

Amadeo R Fernández-Alba

List of Publications by Year in descending order

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Version: 2024-02-01

220
papers

15,588
citations

13827

67
h-index

19690

117
g-index

225
all docs

225
docs citations

225
times ranked

12950
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate, modeling, and human health risk of organic contaminants present in tomato plants irrigated with reclaimed water under real-world field conditions. <i>Science of the Total Environment</i> , 2022, 806, 150909.	3.9	13
2	Presence and distribution of pesticides in apicultural products: A critical appraisal. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 146, 116506.	5.8	26
3	Ion chromatography coupled to Q-Orbitrap for the analysis of formic and oxalic acid in beehive matrices: a field study. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2419-2430.	1.9	7
4	Development of Avocado Reference Material for Pesticide Residue Analysis. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 1051-1059.	0.7	1
5	First national survey of residues of active substances in honeybee apiaries across Spain between 2012 and 2016. <i>Science of the Total Environment</i> , 2022, 838, 155614.	3.9	3
6	Use of high-resolution mass spectrometry for the first-time identification of gerberin as a tentative marker of the fraudulent organic production of tomatoes. <i>Journal of Food Composition and Analysis</i> , 2022, 112, 104662.	1.9	4
7	Fennel seeds extract as an analyte protectant for the GC-MS/MS residue analysis of 182 pesticide in strawberries: Comparing the manual mixing and sandwich injection. <i>Journal of Chromatography Open</i> , 2022, 2, 100056.	0.8	1
8	A three-year large scale study on the risk of honey bee colony exposure to blooming sunflowers grown from seeds treated with thiamethoxam and clothianidin neonicotinoids. <i>Chemosphere</i> , 2021, 262, 127735.	4.2	12
9	Overcoming difficulties in the evaluation of captan and folpet residues by supercritical fluid chromatography coupled to mass spectrometry. <i>Talanta</i> , 2021, 223, 121714.	2.9	15
10	Presence of anthraquinone in coffee and tea samples. An improved methodology based on mass spectrometry and a pilot monitoring programme. <i>Analytical Methods</i> , 2021, 13, 99-109.	1.3	10
11	Monitoring of pesticide residues in crops irrigated with reclaimed water by a multiresidue method based on modified QuEChERS. <i>Analytical Methods</i> , 2021, 13, 4131-4142.	1.3	4
12	Analysis by LC-MS/MS of polar pesticides in fruits and vegetables using new hybrid stationary phase. <i>MethodsX</i> , 2021, 8, 101306.	0.7	9
13	Honeybees as active samplers for microplastics. <i>Science of the Total Environment</i> , 2021, 767, 144481.	3.9	69
14	Improving the simultaneous target and non-target analysis LC-amenable pesticide residues using high speed Orbitrap mass spectrometry with combined multiple acquisition modes. <i>Talanta</i> , 2021, 228, 122241.	2.9	20
15	Liquid chromatography versus supercritical fluid chromatography coupled to mass spectrometry: a comparative study of performance for multiresidue analysis of pesticides. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5849-5857.	1.9	11
16	Removal of pesticide residues from beeswax using a methanol extraction-based procedure: A pilot-scale study. <i>Environmental Technology and Innovation</i> , 2021, 23, 101606.	3.0	9
17	Determination study of contaminants of emerging concern at trace levels in agricultural soil. A pilot study. <i>Science of the Total Environment</i> , 2021, 782, 146759.	3.9	17
18	Dissipation and cross-contamination of miticides in apiculture. Evaluation by APIStrip-based sampling. <i>Chemosphere</i> , 2021, 280, 130783.	4.2	8

