

Antonia Garrido Frenich

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

291
papers

8,540
citations

48
h-index

75
g-index

298
ext. papers

9,443
ext. citations

4.6
avg, IF

6.37
L-index

#	Paper	IF	Citations
291	A metabolomics approach based on 1H NMR fingerprinting and chemometrics for quality control and geographical discrimination of black pepper. <i>Journal of Food Composition and Analysis</i> , 2022 , 105, 104235	4.1	2
290	Recent applications of chromatography for analysis of contaminants in cannabis products: a review. <i>Pest Management Science</i> , 2022 , 78, 19-29	4.6	3
289	Targeted and untargeted analysis of triazole fungicides and their metabolites in fruits and vegetables by UHPLC-orbitrap-MS. <i>Food Chemistry</i> , 2022 , 368, 130860	8.5	5
288	Critical Evaluation of Analytical Methods for the Determination of Anthropogenic Organic Contaminants in Edible Oils: An Overview of the Last Five Years.. <i>Critical Reviews in Analytical Chemistry</i> , 2022 , 1-15	5.2	
287	Targeted and non-targeted analysis of pesticides and aflatoxins in baby foods by liquid chromatography coupled to quadrupole Orbitrap mass spectrometry. <i>Food Control</i> , 2022 , 139, 109072	6.2	1
286	Looking beyond the Active Substance: Comprehensive Dissipation Study of Myclobutanil-Based Plant Protection Products in Tomatoes and Grapes Using Chromatographic Techniques Coupled to High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2022 , 70, 6385-6396	5.7	0
285	Fingerprinting based on gas chromatography-Orbitrap high-resolution mass spectrometry and chemometrics to reveal geographical origin, processing, and volatile markers for thyme authentication. <i>Food Chemistry</i> , 2022 , 133377	8.5	2
284	Applying an instrument-agnostic methodology for the standardization of pesticide quantitation using different liquid chromatography-mass spectrometry platforms: A case study.. <i>Journal of Chromatography A</i> , 2021 , 1664, 462791	4.5	1
283	New Phenolic Compounds in Seagrass: A Comprehensive Array Using High Resolution Mass Spectrometry. <i>Plants</i> , 2021 , 10,	4.5	5
282	A laboratory study on dissipation and risk assessment of the proinsecticide thiocyclam and its metabolite nereistoxin in tomato using liquid chromatography high resolution mass spectrometry. <i>Food Chemistry</i> , 2021 , 344, 128729	8.5	5
281	Feasibility of Applying Untargeted Metabolomics with GC-Orbitrap-HRMS and Chemometrics for Authentication of Black Pepper (L.) and Identification of Geographical and Processing Markers. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 5547-5558	5.7	6
280	Monitoring of polar pesticides and contaminants in edible oils and nuts by liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2021 , 343, 128495	8.5	4
279	Natural Occurrence, Legislation, and Determination of Aflatoxins Using Chromatographic Methods in Food: A Review (from 2010 to 2019). <i>Food Reviews International</i> , 2021 , 37, 244-275	5.5	9
278	Applicability of high-resolution NMR in combination with chemometrics for the compositional analysis and quality control of spices and plant-derived condiments. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 3541-3550	4.3	2
277	Determination of 3-monochloropropanediol esters and glycidyl esters in fatty matrices by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021 , 1639, 461940	4.5	3
276	Persistent organic pollutants (PCBs and PCDD/Fs), PAHs, and plasticizers in spices, herbs, and tea - A review of chromatographic methods from the last decade (2010-2020). <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-21	11.5	4
275	Offline Solid-Phase Extraction and Separation of Mineral Oil Saturated Hydrocarbons and Mineral Oil Aromatic Hydrocarbons in Edible Oils, and Analysis via GC with a Flame Ionization Detector. <i>Foods</i> , 2021 , 10,	4.9	2

