

Juan F Garca-Reyes

List of Publications by Citations

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140
papers

5,553
citations

43
h-index

68
g-index

144
ext. papers

6,015
ext. citations

5.7
avg, IF

5.71
L-index

#	Paper	IF	Citations
140	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. <i>Analytical Chemistry</i> , 2007 , 79, 9372-84	7.8	258
139	Sample treatment and determination of pesticide residues in fatty vegetable matrices: a review. <i>Talanta</i> , 2009 , 79, 109-28	6.2	210
138	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. <i>Journal of Chromatography A</i> , 2005 , 1069, 183-94	4.5	191
137	Multi-residue pesticide analysis in fruits and vegetables by liquid chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2005 , 1082, 81-90	4.5	165
136	Accurate-mass databases for comprehensive screening of pesticide residues in food by fast liquid chromatography time-of-flight mass spectrometry. <i>Analytical Chemistry</i> , 2009 , 81, 913-29	7.8	139
135	Detection of explosives and related compounds by low-temperature plasma ambient ionization mass spectrometry. <i>Analytical Chemistry</i> , 2011 , 83, 1084-92	7.8	136
134	Determination of pesticide residues in olive oil and olives. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 239-251	14.6	130
133	Desorption electrospray ionization mass spectrometry for trace analysis of agrochemicals in food. <i>Analytical Chemistry</i> , 2009 , 81, 820-9	7.8	126
132	Chemical evaluation of contaminants in wastewater effluents and the environmental risk of reusing effluents in agriculture. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 676-694	14.6	117
131	Comprehensive screening of target, non-target and unknown pesticides in food by LC-TOF-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 828-841	14.6	113
130	Identification of pesticide transformation products in food by liquid chromatography/time-of-flight mass spectrometry via "fragmentation-degradation" relationships. <i>Analytical Chemistry</i> , 2007 , 79, 307-21	7.8	112
129	Large scale pesticide multiresidue methods in food combining liquid chromatography-time-of-flight mass spectrometry and tandem mass spectrometry. <i>Analytical Chemistry</i> , 2007 , 79, 7308-23	7.8	106
128	Large-scale multi-residue methods for pesticides and their degradation products in food by advanced LC-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 973-990	14.6	106
127	Analysis of drugs of abuse in biofluids by low temperature plasma (LTP) ionization mass spectrometry. <i>Analyst, The</i> , 2010 , 135, 927-33	5	104
126	Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of Jaén, South East Spain. <i>Science of the Total Environment</i> , 2014 , 479-480, 247-57	10.2	100
125	Large-scale pesticide testing in olives by liquid chromatography-electrospray tandem mass spectrometry using two sample preparation methods based on matrix solid-phase dispersion and QuEChERS. <i>Journal of Chromatography A</i> , 2010 , 1217, 6022-35	4.5	96
124	Discovering metabolites of post-harvest fungicides in citrus with liquid chromatography/time-of-flight mass spectrometry and ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2005 , 1082, 71-80	4.5	96