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19	Cutting-edge approach using dual-channel chromatography to overcome the sensitivity issues associated with polarity switching in pesticide residues analysis. <i>Analytica Chimica Acta</i> , 2021, 1180, 338875.	2.6	2
20	Environmental monitoring study of pesticide contamination in Denmark through honey bee colonies using APIStrip-based sampling. <i>Environmental Pollution</i> , 2021, 290, 117888.	3.7	7
21	Validation of a quick and easy extraction method for the determination of emerging contaminants and pesticide residues in agricultural soils. <i>MethodsX</i> , 2021, 8, 101290.	0.7	5
22	Multilaboratory Collaborative Study of a Nontarget Data Acquisition for Target Analysis (nDATA) Workflow Using Liquid Chromatography-High-Resolution Accurate Mass Spectrometry for Pesticide Screening in Fruits and Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13200-13216.	2.4	11
23	The toxic unit approach as a risk indicator in honey bees surveillance programmes: A case of study in <i>Apis mellifera iberiensis</i> . <i>Science of the Total Environment</i> , 2020, 698, 134208.	3.9	14
24	Distribution of chemical residues in the beehive compartments and their transfer to the honeybee brood. <i>Science of the Total Environment</i> , 2020, 710, 136288.	3.9	53
25	Dual-channel chromatography a smart way to improve the analysis efficiency in liquid chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1633, 461614.	1.8	2
26	Supercritical fluid chromatography separation of chiral pesticides: Unique capabilities to study cyhalothrin and metalaxyl as examples. <i>Journal of Chromatography A</i> , 2020, 1620, 461007.	1.8	19
27	Evaluation of segmented non-target data acquisition (SWATH/vDIA) in a QToF and QOrbitrap for pesticide residue analysis. <i>Analytical Methods</i> , 2020, 12, 2027-2038.	1.3	10
28	Pesticide residues evaluation of organic crops. A critical appraisal. <i>Food Chemistry: X</i> , 2020, 5, 100079.	1.8	16
29	APIStrip, a new tool for environmental contaminant sampling through honeybee colonies. <i>Science of the Total Environment</i> , 2020, 729, 138948.	3.9	15
30	Identification and measurement of veterinary drug residues in beehive products. <i>Food Chemistry</i> , 2019, 274, 61-70.	4.2	72
31	Exploration of environmental contaminants in honeybees using GC-TOF-MS and GC-Orbitrap-MS. <i>Science of the Total Environment</i> , 2019, 647, 232-244.	3.9	46
32	High-resolution mass spectrometry with data independent acquisition for the comprehensive non-targeted analysis of migrating chemicals coming from multilayer plastic packaging materials used for fruit purée and juice. <i>Talanta</i> , 2019, 191, 180-192.	2.9	53
33	LC-ESI-QOrbitrap, MS/MS within pesticide residue analysis in fruits and vegetables. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 587-596.	5.8	36
34	Supercritical fluid chromatography coupled to tandem mass spectrometry for the analysis of pesticide residues in dried spices. Benefits and drawbacks. <i>Analytica Chimica Acta</i> , 2019, 1059, 124-135.	2.6	23
35	Supercritical Fluid Chromatography and Gas Chromatography Coupled to Tandem Mass Spectrometry for the Analysis of Pyrethroids in Vegetable Matrices: A Comparative Study. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12626-12632.	2.4	27
36	Identification of unexpected chemical contaminants in baby food coming from plastic packaging migration by high resolution accurate mass spectrometry. <i>Food Chemistry</i> , 2019, 295, 274-288.	4.2	39

