterranean and South American Countries) by Liquid Chromatographyâ€“Electrospray Time-of-Flight Mass Spectrometry. Food Analytical Methods, 2014, 7, 1824-1833.	2.6	26
81	Rapid determination of multiclass fungicides in wine by low-temperature plasma (LTP) ambient ionization mass spectrometry. Analytical Methods, 2015, 7, 7345-7351.	2.7	25
82	Detection of over 100 selenium metabolites in selenized yeast by liquid chromatography electrospray time-of-flight mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1060, 84-90.	2.3	25
83	Direct analysis of olive oil and other vegetable oils by mass spectrometry: A review. TrAC - Trends in Analytical Chemistry, 2020, 132, 116046.	11.4	25
84	Identification of new selenium non-peptide species in selenised yeast by nanoHPLC electrospray Q/time-of-flight-MS/MS. Journal of Analytical Atomic Spectrometry, 2006, 21, 655-665.	3.0	24
85	Determination of the Reaction Rate Constants and Decomposition Mechanisms of Ozone with Two Model Emerging Contaminants: DEET and Nortriptyline. Industrial & Engineering Chemistry Research, 2013, 52, 17064-17073.	3.7	24
86	Dilute-and-shoot coupled to nanoflow liquid chromatography high resolution mass spectrometry for the determination of drugs of abuse and sport drugs in human urine. Talanta, 2018, 182, 218-224.	5.5	24
87	Conductive-diamond electrochemical oxidation of chlorpyrifos in wastewater and identification of its main degradation products by LCâ€“TOFMS. Chemosphere, 2012, 89, 1169-1176.	8.2	22
88	Soft Argonâ€“Propane Dielectric Barrier Discharge Ionization. Analytical Chemistry, 2018, 90, 3537-3542.	6.5	22
89	Potential chemical and microbiological risks on human health from urban wastewater reuse in agriculture. Case study of wastewater effluents in Spain. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2010, 45, 300-309.	1.5	21
90	Multiclass determination of pesticides and priority organic pollutants in fruit-based soft drinks by headspace solid-phase microextraction/gas chromatography tandem mass spectrometry. Analytical Methods, 2011, 3, 2221.	2.7	21

#	Article	IF	Citations
91	Sensing of trace amounts of cadmium in drinking water using a single fluorescence-based optosensor. Microchemical Journal, 2006, 82, 94-99.	4.5	20
92	Multicommuted fluorescence based optosensor for the screening of bitertanol residues in banana samples. Food Chemistry, 2007, 102, 676-682.	8.2	20
93	Determination of organic priority pollutants in sewage treatment plant effluents by gas chromatography high-resolution mass spectrometry. Talanta, 2010, 82, 1318-1324.	5.5	20
94	Gas chromatography triple quadrupole mass spectrometry method for monitoring multiclass organic pollutants in Spanish sewage treatment plants effluents. Talanta, 2013, 111, 196-205.	5.5	20
95	Oxidation of chlorophene by ozonation: Kinetics, identification of by-products and reaction pathways. Chemical Engineering Journal, 2013, 230, 447-455.	12.7	18
96	Matrix-effect free quantitative liquid chromatography mass spectrometry analysis in complex matrices using nanoflow liquid chromatography with integrated emitter tip and high dilution factors. Journal of Chromatography A, 2017, 1519, 110-120.	3.7	18
97	Simultaneous liquid chromatography/mass spectrometry determination of both polar and â€œmultiresidueâ€•pesticides in food using parallel hydrophilic interaction/reversed-phase liquid chromatography and a hybrid sample preparation approach. Journal of Chromatography A, 2017, 1517, 108-116.	3.7	18
98	Solid-phase ultraviolet sensing system for determination of methylxanthines. Analytical and Bioanalytical Chemistry, 2005, 382, 158-163.	3.7	17