123	Screening of agrochemicals in foodstuffs using low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Analyst, The</i> , 2010 , 135, 971-9	5	92
122	Determination of pesticide residues in fruit-based soft drinks. <i>Analytical Chemistry</i> , 2008 , 80, 8966-74	7.8	91
121	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. <i>Journal of Chromatography A</i> , 2014 , 1350, 30-43	4.5	88
120	Identification and quantitation of pesticides in vegetables by liquid chromatography time-of-flight mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 671-682	14.6	86
119	Multiclass detection and quantitation of antibiotics and veterinary drugs in shrimps by fast liquid chromatography time-of-flight mass spectrometry. <i>Talanta</i> , 2011 , 85, 1419-27	6.2	84
118	In-source fragmentation and accurate mass analysis of multiclass flavonoid conjugates by electrospray ionization time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011 , 46, 478-88 ^{2.2}		71
117	Application of high-performance liquid chromatography-tandem mass spectrometry with a quadrupole/linear ion trap instrument for the analysis of pesticide residues in olive oil. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 1815-31	4.4	66
116	Use of an accurate-mass database for the systematic identification of transformation products of organic contaminants in wastewater effluents. <i>Journal of Chromatography A</i> , 2011 , 1218, 8002-12	4.5	63
115	Direct olive oil analysis by low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 3057-62	2.2	63
114	Behavior of amoxicillin in wastewater and river water: identification of its main transformation products by liquid chromatography/electrospray quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 731-42	2.2	58
113	Analyses of pesticide residues in fruit-based baby food by liquid chromatography/electrospray ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 2059-71 ^{2.2}		58
112	Determination of postharvest fungicides in fruit juices by solid-phase extraction followed by liquid chromatography electrospray time-of-flight mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 10548-56	5.7	58
111	Searching for non-target chlorinated pesticides in food by liquid chromatography/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 2780-8	2.2	58
110	Evaluation of different cleanup sorbents for multiresidue pesticide analysis in fatty vegetable matrices by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1456, 89-104	4.5	57
109	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. <i>Journal of Chromatography A</i> , 2012 , 1249, 83-91	4.5	54
108	Screening and quantitation of multiclass drugs of abuse and pharmaceuticals in hair by fast liquid chromatography electrospray time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 2034-42	3.2	54
107	Ambient diode laser desorption dielectric barrier discharge ionization mass spectrometry of nonvolatile chemicals. <i>Analytical Chemistry</i> , 2013 , 85, 3174-82	7.8	52
106	Generic sample treatment method for simultaneous determination of multiclass pesticides and mycotoxins in wines by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1249, 32-40	4.5	51

105	Degradation of caffeine by conductive diamond electrochemical oxidation. <i>Chemosphere</i> , 2013 , 93, 1720-1725	5.4	50
104	Simultaneous testing of multiclass organic contaminants in food and environment by liquid chromatography/dielectric barrier discharge ionization-mass spectrometry. <i>Analyt. Chem.</i> , 2012 , 84, 5403-5410	5.10	48
103	Fast separation liquid chromatography-tandem mass spectrometry for the confirmation and quantitative analysis of avermectin residues in food. <i>Journal of Chromatography A</i> , 2007 , 1155, 62-73	4.5	48
102	State of the art of environmentally friendly sample preparation approaches for determination of PBDEs and metabolites in environmental and biological samples: A critical review. <i>Analytica Chimica Acta</i> , 2016 , 905, 24-41	6.6	46
101	Evaluation of nanoflow liquid chromatography high resolution mass spectrometry for pesticide residue analysis in food. <i>Journal of Chromatography A</i> , 2017 , 1512, 78-87	4.5	46
100	Evaluation of two sample treatment methodologies for large-scale pesticide residue analysis in olive oil by fast liquid chromatography-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 3736-47	4.5	45
99	Analysis of herbicides in olive oil by liquid chromatography time-of-flight mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 6493-500	5.7	44
98	A multicommuted fluorescence-based sensing system for simultaneous determination of Vitamins B2 and B6. <i>Analytica Chimica Acta</i> , 2006 , 555, 128-133	6.6	44
97	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. <i>Analytical Methods</i> , 2012 , 4, 1142-1152	3.2	43
96	Overcoming matrix effects in electrospray: quantitation of agonists in complex matrices by isotope dilution liquid chromatography-mass spectrometry using singly (¹³ C)-labeled analogues. <i>Journal of Chromatography A</i> , 2013 , 1288, 40-7	4.5	43
95	Multi-residue determination of pesticides in fruit-based soft drinks by fast liquid chromatography time-of-flight mass spectrometry. <i>Talanta</i> , 2010 , 81, 1310-21	6.2	43
94	Terbium-sensitized luminescence optosensor for the determination of norfloxacin in biological fluids. <i>Analytica Chimica Acta</i> , 2005 , 532, 159-164	6.6	43
93	Matrix-effect free multi-residue analysis of veterinary drugs in food samples of animal origin by nanoflow liquid chromatography high resolution mass spectrometry. <i>Food Chemistry</i> , 2018 , 245, 29-38	8.5	40
92	Solid-phase spectroscopy from the point of view of green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 654-666	14.6	39
91	Determination of polar pesticides in olive oil and olives by hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry and high resolution mass spectrometry. <i>Talanta</i> , 2016 , 158, 222-228	6.2	37
90	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). <i>Food Analytical Methods</i> , 2017 , 10, 1216-1244	3.4	37
89	Determination of fungicide residues in baby food by liquid chromatography-ion trap tandem mass spectrometry. <i>Food Chemistry</i> , 2012 , 135, 780-6	8.5	33
88	Use of a modified QuEChERS method for the determination of mycotoxin residues in edible nuts by nano flow liquid chromatography high resolution mass spectrometry. <i>Food Chemistry</i> , 2019 , 279, 144-149	8.5	33