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37	Evaluation of glyphosate and AMPA in honey by water extraction followed by ion chromatography mass spectrometry. A pilot monitoring study. <i>Analytical Methods</i> , 2019, 11, 2123-2128.	1.3	26
38	Selectivity enhancement using sequential mass isolation window acquisition with hybrid quadrupole time-of-flight mass spectrometry for pesticide residues. <i>Journal of Chromatography A</i> , 2019, 1591, 99-109.	1.8	7
39	Evaluation of supercritical fluid chromatography coupled to tandem mass spectrometry for pesticide residues in food. <i>Journal of Chromatography A</i> , 2018, 1545, 67-74.	1.8	34
40	Analysis and evaluation of (neuro)peptides in honey bees exposed to pesticides in field conditions. <i>Environmental Pollution</i> , 2018, 235, 750-760.	3.7	6
41	A non-targeted metabolomic approach to identify food markers to support discrimination between organic and conventional tomato crops. <i>Journal of Chromatography A</i> , 2018, 1546, 66-76.	1.8	58
42	Viability of honeybee colonies exposed to sunflowers grown from seeds treated with the neonicotinoids thiamethoxam and clothianidin. <i>Chemosphere</i> , 2018, 202, 609-617.	4.2	24
43	Further improvements in pesticide residue analysis in food by applying gas chromatography triple quadrupole mass spectrometry (GC-QqQ-MS/MS) technologies. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5491-5506.	1.9	20
44	Ultrasound-assisted extraction based on QuEChERS of pesticide residues in honeybees and determination by LC-MS/MS and GC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5195-5210.	1.9	28
45	High-throughput gas chromatography-mass spectrometry analysis of pesticide residues in spices by using the enhanced matrix removal-lipid and the sample dilution approach. <i>Journal of Chromatography A</i> , 2018, 1573, 28-41.	1.8	38
46	Analysis of thermally labile pesticides by on-column injection gas chromatography in fruit and vegetables. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6861-6871.	1.9	32
47	Pesticide Residue Analysis in Fruit- and Vegetable-Based Baby Foods Using GC-Orbitrap MS. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 374-382.	0.7	20
48	Application of Orbitrap Mass Spectrometry in Food Analysis. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 335-335.	0.7	3
49	Improvements in identification and quantitation of pesticide residues in food by LC-QTOF using sequential mass window acquisition (SWATH®). <i>Analytical Methods</i> , 2018, 10, 2821-2833.	1.3	21
50	Coupling Ion Chromatography to Q-Orbitrap for the Fast and Robust Analysis of Anionic Pesticides in Fruits and Vegetables. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 352-359.	0.7	26
51	Antimicrobial organic-inorganic composite membranes including sepiolite-supported nanometals. <i>RSC Advances</i> , 2017, 7, 2323-2332.	1.7	11
52	Evaluation of MS2 workflows in LC-Q-Orbitrap for pesticide multi-residue methods in fruits and vegetables. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5389-5400.	1.9	26
53	Shifting the paradigm in gas chromatography mass spectrometry pesticide analysis using high resolution accurate mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1501, 107-116.	1.8	31
54	Identification of non-intentionally added substances in food packaging nano films by gas and liquid chromatography coupled to orbitrap mass spectrometry. <i>Talanta</i> , 2017, 172, 68-77.	2.9	53

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55	Non-target evaluation of contaminants in honey bees and pollen samples by gas chromatography time-of-flight mass spectrometry. <i>Chemosphere</i> , 2017, 184, 1310-1319.	4.2	43
56	Matrix Effects and Interferences of Different Citrus Fruit Coextractives in Pesticide Residue Analysis Using Ultrahigh-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4819-4829.	2.4	69
57	Matrix interference evaluation employing GC and LC coupled to triple quadrupole tandem mass spectrometry. <i>Talanta</i> , 2017, 174, 72-81.	2.9	82
58	Simultaneous combination of MS2 workflows for pesticide multiresidue analysis with LC-QOrbitrap. <i>Analytical Methods</i> , 2017, 9, 2256-2264.	1.3	9
59	Dendrimer-functionalized electrospun nanofibres as dual-action water treatment membranes. <i>Science of the Total Environment</i> , 2017, 601-602, 732-740.	3.9	26
60	European Union proficiency tests for pesticide residues in fruit and vegetables from 2009 to 2016: Overview of the results and main achievements. <i>Food Control</i> , 2017, 82, 101-113.	2.8	20
61	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
62	Multiresidue method for trace pesticide analysis in honeybee wax comb by GC-QqQ-MS. <i>Talanta</i> , 2017, 163, 54-64.	2.9	49
63	The evaluation of matrix effects in pesticide multi-residue methods via matrix fingerprinting using liquid chromatography electrospray high-resolution mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 4664-4673.	1.3	33
64	Characterization of non-intentionally added substances (NIAS) and zinc oxide nanoparticle release from evaluation of new antimicrobial food contact materials by both LC-QTOF-MS, GC-QTOF-MS and ICP-MS. <i>Analytical Methods</i> , 2016, 8, 7209-7216.	1.3	15
65	Large multiresidue analysis of pesticides in edible vegetable oils by using efficient solid-phase extraction sorbents based on quick, easy, cheap, effective, rugged and safe methodology followed by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1463, 20-31.	1.8	68
66	Determination of pesticides in edible oils by liquid chromatography-tandem mass spectrometry employing new generation materials for dispersive solid phase extraction clean-up. <i>Journal of Chromatography A</i> , 2016, 1462, 8-18.	1.8	50
67	Screening of pesticide residues in honeybee wax comb by LC-ESI-MS/MS. A pilot study. <i>Chemosphere</i> , 2016, 163, 44-53.	4.2	56
68	Laboratory Triple-A rating: A new approach to evaluate performance-underperformance of laboratories participating in EU proficiency tests for multi-residue analysis of pesticides in fruits and vegetables. <i>Food Control</i> , 2016, 63, 255-258.	2.8	7
69	Screening of environmental contaminants in honey bee wax comb using gas chromatography-high-resolution time-of-flight mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4609-4620.	2.7	26
70	Miniaturisation and optimisation of the Dutch mini-Luke extraction method for implementation in the routine multi-residue analysis of pesticides in fruits and vegetables. <i>Food Chemistry</i> , 2016, 192, 668-681.	4.2	37
71	A sensitive and efficient method for routine pesticide multiresidue analysis in bee pollen samples using gas and liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1426, 161-173.	1.8	72
72	Analysis of pesticide residues in fruits and vegetables using gas chromatography-high resolution time-of-flight mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 2162-2171.	1.3	13