274	Co-formulants in plant protection products: An analytical approach to their determination by gas chromatography-high resolution mass accuracy spectrometry. <i>Talanta</i> , 2021 , 234, 122641	6.2	4
273	Application of an innovative metabolomics approach to discriminate geographical origin and processing of black pepper by untargeted UHPLC-Q-Orbitrap-HRMS analysis and mid-level data fusion. <i>Food Research International</i> , 2021 , 150, 110722	7	3
272	Identification of adjuvants in plant protection products applying a suspect screening workflow based on orthogonal techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 4301-4311	4.4	1
271	Development and Application of a Novel Pluri-Residue Method to Determine Polar Pesticides in Fruits and Vegetables through Liquid Chromatography High Resolution Mass Spectrometry. <i>Foods</i> , 2020 , 9,	4.9	5
270	Dissipation and residue determination of fluopyram and its metabolites in greenhouse crops. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 4826-4833	4.3	5
269	Comprehensive tropane alkaloids analysis and retrospective screening of contaminants in honey samples using liquid chromatography-high resolution mass spectrometry (Orbitrap). <i>Food Research International</i> , 2020 , 133, 109130	7	4
268	Assessment of wastewater pollution by gas chromatography and high resolution Orbitrap mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1619, 460964	4.5	15
267	Mass spectrometry approaches to ensure food safety. <i>Analytical Methods</i> , 2020 , 12, 1148-1162	3.2	23
266	Development and full validation of a multiresidue method for the analysis of a wide range of pesticides in processed fruit by UHPLC-MS/MS. <i>Food Chemistry</i> , 2020 , 315, 126304	8.5	11
265	H NMR and multi-technique data fusion as metabolomic tool for the classification of golden rums by multivariate statistical analysis. <i>Food Chemistry</i> , 2020 , 317, 126363	8.5	13
264	Stability of antibacterial and coccidiostat drugs on chicken meat burgers upon cooking and in vitro digestion. <i>Food Chemistry</i> , 2020 , 316, 126367	8.5	4
263	A new strategy based on gas chromatography-high resolution mass spectrometry (GC-HRMS-Q-Orbitrap) for the determination of alkenylbenzenes in pepper and its varieties. <i>Food Chemistry</i> , 2020 , 321, 126727	8.5	14
262	Dissipation kinetics of fenamidone, propamocarb and their metabolites in ambient soil and water samples and unknown screening of metabolites. <i>Journal of Environmental Management</i> , 2020 , 254, 109818	7.9	4
261	Multifamily Determination of Phytohormones and Acidic Herbicides in Fruits and Vegetables by Liquid Chromatography-Tandem Mass Spectrometry under Accredited Conditions. <i>Foods</i> , 2020 , 9,	4.9	3
260	Simultaneous determination of polar pesticides in human blood serum by liquid chromatography coupled to triple quadrupole mass spectrometer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 190, 113492	3.5	6
259	Degradation studies of dimethachlor in soils and water by UHPLC-HRMS: putative elucidation of unknown metabolites. <i>Pest Management Science</i> , 2020 , 76, 721-729	4.6	4
258	Application of full scan gas chromatography high resolution mass spectrometry data to quantify targeted-pesticide residues and to screen for additional substances of concern in fresh-food commodities. <i>Journal of Chromatography A</i> , 2020 , 1622, 461118	4.5	11
257	Metabolomics approaches for the determination of multiple contaminants in food. <i>Current Opinion in Food Science</i> , 2019 , 28, 49-57	9.8	16

