

Juan F García-Reyes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1992070/publications.pdf>

Version: 2024-02-01

138
papers

6,545
citations

46918

47
h-index

76769

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. <i>Analytical Chemistry</i> , 2007, 79, 9372-9384.	3.2	279
2	Sample treatment and determination of pesticide residues in fatty vegetable matrices: A review. <i>Talanta</i> , 2009, 79, 109-128.	2.9	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. <i>Journal of Chromatography A</i> , 2005, 1069, 183-194.	1.8	221
4	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.	1.8	191
5	Determination of pesticide residues in olive oil and olives. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 239-251.	5.8	152
6	Detection of Explosives and Related Compounds by Low-Temperature Plasma Ambient Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 1084-1092.	3.2	152
7	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, 913-929.	3.2	150
8	Desorption Electrospray Ionization Mass Spectrometry for Trace Analysis of Agrochemicals in Food. <i>Analytical Chemistry</i> , 2009, 81, 820-829.	3.2	141
9	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.	5.8	136
10	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.	5.8	132
11	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, 307-321.	3.2	127
12	Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of Ja�n, South East Spain. <i>Science of the Total Environment</i> , 2014, 479-480, 247-257.	3.9	127
13	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.	5.8	126
14	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, 7308-7323.	3.2	114
15	Analysis of drugs of abuse in biofluids by low temperature plasma (LTP) ionization mass spectrometry. <i>Analyst</i> , The, 2010, 135, 927.	1.7	112
16	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.	1.8	110
17	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, 6022-6035.	1.8	106
18	Determination of Pesticide Residues in Fruit-Based Soft Drinks. <i>Analytical Chemistry</i> , 2008, 80, 8966-8974.	3.2	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. <i>Journal of Chromatography A</i> , 2014, 1350, 30-43.	1.8	101
20	Screening of agrochemicals in foodstuffs using low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Analyst</i> , 2010, 135, 971.	1.7	97
21	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, 1419-1427.	2.9	90
22	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.	5.8	89
23	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, 478-488.	0.7	76
24	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, 731-742.	0.7	75
25	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, 1815-1831.	1.9	73
26	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.	1.8	73
27	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, 8002-8012.	1.8	72
28	Direct olive oil analysis by low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3057-3062.	0.7	71
29	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, 2780-2788.	0.7	64
30	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, 2059-2071.	0.7	64
31	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, 10548-10556.	2.4	62
32	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, 3736-3747.	1.8	59
33	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, 2034-2042.	1.2	58
34	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.	1.8	58
35	Ambient Diode Laser Desorption Dielectric Barrier Discharge Ionization Mass Spectrometry of Nonvolatile Chemicals. <i>Analytical Chemistry</i> , 2013, 85, 3174-3182.	3.2	58
36	Degradation of caffeine by conductive diamond electrochemical oxidation. <i>Chemosphere</i> , 2013, 93, 1720-1725.	4.2	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. <i>Analytica Chimica Acta</i> , 2016, 905, 24-41.	2.6	57
38	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.	1.8	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. <i>Journal of Chromatography A</i> , 2012, 1249, 83-91.	1.8	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. <i>Food Chemistry</i> , 2018, 245, 29-38.	4.2	53
41	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.	1.8	52
42	Simultaneous testing of multiclass organic contaminants in food and environment by liquid chromatography/dielectric barrier discharge ionization-mass spectrometry. <i>Analyst, The</i> , 2012, 137, 5403.	1.7	51
43	A multicommuted fluorescence-based sensing system for simultaneous determination of Vitamins B2 and B6. <i>Analytica Chimica Acta</i> , 2006, 555, 128-133.	2.6	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. <i>Food Chemistry</i> , 2019, 279, 144-149.	4.2	50
45	Analysis of Herbicides in Olive Oil by Liquid Chromatography Time-of-Flight Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 6493-6500.	2.4	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. <i>Analytical Methods</i> , 2012, 4, 1142.	1.3	49
47	Multi-residue determination of pesticides in fruit-based soft drinks by fast liquid chromatography time-of-flight mass spectrometry. <i>Talanta</i> , 2010, 81, 1310-1321.	2.9	48
48	Overcoming matrix effects in electrospray: Quantitation of β -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, 40-47.	1.8	48
49	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.	3.9	48
50	Application of ionizing radiation in decomposition of perfluorooctanoate (PFOA) in waters. <i>Chemical Engineering Journal</i> , 2019, 357, 698-714.	6.6	47
51	Terbium-sensitized luminescence optosensor for the determination of norfloxacin in biological fluids. <i>Analytica Chimica Acta</i> , 2005, 532, 159-164.	2.6	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. <i>Talanta</i> , 2016, 158, 222-228.	2.9	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). <i>Food Analytical Methods</i> , 2017, 10, 1216-1244.	1.3	43
54	Solid-phase spectroscopy from the point of view of green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 654-666.	5.8	40