99	Rapid Determination of Diphenylamine Residues in Apples and Pears with a Single Multicommuted Fluorometric Optosensor. Journal of Agricultural and Food Chemistry, 2005, 53, 9874-9878.	5.2	17
100	Accurate mass analysis and structure elucidation of selenium metabolites by liquid chromatography electrospray time-of-flight mass spectrometry. Journal of Analytical Atomic Spectrometry, 2007, 22, 947-959.	3.0	17
101	Screening and confirmation capabilities of liquid chromatography-time-of-flight mass spectrometry for the determination of 200 multiclass sport drugs in urine. Talanta, 2015, 134, 74-88.	5.5	17
102	Detection of multiclass explosives and related compounds in soil and water by liquid chromatography-dielectric barrier discharge ionization-mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 4785-4796.	3.7	17
103	Assessment of a specific sample cleanup for the multiresidue determination of veterinary drugs and pesticides in salmon using liquid chromatography/tandem mass spectrometry. Food Control, 2021, 130, 108311.	5.5	17
104	Continuous-flow separation and pre-concentration coupled on-line to solid-surface fluorescence spectroscopy for the simultaneous determination of o -phenylphenol and thiabendazole. Analytical and Bioanalytical Chemistry, 2004, 378, 429-437.	3.7	16
105	Flow-Through Fluorescence-Based Optosensor with On-Line Solid-Phase Separation for the Simultaneous Determination of a Ternary Pesticide Mixture. Journal of AOAC INTERNATIONAL, 2005, 88, 860-865.	1.5	16
106	Combined data mining strategy for the systematic identification of sport drug metabolites in urine by liquid chromatography time-of-flight mass spectrometry. Analytica Chimica Acta, 2013, 761, 1-10.	5.4	16
107	Analyte-Tailored Controlled Atmosphere Improves Dielectric Barrier Discharge Ionization Mass Spectrometry Performance. Analytical Chemistry, 2019, 91, 3733-3739.	6.5	16
108	Determination of atropine and scopolamine in spinach-based products contaminated with genus Datura by UHPLCâ€“MS/MS. Food Chemistry, 2021, 347, 129020.	8.2	15

#	Article	IF	Citations
109	Ambient ion/molecule reactions in lowâ€temperature plasmas (LTP): reactive LTP mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 795-804.	1.5	14
110	Quantitative determination of pesticide residues in specific parts of bee specimens by nanoflow liquid chromatography high resolution mass spectrometry. Science of the Total Environment, 2020, 715, 137005.	8.0	13
111	Multicommuted Fluorometric Multiparameter Sensor for Simultaneous Determination of Naproxen and Salicylic Acid in Biological Fluids. Analytical Sciences, 2007, 23, 423-428.	1.6	12
112	Systematic bottom-up approach for flavonoid derivative screening in plant material using liquid chromatography high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 403, 995-1006.	3.7	12
113	Effect of sample preparation methods on the d,l-enantiomer ratio of extracted selenomethionine. Analytical and Bioanalytical Chemistry, 2011, 401, 373-380.	3.7	11
114	Determination of Over 350 Multiclass Pesticides in Jams by Ultra-High Performance Liquid Chromatography Time-of-Flight Mass Spectrometry (UHPLC-TOFMS). Food Analytical Methods, 2016, 9, 1939-1957.	2.6	11
115	The potential of combining solid-phase optosensing and multicommutation principles for routine analyses of pharmaceuticals. Talanta, 2006, 68, 1482-1488.	5.5	10
116	Monitoring the degradation of atropine and scopolamine in soil after spiking with naturally contaminated organic millet. Science of the Total Environment, 2018, 625, 1088-1092.	8.0	10
117	Sensitive Detection of Neonicotinoid Insecticides and Other Selected Pesticides in Pollen and Nectar Using Nanoflow Liquid Chromatography Orbitrap Tandem Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2018, 101, 367-373.	1.5	10