256	Residues and dissipation kinetics of famoxadone and its metabolites in environmental water and soil samples under different conditions. <i>Environmental Pollution</i> , 2019 , 252, 163-170	9.3	9
255	Determination of mycotoxins in nuts by ultra high-performance liquid chromatography-tandem mass spectrometry: Looking for a representative matrix. <i>Journal of Food Composition and Analysis</i> , 2019 , 82, 103228	4.1	17
254	Ultrahigh-pressure liquid chromatography-mass spectrometry: An overview of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 170-181	14.6	31
253	Monitoring of organophosphate and pyrethroid metabolites in human urine samples by an automated method (TurboFlow) coupled to ultra-high performance liquid chromatography-Orbitrap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 173, 31-38	3.5	13
252	Dissipation studies of famoxadone in vegetables under greenhouse conditions using liquid chromatography coupled to high-resolution mass spectrometry: putative elucidation of a new metabolite. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 5368-5376	4.3	10
251	Dissipation kinetic studies of fenamidone and propamocarb in vegetables under greenhouse conditions using liquid and gas chromatography coupled to high-resolution mass spectrometry. <i>Chemosphere</i> , 2019 , 226, 36-46	8.4	9
250	A rapid method for the determination of mycotoxins in edible vegetable oils by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2019 , 288, 22-28	8.5	40
249	Evaluation of the behaviour of propoxycarbazone herbicide in soils and water under different conditions. Post-targeted study. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 183, 109506	7	2
248	Fast analysis of glufosinate, glyphosate and its main metabolite, aminomethylphosphonic acid, in edible oils, by liquid chromatography coupled with electrospray tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019 , 36, 1376-1384	3.2	7
247	Determination of etidronic acid in vegetable-washing water by a simple and validated quantitative ³¹ P nuclear magnetic resonance method. <i>Microchemical Journal</i> , 2019 , 150, 104083	4.8	2
246	Effect of tea making and boiling processes on the degradation of tropane alkaloids in tea and pasta samples contaminated with Solanaceae seeds and coca leaf. <i>Food Chemistry</i> , 2019 , 287, 265-272	8.5	15
245	Optimization and establishment of QuEChERS based method for determination of propoxycarbazone and its metabolite in food commodities by liquid chromatography coupled to tandem mass spectrometry. <i>Food Chemistry</i> , 2019 , 274, 429-433	8.5	10
244	Determination of Calystegines in Several Tomato Varieties Based on GC-Q-Orbitrap Analysis and Their Classification by ANOVA. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1284-1291	5.7	8
243	An Innovative Metabolomic Approach for Golden Rum Classification Combining Ultrahigh-Performance Liquid Chromatography-Orbitrap Mass Spectrometry and Chemometric Strategies. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1302-1311	5.7	12
242	Degradation of tropane alkaloids in baked bread samples contaminated with Solanaceae seeds. <i>Food Research International</i> , 2019 , 122, 585-592	7	9
241	Reliable determination of tropane alkaloids in cereal based baby foods coupling on-line SPE to mass spectrometry avoiding chromatographic step. <i>Food Chemistry</i> , 2019 , 275, 746-753	8.5	16
240	Automated Determination of Xenobiotics (Pesticides, PCBs, PAHs, and PBDEs) in Sediment Samples Applying HS-SPME-GC-HRMS. <i>Journal of AOAC INTERNATIONAL</i> , 2018 ,	1.7	5
239	Behavior of quinalofop-p and its commercial products in water by liquid chromatography coupled to high resolution mass spectrometry. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 157, 285-291	7	9