87	Analyses of selected non-authorized insecticides in peppers by gas chromatography/mass spectrometry and gas chromatography/tandem mass spectrometry. <i>Food Chemistry</i> , 2009 , 112, 221-225	8.5	32
86	A feasibility study of UHPLC-HRMS accurate-mass screening methods for multiclass testing of organic contaminants in food. <i>Talanta</i> , 2016 , 160, 704-712	6.2	32
85	Gel-surface enhanced fluorescence sensing system coupled to a continuous-flow assembly for simultaneous monitoring of benomyl and carbendazim. <i>Analytica Chimica Acta</i> , 2003 , 493, 35-45	6.6	31
84	Basin-scale monitoring and risk assessment of emerging contaminants in South American Atlantic coastal lagoons. <i>Science of the Total Environment</i> , 2019 , 697, 134058	10.2	30
83	Comparative evaluation of liquid-liquid extraction, solid-phase extraction and solid-phase microextraction for the gas chromatography-mass spectrometry determination of multiclass priority organic contaminants in wastewater. <i>Talanta</i> , 2013 , 117, 382-91	6.2	30
82	Performance of dielectric barrier discharge ionization mass spectrometry for pesticide testing: a comparison with atmospheric pressure chemical ionization and electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 419-29	2.2	30
81	Analytical, toxicological and kinetic investigation of decomposition of the drug diclofenac in waters and wastes using gamma radiation. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 20255-70	5.1	29
80	Direct olive oil analysis by mass spectrometry: A comparison of different ambient ionization methods. <i>Talanta</i> , 2018 , 180, 168-175	6.2	29
79	Determination of thiabendazole residues in citrus fruits using a Multicommuted fluorescence-based optosensor. <i>Analytica Chimica Acta</i> , 2006 , 557, 95-100	6.6	29
78	Detection of main urinary metabolites of β_2 -agonists clenbuterol, salbutamol and terbutaline by liquid chromatography high resolution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 923-924, 128-35	3.2	28
77	UV SPECTROPHOTOMETRIC FLOW-THROUGH MULTIPARAMETER SENSOR FOR THE SIMULTANEOUS DETERMINATION OF ACETAMINOPHEN, ACETYLSALICYLIC ACID, AND CAFFEINE. <i>Analytical Letters</i> , 2002 , 35, 2433-2447	2.2	28
76	Rapid determination of BTEXS in olives and olive oil by headspace-gas chromatography/mass spectrometry (HS-GC-MS). <i>Talanta</i> , 2010 , 83, 391-9	6.2	27
75	Determination of pesticides in milk-based infant formulas by pressurized liquid extraction followed by gas chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 1833-40	4.4	27
74	Study of different HILIC, mixed-mode, and other aqueous normal-phase approaches for the liquid chromatography/mass spectrometry-based determination of challenging polar pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 4857-69	4.4	27
73	Application of ionizing radiation in decomposition of perfluorooctanoate (PFOA) in waters. <i>Chemical Engineering Journal</i> , 2019 , 357, 698-714	14.7	27
72	Determination of selected non-authorized insecticides in peppers by liquid chromatography time-of-flight mass spectrometry and tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 1384-92	2.2	26
71	Study on the occurrence of pesticide residues in fruit-based soft drinks from the EU market and morocco using liquid chromatography/mass spectrometry. <i>Food Control</i> , 2012 , 26, 341-346	6.2	24
70	Development of a solid surface fluorescence-based sensing system for aluminium monitoring in drinking water. <i>Talanta</i> , 2005 , 65, 1203-8	6.2	24