#	ARTICLE	IF	CITATIONS
55	Ambient (desorption/ionization) mass spectrometry methods for pesticide testing in food: a review. <i>Analytical Methods</i> , 2020, 12, 4831-4852.	1.3	40
56	Determination of fungicide residues in baby food by liquid chromatography-ion trap tandem mass spectrometry. <i>Food Chemistry</i> , 2012, 135, 780-786.	4.2	39
57	Direct olive oil analysis by mass spectrometry: A comparison of different ambient ionization methods. <i>Talanta</i> , 2018, 180, 168-175.	2.9	39
58	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.	4.2	37
59	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.	2.9	37
60	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.	2.6	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. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4857-4869.	1.9	36
62	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, 382-391.	2.9	35
63	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, 419-429.	0.7	35
64	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.	4.2	35
65	Determination of thiabendazole residues in citrus fruits using a Multicommuted fluorescence-based optosensor. <i>Analytica Chimica Acta</i> , 2006, 557, 95-100.	2.6	34
66	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, 1833-1840.	1.9	34
67	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, 128-135.	1.2	34
68	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, 20255-20270.	2.7	33
69	UV SPECTROPHOTOMETRIC FLOW-THROUGH MULTIPARAMETER SENSOR FOR THE SIMULTANEOUS DETERMINATION OF ACETAMINOPHEN, ACETYLSALICYLIC ACID, AND CAFFEINE. <i>Analytical Letters</i> , 2002, 35, 2433-2447.	1.0	32
70	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.	2.6	32
71	Rapid determination of BTEXS in olives and olive oil by headspace-gas chromatography/mass spectrometry (HS-GC-MS). <i>Talanta</i> , 2010, 83, 391-399.	2.9	31
72	Multiwavelength fluorescence based optosensor for simultaneous determination of fuberidazole, carbaryl and benomyl. <i>Talanta</i> , 2004, 64, 742-749.	2.9	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 chromatography–mass spectrometry. <i>Food Control</i> , 2012, 26, 341-346.	2.8	29
74	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, 1384-1392.	0.7	28
75	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.	1.8	28
76	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, 2197-2202.	2.4	27
77	Development of a solid surface fluorescence-based sensing system for aluminium monitoring in drinking water. <i>Talanta</i> , 2005, 65, 1203-1208.	2.9	27
78	The relationship of selenium tolerance and speciation in Lecythidaceae species. <i>Metallomics</i> , 2013, 5, 1663.	1.0	27
79	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 MS n -Based Identification. <i>Food Analytical Methods</i> , 2014, 7, 1147-1157.	1.3	27
80	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.	1.3	26
81	Rapid determination of multiclass fungicides in wine by low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 7345-7351.	1.3	25
82	Detection of over 100 selenium metabolites in selenized yeast by liquid chromatography electrospray time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1060, 84-90.	1.2	25
83	Direct analysis of olive oil and other vegetable oils by mass spectrometry: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116046.	5.8	25
84	Identification of new selenium non-peptide species in selenised yeast by nanoHPLC electrospray Q/time-of-flight-MS/MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 655-665.	1.6	24
85	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.	1.8	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. <i>Talanta</i> , 2018, 182, 218-224.	2.9	24
87	Conductive-diamond electrochemical oxidation of chlorpyrifos in wastewater and identification of its main degradation products by LC–TOFMS. <i>Chemosphere</i> , 2012, 89, 1169-1176.	4.2	22
88	Soft Argon–Propane Dielectric Barrier Discharge Ionization. <i>Analytical Chemistry</i> , 2018, 90, 3537-3542.	3.2	22
89	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, 300-309.	0.7	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. <i>Analytical Methods</i> , 2011, 3, 2221.	1.3	21