238	Determination of steroid hormones and their metabolite in several types of meat samples by ultra high performance liquid chromatography-Orbitrap high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1540, 21-30	4.5	23
237	Simultaneous analysis of tropane alkaloids in teas and herbal teas by liquid chromatography coupled to high-resolution mass spectrometry (Orbitrap). <i>Journal of Separation Science</i> , 2018 , 41, 1938-1946	3.4	21
236	Identification and quantification of phenolic compounds in edible wild leafy vegetables by UHPLC/Orbitrap-MS. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 945-954	4.3	4
235	Determination of free and bound phenolic compounds and their antioxidant activity in buckwheat bread loaf, crust and crumb. <i>LWT - Food Science and Technology</i> , 2018 , 87, 217-224	5.4	20
234	Rum classification using fingerprinting analysis of volatile fraction by headspace solid phase microextraction coupled to gas chromatography-mass spectrometry. <i>Talanta</i> , 2018 , 187, 348-356	6.2	22
233	Analytical methods, occurrence and trends of tropane alkaloids and calystegines: An update. <i>Journal of Chromatography A</i> , 2018 , 1564, 1-15	4.5	31
232	Sesquiterpene lactones and inositol 4-hydroxyphenylacetic acid derivatives in wild edible leafy vegetables from Central Italy. <i>Journal of Food Composition and Analysis</i> , 2018 , 72, 1-6	4.1	13
231	Study of the occurrence of tropane alkaloids in animal feed using LC-HRMS. <i>Analytical Methods</i> , 2018 , 10, 3340-3346	3.2	11
230	Automated and simultaneous determination of priority substances and polychlorinated biphenyls in wastewater using headspace solid phase microextraction and high resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2018 , 1002, 39-49	6.6	22
229	Pushing the frontiers: boron-11 NMR as a method for quantitative boron analysis and its application to determine boric acid in commercial biocides. <i>Analyst, The</i> , 2018 , 143, 4707-4714	5	10
228	Analysis of calystegines in tomato-based products by liquid chromatography-Orbitrap mass spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1576, 51-57	4.5	10
227	Development and validation of a GCMS/MS method for priority polycyclic aromatic hydrocarbons quantification in different types of water samples. <i>Separation Science Plus</i> , 2018 , 1, 539-548	1.1	1
226	Screening of drugs and homeopathic products from <i>Atropa belladonna</i> seed extracts: Tropane alkaloids determination and untargeted analysis. <i>Drug Testing and Analysis</i> , 2018 , 10, 1579-1589	3.5	7
225	Determination of rodenticides and related metabolites in rabbit liver and biological matrices by liquid chromatography coupled to Orbitrap high resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 137, 235-242	3.5	8
224	The metabolic pathway of flonicamid in oranges using an orthogonal approach based on high-resolution mass spectrometry and nuclear magnetic resonance. <i>Analytical Methods</i> , 2017 , 9, 1718-1726	3.2	17
223	Application of HRMS in Pesticide Residue Analysis in Food From Animal Origin 2017 , 203-232		0
222	HRMS 2017 , 1-14		3
221	Multi-analysis determination of tropane alkaloids in cereals and solanaceae seeds by liquid chromatography coupled to single stage Exactive-Orbitrap. <i>Journal of Chromatography A</i> , 2017 , 1518, 46-58	4.5	24

220	Solid phase microextraction and gas chromatography coupled to magnetic sector high resolution mass spectrometry for the ultra-trace determination of contaminants in surface water. <i>Journal of Chromatography A</i> , 2017 , 1518, 15-24	4.5	13
219	Semiautomated determination of neonicotinoids and characteristic metabolite in urine samples using TurboFlow coupled to ultra high performance liquid chromatography coupled to Orbitrap analyzer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 146, 378-386	3.5	34
218	Degradation studies of quizalofop-p and related compounds in soils using liquid chromatography coupled to low and high resolution mass analyzers. <i>Science of the Total Environment</i> , 2017 , 607-608, 204-213	10.3	12
217	Simultaneous determination of atropine and scopolamine in buckwheat and related products using modified QuEChERS and liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2017 , 218, 173-180	8.5	42
216	Simple and Fast Determination of Acrylamide and Metabolites in Potato Chips and Grilled Asparagus by Liquid Chromatography Coupled to Mass Spectrometry. <i>Food Analytical Methods</i> , 2016 , 9, 1237-1245	3.4	5
215	Optimization and Validation of a Multiresidue Pesticide Method in Rice and Wheat Flour by Modified QuEChERS and GCMS/MS. <i>Food Analytical Methods</i> , 2016 , 9, 548-563	3.4	35
214	Multi-class determination of pesticides and mycotoxins in isoflavones supplements obtained from soy by liquid chromatography coupled to Orbitrap high resolution mass spectrometry. <i>Food Control</i> , 2016 , 59, 218-224	6.2	26
213	Multiclass Determination of Phenolic Compounds in Different Varieties of Tomato and Lettuce by Ultra High Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>International Journal of Food Properties</i> , 2016 , 19, 494-507	3	15
212	Sample Treatment in Pesticide Residue Determination in Food by High-Resolution Mass Spectrometry: Are Generic Extraction Methods the End of the Road?. <i>Journal of AOAC INTERNATIONAL</i> , 2016 , 99, 1395-1402	1.7	11
211	Automated and semi-automated extraction methods for GCMS determination of pesticides in environmental samples. <i>Trends in Environmental Analytical Chemistry</i> , 2016 , 12, 1-12	12	31
210	Headspace solid-phase microextraction coupled to gas chromatography-tandem mass spectrometry for the determination of haloanisoles in sparkling (cava and cider) and non-sparkling (wine) alcoholic beverages. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016 , 33, 1535-1544	3.2	3
209	Enantiomeric determination and evaluation of the racemization process of atropine in Solanaceae seeds and contaminated samples by high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1474, 79-84	4.5	19
208	Determination of polycyclic aromatic hydrocarbons in soy isoflavone nutraceutical products by gas chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 528-36	3.4	6
207	Quality control evaluation of nutraceutical products from Ginkgo biloba using liquid chromatography coupled to high resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 121, 151-160	3.5	21
206	Influence of storage conditions in the evolution of phytochemicals in nutraceutical products applying high resolution mass spectrometry. <i>Food Chemistry</i> , 2016 , 201, 59-63	8.5	3
205	Determination of polyphenols in grape-based nutraceutical products using high resolution mass spectrometry. <i>LWT - Food Science and Technology</i> , 2016 , 71, 249-259	5.4	11
204	Multi-class methodology to determine pesticides and mycotoxins in green tea and royal jelly supplements by liquid chromatography coupled to Orbitrap high resolution mass spectrometry. <i>Food Chemistry</i> , 2016 , 197, 907-15	8.5	92
203	Assessment of ochratoxin A stability following gamma irradiation: experimental approaches for feed detoxification perspectives. <i>World Mycotoxin Journal</i> , 2016 , 9, 289-298	2.5	8