69	Multiwavelength fluorescence based optosensor for simultaneous determination of fuberidazole, carbaryl and benomyl. <i>Talanta</i> , 2004 , 64, 742-9	6.2	24
68	Comparative evaluation of seven different sample treatment approaches for large-scale multiclass sport drug testing in urine by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1361, 34-42	4.5	23
67	Determination of Polyphenols in Commercial Extra Virgin Olive Oils from Different Origins (Mediterranean and South American Countries) by Liquid Chromatography-Electrospray Time-of-Flight Mass Spectrometry. <i>Food Analytical Methods</i> , 2014 , 7, 1824-1833	3.4	22
66	Identification of new selenium non-peptide species in selenised yeast by nanoHPLC electro spray Q/time-of-flight-MS/MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006 , 21, 655-665	3.7	22
65	Development of a single fluorescence-based optosensor for rapid simultaneous determination of fungicides benomyl and thiabendazole in waters and commercial formulations. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2197-202	5.7	22
64	Rapid determination of multiclass fungicides in wine by low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 7345-7351	3.2	21
63	Multiclass determination of pesticides and priority organic pollutants in fruit-based soft drinks by headspace solid-phase microextraction/gas chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2011 , 3, 2221	3.2	21
62	Use of dielectric barrier discharge ionization to minimize matrix effects and expand coverage in pesticide residue analysis by liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2018 , 1020, 76-85	6.6	20
61	Experimental and theoretical determination of pesticide processing factors to model their behavior during virgin olive oil production. <i>Food Chemistry</i> , 2018 , 239, 9-16	8.5	20
60	Quantification of Se-Methylselenocysteine and Its γ -Glutamyl Derivative from Naturally Se-Enriched Green Bean (<i>Phaseolus vulgaris vulgaris</i>) After HPLC-ESI-TOF-MS and Orbitrap MSn-Based Identification. <i>Food Analytical Methods</i> , 2014 , 7, 1147-1157	3.4	20
59	The relationship of selenium tolerance and speciation in Lecythidaceae species. <i>Metallomics</i> , 2013 , 5, 1663-73	4.5	20
58	Gas chromatography triple quadrupole mass spectrometry method for monitoring multiclass organic pollutants in Spanish sewage treatment plants effluents. <i>Talanta</i> , 2013 , 111, 196-205	6.2	19
57	Potential chemical and microbiological risks on human health from urban wastewater reuse in agriculture. Case study of wastewater effluents in Spain. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 300-9	2.2	19
56	Sensing of trace amounts of cadmium in drinking water using a single fluorescence-based optosensor. <i>Microchemical Journal</i> , 2006 , 82, 94-99	4.8	19
55	Detection of over 100 selenium metabolites in selenized yeast by liquid chromatography electro spray time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1060, 84-90	3.2	18
54	Determination of the Reaction Rate Constants and Decomposition Mechanisms of Ozone with Two Model Emerging Contaminants: DEET and Nortriptyline. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 17064-17073	3.9	18
53	Conductive-diamond electrochemical oxidation of chlorpyrifos in wastewater and identification of its main degradation products by LC-TOFMS. <i>Chemosphere</i> , 2012 , 89, 1169-76	8.4	18
52	Determination of organic priority pollutants in sewage treatment plant effluents by gas chromatography high-resolution mass spectrometry. <i>Talanta</i> , 2010 , 82, 1318-24	6.2	18