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73	Negative chemical ionization gas chromatography coupled to hybrid quadrupole time-of-flight mass spectrometry and automated accurate mass data processing for determination of pesticides in fruit and vegetables. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6327-6343.	1.9	21
74	Application of zirconium dioxide nanoparticle sorbent for the clean-up step in post-harvest pesticide residue analysis. <i>Talanta</i> , 2015, 144, 51-61.	2.9	38
75	Proficiency test on the determination of pesticide residues in grapes with multi-residue methods. <i>Journal of Chromatography A</i> , 2015, 1395, 143-151.	1.8	21
76	Liquid chromatography Orbitrap mass spectrometry with simultaneous full scan and tandem MS/MS for highly selective pesticide residue analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6317-6326.	1.9	53
77	Continuous ozonation treatment of ofloxacin: Transformation products, water matrix effect and aquatic toxicity. <i>Journal of Hazardous Materials</i> , 2015, 292, 34-43.	6.5	104
78	Benzimidazole and imidazole fungicide analysis in grape and wine samples using a competitive enzyme-linked immunosorbent assay. <i>Analytical Methods</i> , 2015, 7, 9158-9165.	1.3	22
79	Development of an indirect enzyme immunoassay for the determination of thiabendazole in white and red wines. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 1299-1309.	1.8	15
80	Microflow Liquid Chromatography Coupled to Mass Spectrometry—An Approach to Significantly Increase Sensitivity, Decrease Matrix Effects, and Reduce Organic Solvent Usage in Pesticide Residue Analysis. <i>Analytical Chemistry</i> , 2015, 87, 1018-1025.	3.2	49
81	Validation and application of micro flow liquid chromatography—tandem mass spectrometry for the determination of pesticide residues in fruit jams. <i>Talanta</i> , 2015, 134, 415-424.	2.9	26
82	Simultaneous screening of targeted and non-targeted contaminants using an LC-QTOF-MS system and automated MS/MS library searching. <i>Journal of Mass Spectrometry</i> , 2014, 49, 878-893.	0.7	40
83	Evaluation of zirconium dioxide-based sorbents to decrease the matrix effect in avocado and almond multiresidue pesticide analysis followed by gas chromatography tandem mass spectrometry. <i>Talanta</i> , 2014, 118, 68-83.	2.9	84
84	Post-acquisition data processing for the screening of transformation products of different organic contaminants. Two-year monitoring of river water using LC-ESI-QTOF-MS and GCxGC-El-TOF-MS. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12583-12604.	2.7	33
85	Validation of a multiclass multiresidue method and monitoring results for 210 pesticides in fruits and vegetables by gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 557-568.	0.7	25
86	Large pesticide multiresidue screening method by liquid chromatography-Orbitrap mass spectrometry in full scan mode applied to fruit and vegetables. <i>Journal of Chromatography A</i> , 2014, 1360, 119-127.	1.8	93
87	Fate and transformation products of amine-terminated PAMAM dendrimers under ozonation and irradiation. <i>Journal of Hazardous Materials</i> , 2014, 266, 102-113.	6.5	13
88	Determination of hormonally active chlorinated chemicals in waters at sub $\mu\text{g/L}$ level using stir bar sorptive extraction-liquid desorption followed by negative chemical ionization-gas chromatography triple quadrupole mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 48-64.	1.8	4
89	Qualitative and quantitative analysis of poly(amidoamine) dendrimers in an aqueous matrix by liquid chromatography—electrospray ionization-hybrid quadrupole/time-of-flight mass spectrometry (LC-ESI-QTOF-MS). <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5901-5914.	1.9	9
90	Determination of pesticide residues in high oil vegetal commodities by using various multi-residue methods and clean-ups followed by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1304, 109-120.	1.8	164