202	Fast analysis of 4-tertoctylphenol, pentachlorophenol and 4-nonylphenol in river sediments by QuEChERS extraction procedure combined with GC-QqQ-MS/MS. <i>Science of the Total Environment</i> , 2016 , 557-558, 681-7	10.2	22
201	Phenolic profiling of the aerial part of <i>Chrysanthemum trifurcatum</i> using ultra high performance liquid chromatography coupled to Orbitrap high resolution mass spectrometry. <i>Analytical Methods</i> , 2016 , 8, 3517-3527	3.2	5
200	Simple and quick determination of analgesics and other contaminants of emerging concern in environmental waters by on-line solid phase extraction coupled to liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1446, 27-33	4.5	13
199	Fast determination of four polar contaminants in soy nutraceutical products by liquid chromatography coupled to tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8089-8098	4.4	18
198	Determination of flonicamid and its metabolites in bell pepper using ultra-high-performance liquid chromatography coupled to high-resolution mass spectrometry (Orbitrap). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016 , 33, 1685-1692	3.2	18
197	Identification and quantification of phytochemicals in nutraceutical products from green tea by UHPLC-Orbitrap-MS. <i>Food Chemistry</i> , 2015 , 173, 607-18	8.5	33
196	Simultaneous and highly sensitive determination of PCBs and PBDEs in environmental water and sediments by gas chromatography coupled to high resolution magnetic sector mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 3036-3047	3.2	15
195	Determination of Pesticides and Transformation Products in Ginkgo biloba Nutraceutical Products by Chromatographic Techniques Coupled to Mass Spectrometry. <i>Food Analytical Methods</i> , 2015 , 8, 2194-2201	3.4	6
194	Occurrence of pesticide residues and transformation products in different types of dietary supplements. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015 , 32, 849-56	3.2	3
193	Identification of transformation products of pesticides and veterinary drugs in food and related matrices: use of retrospective analysis. <i>Journal of Chromatography A</i> , 2015 , 1389, 133-8	4.5	22
192	Analysis of veterinary drug and pesticide residues in animal feed by high-resolution mass spectrometry: comparison between time-of-flight and Orbitrap. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015 , 32, 1637-46	3.2	30
191	Development and Validation of a Multiresidue Method for the Determination of Pesticides in Dry Samples (Rice and Wheat Flour) Using Liquid Chromatography/Triple Quadrupole Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2015 , 98, 1186-98	1.7	13
190	Evaluation of the Presence of Phenolic Compounds in Different Varieties of Apple by Ultra-High-Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2015 , 8, 696-709	3.4	18
189	Multifamily determination of pesticide residues in soya-based nutraceutical products by GC/MS-MS. <i>Food Chemistry</i> , 2015 , 173, 796-807	8.5	48
188	Determination of toxic substances, pesticides and mycotoxins, in ginkgo biloba nutraceutical products by liquid chromatography Orbitrap-mass spectrometry. <i>Microchemical Journal</i> , 2015 , 118, 124-130	4.8	36
187	Multi-pesticide residue analysis in nutraceuticals from grape seed extracts by gas chromatography coupled to triple quadrupole mass spectrometry. <i>Food Control</i> , 2015 , 47, 369-380	6.2	30
186	Analysis of pesticide and veterinary drug residues in baby food by liquid chromatography coupled to Orbitrap high resolution mass spectrometry. <i>Talanta</i> , 2015 , 131, 1-7	6.2	47
185	Residues and Organic Contaminants in Agricultural Soils in Intensive Agricultural Areas of Spain: A Three Years Survey. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 746-753	1.6	8