51	Soft Argon-Propane Dielectric Barrier Discharge Ionization. <i>Analytical Chemistry</i> , 2018 , 90, 3537-3542	7.8	17
50	Oxidation of chlorophene by ozonation: Kinetics, identification of by-products and reaction pathways. <i>Chemical Engineering Journal</i> , 2013 , 230, 447-455	14.7	17
49	Ambient (desorption/ionization) mass spectrometry methods for pesticide testing in food: a review. <i>Analytical Methods</i> , 2020 , 12, 4831-4852	3.2	17
48	Multicommutated fluorescence based optosensor for the screening of bitertanol residues in banana samples. <i>Food Chemistry</i> , 2007 , 102, 676-682	8.5	15
47	Solid-phase ultraviolet sensing system for determination of methylxanthines. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 158-63	4.4	15
46	Screening and confirmation capabilities of liquid chromatography-time-of-flight mass spectrometry for the determination of 200 multiclass sport drugs in urine. <i>Talanta</i> , 2015 , 134, 74-88	6.2	14
45	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. <i>Talanta</i> , 2018 , 182, 218-224	6.2	14
44	Combined data mining strategy for the systematic identification of sport drug metabolites in urine by liquid chromatography time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2013 , 761, 1-10	6.6	14
43	Accurate mass analysis and structure elucidation of selenium metabolites by liquid chromatography electrospray time-of-flight mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2007 , 22, 947-959	3.7	14
42	Flow-Through Fluorescence-Based Optosensor with On-Line Solid-Phase Separation for the Simultaneous Determination of a Ternary Pesticide Mixture. <i>Journal of AOAC INTERNATIONAL</i> , 2005 , 88, 860-865	1.7	14
41	Matrix-effect free quantitative liquid chromatography mass spectrometry analysis in complex matrices using nanoflow LC with integrated emitter tip and high dilution factors. <i>Journal of Chromatography A</i> , 2017 , 1519, 110-120	4.5	13
40	Ambient ion/molecule reactions in low-temperature plasmas (LTP): reactive LTP mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 795-804	2.2	13
39	Rapid determination of diphenylamine residues in apples and pears with a single multicommutated fluorometric optosensor. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9874-8	5.7	11
38	Continuous-flow separation and pre-concentration coupled on-line to solid-surface fluorescence spectroscopy for the simultaneous determination of o-phenylphenol and thiabendazole. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 429-37	4.4	11
37	Detection of multiclass explosives and related compounds in soil and water by liquid chromatography-dielectric barrier discharge ionization-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4785-4796	4.4	10
36	Sensitive Detection of Neonicotinoid Insecticides and Other Selected Pesticides in Pollen and Nectar Using Nanoflow Liquid Chromatography Orbitrap Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2018 , 101, 367-373	1.7	10
35	Simultaneous liquid chromatography/mass spectrometry determination of both polar and "multiresidue" pesticides in food using parallel hydrophilic interaction/reversed-phase liquid chromatography and a hybrid sample preparation approach. <i>Journal of Chromatography A</i> , 2017 , 1517, 108-116	4.5	10
34	Systematic bottom-up approach for flavonoid derivative screening in plant material using liquid chromatography high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 995-1006	4.4	10