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91	Energy efficiency for the removal of non-polar pollutants during ultraviolet irradiation, visible light photocatalysis and ozonation of a wastewater effluent. <i>Water Research</i> , 2013, 47, 5546-5556.	5.3	48
92	Comparison of three multiresidue methods to analyse pesticides in green tea with liquid and gas chromatography/tandem mass spectrometry. <i>Analyst, The</i> , 2013, 138, 921-931.	1.7	54
93	Identification and quantification of poly(amidoamine) PAMAM dendrimers of generations 0 to 3 by liquid chromatography/hybrid quadrupole time-of-flight mass spectrometry in aqueous medium. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 747-762.	0.7	13
94	Liquid chromatography-high-resolution mass spectrometry for pesticide residue analysis in fruit and vegetables: Screening and quantitative studies. <i>Journal of Chromatography A</i> , 2013, 1287, 24-37.	1.8	159
95	Automated dynamic headspace followed by a comprehensive two-dimensional gas chromatography full scan time-of-flight mass spectrometry method for screening of volatile organic compounds (VOCs) in water. <i>Analytical Methods</i> , 2013, 5, 1165.	1.3	17
96	New trends in the analytical determination of emerging contaminants and their transformation products in environmental waters. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3496-3515.	2.7	125
97	Quantitative determination of poly(amidoamine) dendrimers in urine by liquid chromatography/electrospray ionization hybrid quadrupole linear ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2519-2529.	0.7	6
98	Investigation of Galaxolide degradation products generated under oxidative and irradiation processes by liquid chromatography/hybrid quadrupole time-of-flight mass spectrometry and comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1237-1250.	0.7	20
99	Inclusion of 1-Naphthylacetic Acid and 2-(1-Naphthyl)acetamide into Three Typical Multiresidue Methods for LC/MS/MS Analysis of Tomatoes and Zucchini. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1520-1527.	0.7	6
100	Simultaneous measurement in mass and mass/mass mode for accurate qualitative and quantitative screening analysis of pharmaceuticals in river water. <i>Journal of Chromatography A</i> , 2012, 1256, 80-88.	1.8	58
101	Two new competitive ELISA methods for the determination of caffeine and cotinine in wastewater and river waters. <i>Analytical Methods</i> , 2012, 4, 3364.	1.3	15
102	Oxidative and photochemical processes for the removal of galaxolide and tonalide from wastewater. <i>Water Research</i> , 2012, 46, 4435-4447.	5.3	61
103	In vitro dose-response effects of poly(amidoamine) dendrimers [amino-terminated and surface-modified with N-(2-hydroxydodecyl) groups] and quantitative determination by a liquid chromatography-hybrid quadrupole/time-of-flight mass spectrometry based method. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2749-2763.	1.9	12
104	Pesticide analysis in teas and chamomile by liquid chromatography and gas chromatography tandem mass spectrometry using a modified QuEChERS method: Validation and pilot survey in real samples. <i>Journal of Chromatography A</i> , 2012, 1268, 109-122.	1.8	133
105	Determination of chlorothalonil in difficult-to-analyse vegetable matrices using various multiresidue methods. <i>Analyst, The</i> , 2012, 137, 2513.	1.7	19
106	Chemical Evaluation of Water Treatment Processes by LC-(Q)TOF-MS. <i>Comprehensive Analytical Chemistry</i> , 2012, , 61-109.	0.7	5
107	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
108	Occurrence and Distribution Study of Residues from Pesticides Applied under Controlled Conditions in the Field during Rice Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4440-4448.	2.4	50