184	Systematic Study of the Content of Phytochemicals in Fresh and Fresh-Cut Vegetables. <i>Antioxidants</i> , 2015 , 4, 345-58	7.1	4
183	Application of QuEChERS based method for the determination of pesticides in nutraceutical products (<i>Camellia sinensis</i>) by liquid chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Food Chemistry</i> , 2015 , 177, 182-90	8.5	31
182	Analytical approaches for the determination of pesticide residues in nutraceutical products and related matrices by chromatographic techniques coupled to mass spectrometry. <i>Talanta</i> , 2014 , 118, 277-91	6.2	45
181	Identification and quantification of the main isoflavones and other phytochemicals in soy based nutraceutical products by liquid chromatography-orbitrap high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1348, 125-36	4.5	38
180	Determination of Phenolic Compounds in Artichoke, Garlic and Spinach by Ultra-High-Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2014 , 7, 2095-2106	3.4	35
179	Simultaneous analysis of antibiotics in biological samples by ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 89, 203-12	3.5	90
178	Monitoring of phytochemicals in fresh and fresh-cut vegetables: a comparison. <i>Food Chemistry</i> , 2014 , 142, 392-9	8.5	39
177	Comprehensive analysis of toxics (pesticides, veterinary drugs and mycotoxins) in food by UHPLC-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 63, 158-169	14.6	89
176	Determination of multi-class pesticide residue in dietary supplements from grape seed extracts by ultra-high-performance liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014 , 31, 1550-61	3.2	6
175	Multi-class pesticide determination in royal jelly by gas chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Analytical Methods</i> , 2014 , 6, 5376-5386	3.2	6
174	Fast analysis of polyphenols in royal jelly products using automated TurboFlow liquid chromatography-Orbitrap high resolution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 973C, 17-28	3.2	40
173	Wide-scope analysis of pesticide and veterinary drug residues in meat matrices by high resolution MS: detection and identification using Exactive-Orbitrap. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 27-36	2.2	45
172	Evaluation of the potential of GC-APCI-MS for the analysis of pesticide residues in fatty matrices. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 899-902	3.5	16
171	Ultrahigh-Performance Liquid Chromatography Coupled with High-Resolution Mass Spectrometry: A Reliable Tool for Analysis of Veterinary Drugs in Food 2014 , 167-212		
170	Multiresidue Analysis: State of the Art and Prospects 2014 , 1-29		
169	QuEChERS approach for the determination of biopesticides in organic and nonorganic vegetables and fruits by ultra-performance liquid chromatography/tandem mass spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1027-33	1.7	7
168	Determination of quaternary ammonium compounds in oranges and cucumbers using QuEChERS extraction and ultra-performance liquid chromatography/tandem mass spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1021-6	1.7	12
167	Determination of several families of phytochemicals in different pre-cooked convenience vegetables: effect of lifetime and cooking. <i>International Journal of Food Sciences and Nutrition</i> , 2014 , 65, 791-6	3.7	2