118	Determination of nitrotyrosine in Arabidopsis thaliana cell cultures with a mixed-mode solid-phase extraction cleanup followed by liquid chromatography time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 404, 1495-1503.	3.7	9
119	Application of capillary electrophoretic chips in protein profiling of plant extracts for identification of genetic modifications of maize. Electrophoresis, 2013, 34, 2740-2753.	2.4	9
120	Multicommuted flow injection method for fast photometric determination of phenolic compounds in commercial virgin olive oil samples. Talanta, 2016, 147, 531-536.	5.5	9
121	Flow-Through Solid-Phase Spectroscopy: A Contribution to Green Analytical Chemistry. Spectroscopy Letters, 2009, 42, 383-393.	1.0	8
122	Lowâ€molecular weight protein profiling of genetically modified maize using fast liquid chromatography electrospray ionization and timeâ€ofâ€flight mass spectrometry. Journal of Separation Science, 2012, 35, 1447-1461.	2.5	8
123	Evaluation of processing factors for selected organic contaminants during virgin olive oil production: Distribution of BTEXS during olives processing. Food Chemistry, 2016, 199, 273-279.	8.2	8
124	Evaluation of a novel controlled-atmosphere flexible microtube plasma soft ionization source for the determination of BTEX in olive oil by headspace-gas chromatography/mass spectrometry. Analytica Chimica Acta, 2021, 1179, 338835.	5.4	8
125	HPLC-ESI-HRMS and chemometric analysis of carobs polyphenols â€“ Technological and geographical parameters affecting their phenolic composition. Journal of Food Composition and Analysis, 2022, 114, 104744.	3.9	8
126	Flow-through Fluorescence-based Optosensor for the Screening of Zinc in Drinking Water. Analytical Sciences, 2007, 23, 1179-1183.	1.6	7

#	Article	IF	Citations
127	Ambient mass spectrometry. Analytical Methods, 2017, 9, 4894-4895.	2.7	7
128	Worldwide survey of pesticide residues in citrus-flavored soft drinks. Food Chemistry, 2021, 365, 130486.	8.2	7
129	The Potential of Ambient Desorption Ionization Methods Combined with High-Resolution Mass Spectrometry for Pesticide Testing in Food. Comprehensive Analytical Chemistry, 2012, , 339-366.	1.3	6
130	Direct wine profiling by mass spectrometry (MS): A comparison of different ambient MS approaches. Microchemical Journal, 2022, 179, 107479.	4.5	6
131	Multiclass profiling of lipids of archaeological interest by ultra-high pressure liquid chromatography-atmospheric pressure chemical ionization-high resolution mass spectrometry. Microchemical Journal, 2017, 132, 49-58.	4.5	5
132	Sulphur, fats and beeswax in the Iberian rites of the sanctuary of the oppidum of Puente Tablas (JaÃ©n,) Tj ETQq0 0 0 rgBT /Overlock 10	0.5	4
133	Measuring the mass of an electron: an undergraduate laboratory experiment with high resolution mass spectrometry. Chemistry Teacher International, 2022, 4, 15-22.	1.7	4
134	HRMS. , 2017, , 15-57.		3
135	Appraisal of different clean-up strategies for the determination of fipronil and its metabolites in eggs by UHPLC-MS/MS. Microchemical Journal, 2021, 166, 106275.	4.5	3
136	Fast Automated Determination of Total Tocopherol Content in Virgin Olive Oil Using a Single Multicommuted Luminescent Flow Method. Food Analytical Methods, 2017, 10, 2125-2131.	2.6	2
137	Study of tamoxifen urinary metabolites in rat by ultraâ€highâ€performance liquid chromatography timeâ€ofâ€flight mass spectrometry. Biomedical Chromatography, 2015, 29, 1220-1228.	1.7	1
138	Environmentally Friendly Solvents for Sample Preparation in Foodomics. , 2021, , 536-565.		1