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109	Chemical and Ecotoxicological Assessment of Dendrimers in the Aquatic Environment. <i>Comprehensive Analytical Chemistry</i> , 2012, , 197-233.	0.7	9
110	Application of HPLC-TOF-MS and HPLC-QTOF-MS/MS for Pesticide Residues Analysis in Fruit and Vegetable Matrices. <i>Comprehensive Analytical Chemistry</i> , 2012, 58, 1-60.	0.7	11
111	A sensitive and selective method for the determination of selected pesticides in fruit by gas chromatography/mass spectrometry with negative chemical ionization. <i>Journal of Chromatography A</i> , 2012, 1264, 110-116.	1.8	28
112	Parts per trillion level determination of endocrine-disrupting chlorinated compounds in river water and wastewater effluent by stir-bar-sorptive extraction followed by gas chromatography-triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1993-2006.	1.9	19
113	Photolytic and photocatalytic degradation of quinclorac in ultrapure and paddy field water: Identification of transformation products and pathways. <i>Chemosphere</i> , 2012, 87, 838-844.	4.2	36
114	Occurrence and persistence of organic emerging contaminants and priority pollutants in five sewage treatment plants of Spain: Two years pilot survey monitoring. <i>Environmental Pollution</i> , 2012, 164, 267-273.	3.7	374
115	Spatio-temporal evaluation of organic contaminants and their transformation products along a river basin affected by urban, agricultural and industrial pollution. <i>Science of the Total Environment</i> , 2012, 420, 134-145.	3.9	91
116	Determination of volatile organic compounds in drinking and environmental waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 32, 60-75.	5.8	102
117	Analytical improvements of hybrid LC-MS/MS techniques for the efficient evaluation of emerging contaminants in river waters: a case study of the Henares River (Madrid, Spain). <i>Environmental Science and Pollution Research</i> , 2012, 19, 467-481.	2.7	15
118	Determination of nicotine in mushrooms by various GC/MS- and LC/MS-based methods. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 935-943.	1.9	25
119	Determination of selected pesticides by GC with simultaneous detection by MS (NCI) and $\hat{1}/4$ -ECD in fruit and vegetable matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1365-1372.	1.9	16
120	Comparative Study of the Main Top-down Approaches for the Estimation of Measurement Uncertainty in Multiresidue Analysis of Pesticides in Fruits and Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7609-7619.	2.4	45
121	Automatic Searching and Evaluation of Priority and Emerging Contaminants in Wastewater and River Water by Stir Bar Sorptive Extraction followed by Comprehensive Two-Dimensional Gas Chromatography-Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 2638-2647.	3.2	103
122	Environmental Risk Assessment of Emerging Pollutants in Water: Approaches Under Horizontal and Vertical EU Legislation. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 699-731.	6.6	38
123	Degradation of the antibiotic amoxicillin by photo-Fenton process - Chemical and toxicological assessment. <i>Water Research</i> , 2011, 45, 1394-1402.	5.3	289
124	Evaluation of selected ubiquitous contaminants in the aquatic environment and their transformation products. A pilot study of their removal from a sewage treatment plant. <i>Water Research</i> , 2011, 45, 2331-2341.	5.3	51
125	Evaluation of various QuEChERS based methods for the analysis of herbicides and other commonly used pesticides in polished rice by LC-MS/MS. <i>Talanta</i> , 2011, 83, 1613-1622.	2.9	117
126	Study of the effects of operational parameters on multiresidue pesticide analysis by LC-MS/MS. <i>Talanta</i> , 2011, 84, 262-273.	2.9	53

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127	Development of a solvent-free method for the simultaneous identification/quantification of drugs of abuse and their metabolites in environmental water by LC-MS/MS. <i>Talanta</i> , 2011, 85, 157-166.	2.9	92
128	Benefits and pitfalls of the application of screening methods for the analysis of pesticide residues in fruits and vegetables. <i>Journal of Chromatography A</i> , 2011, 1218, 7615-7626.	1.8	51
129	Overcoming matrix effects using the dilution approach in multiresidue methods for fruits and vegetables. <i>Journal of Chromatography A</i> , 2011, 1218, 7634-7639.	1.8	361
130	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
131	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
132	Trace analysis of pesticides in paddy field water by direct injection using liquid chromatography-quadrupole-linear ion trap-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4790-4798.	1.8	64
133	Evaluation of Relevant Time-of-Flight-MS Parameters Used in HPLC/MS Full-Scan Screening Methods for Pesticide Residues. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 1674-1684.	0.7	20
134	Development and validation of a LC-MS/MS method for the simultaneous determination of aflatoxins, dyes and pesticides in spices. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 93-107.	1.9	134
135	Laboratory assessment by combined z score values in proficiency tests: experience gained through the European Union proficiency tests for pesticide residues in fruits and vegetables. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3061-3070.	1.9	24
136	Method development and validation for determination of thiosulfate sodium, thiocyclam, and nereistoxin in pepper matrix. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2299-2306.	1.9	20
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