166	Multiresidue method for the fast determination of pesticides in nutraceutical products (<i>Camellia sinensis</i>) by GC coupled to triple quadrupole MS. <i>Journal of Separation Science</i> , 2014 , 37, 665-74	3.4	13
165	Highly sensitive determination of polybrominated diphenyl ethers in surface water by GC coupled to high-resolution MS according to the EU Water Directive 2008/105/EC. <i>Journal of Separation Science</i> , 2014 , 37, 69-76	3.4	13
164	Simultaneous and Fast Determination of Malachite Green, Leucomalachite Green, Crystal Violet, and Brilliant Green in Seafood by Ultrahigh Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2013 , 6, 406-414	3.4	37
163	Wide-scope analysis of veterinary drug and pesticide residues in animal feed by liquid chromatography coupled to quadrupole-time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6543-53	4.4	40
162	Multiclass determination of phytochemicals in vegetables and fruits by ultra high performance liquid chromatography coupled to tandem mass spectrometry. <i>Food Chemistry</i> , 2013 , 141, 1120-9	8.5	48
161	Rapid and semiautomated method for the analysis of veterinary drug residues in honey based on turbulent-flow liquid chromatography coupled to ultrahigh-performance liquid chromatography-Orbitrap mass spectrometry (TFC-UHPLC-Orbitrap-MS). <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 822-30	5.7	39
160	Analysis of veterinary drug residues in cheese by ultra-high-performance LC coupled to triple quadrupole MS/MS. <i>Journal of Separation Science</i> , 2013 , 36, 1223-30	3.4	29
159	Rapid and sensitive on-line solid phase extraction-ultra high performance liquid chromatography-electrospray-tandem mass spectrometry analysis of pesticides in surface waters. <i>Journal of Chromatography A</i> , 2013 , 1305, 193-202	4.5	35
158	Systematic study of the contamination of wastewater treatment plant effluents by organic priority compounds in Almeria province (SE Spain). <i>Science of the Total Environment</i> , 2013 , 447, 381-9	10.2	29
157	Priority organic compounds in wastewater effluents from the Mediterranean and Atlantic basins of Andalusia (Spain). <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 2194-203	4.3	5
156	Economic evaluation of pesticide-residue analysis of vegetables. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 44, 90-97	14.6	7
155	Determination of nitrofurantol metabolites in seafood by ultra high performance liquid chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2013 , 30, 86-93	4.1	38
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149	Innovative determination of polar organophosphonate pesticides based on high-resolution Orbitrap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 1458-65	2.2	12

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147	Multi-mycotoxin determination in cereals and derived products marketed in Tunisia using ultra-high performance liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2376-81	4.7	61
146	Comprehensive qualitative and quantitative determination of pesticides and veterinary drugs in honey using liquid chromatography-Orbitrap high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1248, 130-8	4.5	149
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143	Multiclass method for fast determination of veterinary drug residues in baby food by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2012 , 132, 2171-2180	8.5	80
142	Analysis of phenolic compounds in olive oil by solid-phase extraction and ultra high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2012 , 134, 2465-72	8.5	81
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138	Food contaminant analysis at high resolution mass spectrometry: application for the determination of veterinary drugs in milk. <i>Journal of Chromatography A</i> , 2011 , 1218, 9353-65	4.5	57
137	Comparison of solid phase microextraction and hollow fiber liquid phase microextraction for the determination of pesticides in aqueous samples by gas chromatography triple quadrupole tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 2043-59	4.4	25
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131	Simultaneous determination of pesticides, biopesticides and mycotoxins in organic products applying a quick, easy, cheap, effective, rugged and safe extraction procedure and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 1177-85	4.5	133