33	The potential of combining solid-phase optosensing and multicommutation principles for routine analyses of pharmaceuticals. <i>Talanta</i> , 2006 , 68, 1482-8	6.2	10
32	Analyte-Tailored Controlled Atmosphere Improves Dielectric Barrier Discharge Ionization Mass Spectrometry Performance. <i>Analytical Chemistry</i> , 2019 , 91, 3733-3739	7.8	9
31	Determination of Over 350 Multiclass Pesticides in Jams by Ultra-High Performance Liquid Chromatography Time-of-Flight Mass Spectrometry (UHPLC-TOFMS). <i>Food Analytical Methods</i> , 2016 , 9, 1939-1957	3.4	9
30	Application of capillary electrophoretic chips in protein profiling of plant extracts for identification of genetic modifications of maize. <i>Electrophoresis</i> , 2013 , 34, 2740-53	3.6	9
29	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. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 1495-503	4.4	9
28	Direct analysis of olive oil and other vegetable oils by mass spectrometry: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 132, 116046	14.6	9
27	Multicommutated flow injection method for fast photometric determination of phenolic compounds in commercial virgin olive oil samples. <i>Talanta</i> , 2016 , 147, 531-6	6.2	8
26	Effect of sample preparation methods on the D,L-enantiomer ratio of extracted selenomethionine. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 373-80	4.4	8
25	Multicommutated fluorometric multiparameter sensor for simultaneous determination of naproxen and salicylic acid in biological fluids. <i>Analytical Sciences</i> , 2007 , 23, 423-8	1.7	8
24	Monitoring the degradation of atropine and scopolamine in soil after spiking with naturally contaminated organic millet. <i>Science of the Total Environment</i> , 2018 , 625, 1088-1092	10.2	7
23	Low-molecular weight protein profiling of genetically modified maize using fast liquid chromatography electrospray ionization and time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2012 , 35, 1447-61	3.4	7
22	Flow-through fluorescence-based optosensor for the screening of zinc in drinking water. <i>Analytical Sciences</i> , 2007 , 23, 1179-83	1.7	7
21	Quantitative determination of pesticide residues in specific parts of bee specimens by nanoflow liquid chromatography high resolution mass spectrometry. <i>Science of the Total Environment</i> , 2020 , 715, 137005	10.2	7
20	Evaluation of processing factors for selected organic contaminants during virgin olive oil production: Distribution of BTEXS during olives processing. <i>Food Chemistry</i> , 2016 , 199, 273-9	8.5	6
19	Flow-Through Solid-Phase Spectroscopy: A Contribution to Green Analytical Chemistry. <i>Spectroscopy Letters</i> , 2009 , 42, 383-393	1.1	6
18	The Potential of Ambient Desorption Ionization Methods Combined with High-Resolution Mass Spectrometry for Pesticide Testing in Food. <i>Comprehensive Analytical Chemistry</i> , 2012 , 339-366	1.9	5
17	Determination of atropine and scopolamine in spinach-based products contaminated with genus Datura by UHPLC-MS/MS. <i>Food Chemistry</i> , 2021 , 347, 129020	8.5	5
16	Sulphur, fats and beeswax in the Iberian rites of the sanctuary of the oppidum of Puente Tablas (Jaén, Spain). <i>Journal of Archaeological Science: Reports</i> , 2015 , 4, 510-524	0.7	4

15	Multiclass profiling of lipids of archaeological interest by ultra-high pressure liquid chromatography-atmospheric pressure chemical ionization-high resolution mass spectrometry. <i>Microchemical Journal</i> , 2017 , 132, 49-58	4.8	3
14	HRMS 2017 , 15-57		3
13	Occurrence and Determination of Tropane Alkaloids in Food and Feed 2020 , 1-32		3
12	Assessment of a specific sample cleanup for the multiresidue determination of veterinary drugs and pesticides in salmon using liquid chromatography/tandem mass spectrometry. <i>Food Control</i> , 2021 , 130, 108311	6.2	3
11	Fast Automated Determination of Total Tocopherol Content in Virgin Olive Oil Using a Single Multicommuted Luminescent Flow Method. <i>Food Analytical Methods</i> , 2017 , 10, 2125-2131	3.4	2
10	Appraisal of different clean-up strategies for the determination of fipronil and its metabolites in eggs by UHPLC-MS/MS. <i>Microchemical Journal</i> , 2021 , 166, 106275	4.8	2
9	Worldwide survey of pesticide residues in citrus-flavored soft drinks. <i>Food Chemistry</i> , 2021 , 365, 130486	8.5	2
8	Study of tamoxifen urinary metabolites in rat by ultra-high-performance liquid chromatography time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2015 , 29, 1220-8	1.7	1
7	Pesticides: Organophosphates 2012 , 199-218		1
6	Environmentally Friendly Solvents for Sample Preparation in Foodomics 2021 , 536-565		1
5	Luminescence Detection in Flow Analysis 343-393		1
4	Direct wine profiling by mass spectrometry (MS): A comparison of different ambient MS approaches. <i>Microchemical Journal</i> , 2022 , 179, 107479	4.8	1
3	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. <i>Analytica Chimica Acta</i> , 2021 , 1179, 338835	6.6	0
2	Solid Phase Molecular Spectroscopy 221-244		
1	High-Resolution Mass Spectrometry for the Analysis of Pesticide Residues in Food 2018 , 1-25		