#	ARTICLE	IF	CITATIONS
91	Sensing of trace amounts of cadmium in drinking water using a single fluorescence-based optosensor. <i>Microchemical Journal</i> , 2006, 82, 94-99.	2.3	20
92	Multicommutated fluorescence based optosensor for the screening of bitertanol residues in banana samples. <i>Food Chemistry</i> , 2007, 102, 676-682.	4.2	20
93	Determination of organic priority pollutants in sewage treatment plant effluents by gas chromatography high-resolution mass spectrometry. <i>Talanta</i> , 2010, 82, 1318-1324.	2.9	20
94	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.	2.9	20
95	Oxidation of chlorophene by ozonation: Kinetics, identification of by-products and reaction pathways. <i>Chemical Engineering Journal</i> , 2013, 230, 447-455.	6.6	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. <i>Journal of Chromatography A</i> , 2017, 1519, 110-120.	1.8	18
97	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.	1.8	18
98	Solid-phase ultraviolet sensing system for determination of methylxanthines. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 158-163.	1.9	17
99	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, 9874-9878.	2.4	17
100	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.	1.6	17
101	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.	2.9	17
102	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.	1.9	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. <i>Food Control</i> , 2021, 130, 108311.	2.8	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. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 429-437.	1.9	16
105	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.	0.7	16
106	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.	2.6	16
107	Analyte-Tailored Controlled Atmosphere Improves Dielectric Barrier Discharge Ionization Mass Spectrometry Performance. <i>Analytical Chemistry</i> , 2019, 91, 3733-3739.	3.2	16
108	Determination of atropine and scopolamine in spinach-based products contaminated with genus <i>Datura</i> by UHPLC-MS/MS. <i>Food Chemistry</i> , 2021, 347, 129020.	4.2	15

#	ARTICLE	IF	CITATIONS
109	Ambient ion/molecule reactions in low-temperature plasmas (LTP): reactive LTP mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 795-804.	0.7	14
110	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.	3.9	13
111	Multicommutated Fluorometric Multiparameter Sensor for Simultaneous Determination of Naproxen and Salicylic Acid in Biological Fluids. <i>Analytical Sciences</i> , 2007, 23, 423-428.	0.8	12
112	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.	1.9	12
113	Effect of sample preparation methods on the d,l-enantiomer ratio of extracted selenomethionine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 373-380.	1.9	11
114	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.	1.3	11
115	The potential of combining solid-phase optosensing and multicommutation principles for routine analyses of pharmaceuticals. <i>Talanta</i> , 2006, 68, 1482-1488.	2.9	10
116	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.	3.9	10
117	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.	0.7	10
118	Determination of nitrotyrosine in <i>Arabidopsis thaliana</i> 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, 1495-1503.	1.9	9
119	Application of capillary electrophoretic chips in protein profiling of plant extracts for identification of genetic modifications of maize. <i>Electrophoresis</i> , 2013, 34, 2740-2753.	1.3	9
120	Multicommutated flow injection method for fast photometric determination of phenolic compounds in commercial virgin olive oil samples. <i>Talanta</i> , 2016, 147, 531-536.	2.9	9
121	Flow-Through Solid-Phase Spectroscopy: A Contribution to Green Analytical Chemistry. <i>Spectroscopy Letters</i> , 2009, 42, 383-393.	0.5	8
122	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, 1447-1461.	1.3	8
123	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, 273-279.	4.2	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. <i>Analytica Chimica Acta</i> , 2021, 1179, 338835.	2.6	8
125	HPLC-ESI-HRMS and chemometric analysis of carobs polyphenols – Technological and geographical parameters affecting their phenolic composition. <i>Journal of Food Composition and Analysis</i> , 2022, 114, 104744.	1.9	8
126	Flow-through Fluorescence-based Optosensor for the Screening of Zinc in Drinking Water. <i>Analytical Sciences</i> , 2007, 23, 1179-1183.	0.8	7

#	ARTICLE	IF	CITATIONS
127	Ambient mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 4894-4895.	1.3	7
128	Worldwide survey of pesticide residues in citrus-flavored soft drinks. <i>Food Chemistry</i> , 2021, 365, 130486.	4.2	7
129	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.	0.7	6
130	Direct wine profiling by mass spectrometry (MS): A comparison of different ambient MS approaches. <i>Microchemical Journal</i> , 2022, 179, 107479.	2.3	6
131	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.	2.3	5
132	Sulphur, fats and beeswax in the Iberian rites of the sanctuary of the oppidum of Puente Tablas (Jaén). <i>Tj ETQq0 0,0 rgBT /Qverlock 10</i>	0.2	4
133	Measuring the mass of an electron: an undergraduate laboratory experiment with high resolution mass spectrometry. <i>Chemistry Teacher International</i> , 2022, 4, 15-22.	0.9	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. <i>Microchemical Journal</i> , 2021, 166, 106275.	2.3	3
136	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.	1.3	2
137	Study of tamoxifen urinary metabolites in rat by ultra-high performance liquid chromatography time-of-flight mass spectrometry. <i>Biomedical Chromatography</i> , 2015, 29, 1220-1228.	0.8	1
138	Environmentally Friendly Solvents for Sample Preparation in Foodomics. , 2021, , 536-565.		1