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125	Depletion of veterinary drugs used in aquaculture after administration in feed to gilthead seabream (<i>Sparus aurata</i>). <i>Journal of Food Protection</i> , 2010 , 73, 1664-70	2.5	11
124	Liquid Chromatography-Mass Spectrometry Determination of Sterols in Olive Oil 2010 , 591-601		1
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19	Application of several modified peak purity assays to real complex multicomponent mixtures by high-performance liquid chromatography with diode-array detection. <i>Journal of Chromatography A</i> , 1999 , 855, 487-99	4.5	27
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17	Resolution of imidacloprid pesticide and its metabolite 6-chloronicotinic acid using cross-sections of spectrochromatograms obtained by high-performance liquid chromatography with diode-array detection. <i>Journal of Chromatography A</i> , 1998 , 799, 149-154	4.5	33
16	Cross-sections of spectrochromatograms for the resolution of overlapping peaks in diode-array high-performance liquid-chromatography. <i>Talanta</i> , 1998 , 46, 1329-40	6.2	7
15	Comparison of Multicomponent Determination of Iprodione, Procymidone and Chlorothalonil by Partial Least Squares Modelling Using Spectrophotometric and High-Performance Liquid Chromatography Data. <i>Analytical Letters</i> , 1997 , 30, 2409-2432	2.2	17
14	Determination of Folpet, Procymidone, and Triazophos in Groundwater by HPLC Using Partial Least Squares and Principal Component Regression. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997 , 20, 425-442	1.3	9
13	Comparative Study for Determining Diuron and Chlorpyrifos at PPB Levels by First Derivative Spectra and Multivariate Calibration Methods. <i>Analytical Letters</i> , 1997 , 30, 341-358	2.2	10
12	Resolution of folpet, procymidone and triazophos in high-performance liquid chromatography-diode array detection by using partial least squares calibration to cross-sections of spectrochromatograms. <i>Journal of Chromatography A</i> , 1997 , 778, 183-192	4.5	11
11	Evaluation of multiwavelength chromatograms for the quantification of mixtures of pesticides by high-performance liquid chromatography-diode array detection with multivariate calibration. <i>Journal of Chromatography A</i> , 1997 , 778, 139-49	4.5	25
10	Degradation of Fenamiphos and Folpet in Water. <i>International Journal of Environmental Analytical Chemistry</i> , 1996 , 63, 137-145	1.8	4
9	Cross-sections of spectrochromatograms for the resolution of folpet, procymidone and triazophos pesticides in high-performance liquid chromatography with diode-array detection. <i>Analyst, The</i> , 1996 , 121, 1367	5	6
8	Determination of cypermethrin, fenvalerate and cis- and trans-permethrin in soil and groundwater by high-performance liquid chromatography using partial least-squares regression. <i>Journal of Chromatography A</i> , 1996 , 727, 39-46	4.5	45
7	Spectrophotometric Method To Determine Ternary Mixtures of Atrazine, Diuron, and Chlorpyrifos in Water and Soil by a Ratio Spectrum-Zero Crossing Method. <i>Journal of AOAC INTERNATIONAL</i> , 1995 , 78, 423-430	1.7	3
6	Wavelength selection method for multicomponent spectrophotometric determinations using partial least squares. <i>Analyst, The</i> , 1995 , 120, 2787	5	107
5	Multicomponent determination of atrazine, diuron and chlorpyrifos in groundwaters and soils by spectrophotometry using multivariate calibration. <i>Analyst, The</i> , 1994 , 119, 1189	5	25

4	Determination of fenamiphos and folpet in water by time-domain differentiation of high-performance liquid chromatographic peaks. <i>Analyst, The</i> , 1994 , 119, 2231	5	13
3	Simultaneous Determination of Atrazine and Chlorpyrifos in Pesticide Formulations, in Soils and Waters by Derivative Spectrophotometry and Ratio Spectra Derivative. <i>Analytical Letters</i> , 1994 , 27, 807-818	2,2	16
2	Fungal mycotoxins reduction by gamma irradiation in naturally contaminated sorghum. <i>Journal of Food Processing and Preservation</i> , e16345	2.1	0
1	Determination and Occurrence of Alkenylbenzenes, Pyrrolizidine and Tropane Alkaloids in Spices, Herbs, Teas, and Other Plant-derived Food Products Using Chromatographic Methods: Review from 2010-2020. <i>Food Reviews International</i> , 1-27	5.5	6