Amadeo R FernÃ¡ndez-Alba

List of Publications by Year
in descending order

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220 papers	15,588 citations	13865 67 h-index	19749 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. Science of the Total Environment, 2022, 806, 150909.	8.0	13
2	Presence and distribution of pesticides in apicultural products: A critical appraisal. TrAC - Trends in Analytical Chemistry, 2022, 146, 116506.	11.4	26
3	Ion chromatography coupled to Q-Orbitrap for the analysis of formic and oxalic acid in beehive matrices: a field study. Analytical and Bioanalytical Chemistry, 2022, 414, 2419-2430.	3.7	7
4	Development of Avocado Reference Material for Pesticide Residue Analysis. Journal of AOAC INTERNATIONAL, 2022, 105, 1051-1059.	1.5	1
5	First national survey of residues of active substances in honeybee apiaries across Spain between 2012 and 2016. Science of the Total Environment, 2022, 838, 155614.	8.0	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. Journal of Food Composition and Analysis, 2022, 112, 104662.	3.9	4
7	Fennelâ€seeds extract as an analyte protectant for the GCâ€MS/MS residue analysis of 182 pesticide in strawberries: Comparing the manual mixing and sandwich injection. Journal of Chromatography Open, 2022, 2, 100056.	2.2	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. Chemosphere, 2021, 262, 127735.	8.2	12
9	Overcoming difficulties in the evaluation of captan and folpet residues by supercritical fluid chromatography coupled to mass spectrometry. Talanta, 2021, 223, 121714.	5.5	15
10	Presence of anthraquinone in coffee and tea samples. An improved methodology based on mass spectrometry and a pilot monitoring programme. Analytical Methods, 2021, 13, 99-109.	2.7	10
11	Monitoring of pesticide residues in crops irrigated with reclaimed water by a multiresidue method based on modified QuEChERS. Analytical Methods, 2021, 13, 4131-4142.	2.7	4
12	Analysis by LC-MS/MS of polar pesticides in fruits and vegetables using new hybrid stationary phase. MethodsX, 2021, 8, 101306.	1.6	9
13	Honeybees as active samplers for microplastics. Science of the Total Environment, 2021, 767, 144481.	8.0	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. Talanta, 2021, 228, 122241.	5.5	20
15	Liquid chromatography versus supercritical fluid chromatography coupled to mass spectrometry: a comparative study of performance for multiresidue analysis of pesticides. Analytical and Bioanalytical Chemistry, 2021, 413, 5849-5857.	3.7	11
16	Removal of pesticide residues from beeswax using a methanol extraction-based procedure: A pilot-scale study. Environmental Technology and Innovation, 2021, 23, 101606.	6.1	9
17	Determination study of contaminants of emerging concern at trace levels in agricultural soil. A pilot study. Science of the Total Environment, 2021, 782, 146759.	8.0	17
18	Dissipation and cross-contamination of miticides in apiculture. Evaluation by APIStrip-based sampling. Chemosphere, 2021, 280, 130783.	8.2	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. Analytica Chimica Acta, 2021, 1180, 338875.	5.4	2
20	Environmental monitoring study of pesticide contamination in Denmark through honey bee colonies using APIStrip-based sampling. Environmental Pollution, 2021, 290, 117888.	7.5	7
21	Validation of a quick and easy extraction method for the determination of emerging contaminants and pesticide residues in agricultural soils. MethodsX, 2021, 8, 101290.	1.6	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. Journal of Agricultural and Food Chemistry, 2021, 69, 13200-13216.	5.2	11
23	The toxic unit approach as a risk indicator in honey bees surveillance programmes: A case of study in Apis mellifera iberiensis. Science of the Total Environment, 2020, 698, 134208.	8.0	14
24	Distribution of chemical residues in the beehive compartments and their transfer to the honeybee brood. Science of the Total Environment, 2020, 710, 136288.	8.0	53
25	Dual-channel chromatography a smart way to improve the analysis efficiency in liquid chromatography coupled to mass spectrometry. Journal of Chromatography A, 2020, 1633, 461614.	3.7	2
26	Supercritical fluid chromatography separation of chiral pesticides: Unique capabilities to study cyhalothrin and metalaxyl as examples. Journal of Chromatography A, 2020, 1620, 461007.	3.7	19
27	Evaluation of segmented non-target data acquisition (SWATH/vDIA) in a QToF and QOrbitrap for pesticide residue analysis. Analytical Methods, 2020, 12, 2027-2038.	2.7	10
28	Pesticide residues evaluation of organic crops. A critical appraisal. Food Chemistry: X, 2020, 5, 100079.	4.3	16
29	APIStrip, a new tool for environmental contaminant sampling through honeybee colonies. Science of the Total Environment, 2020, 729, 138948.	8.0	15
30	Identification and measurement of veterinary drug residues in beehive products. Food Chemistry, 2019, 274, 61-70.	8.2	72
31	Exploration of environmental contaminants in honeybees using GC-TOF-MS and GC-Orbitrap-MS. Science of the Total Environment, 2019, 647, 232-244.	8.0	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 purÃ©e and juice. Talanta, 2019, 191, 180-192.	5.5	53
33	LC-ESI-QOrbitrapâ„¢ MS/MS within pesticide residue analysis in fruits and vegetables. TrAC - Trends in Analytical Chemistry, 2019, 118, 587-596.	11.4	36
34	Supercritical fluid chromatography coupled to tandem mass spectrometry for the analysis of pesticide residues in dried spices. Benefits and drawbacks. Analytica Chimica Acta, 2019, 1059, 124-135.	5.4	23
35	Supercritical Fluid Chromatography and Gas Chromatography Coupled to Tandem Mass Spectrometry for the Analysis of Pyrethroids in Vegetable Matrices: A Comparative Study. Journal of Agricultural and Food Chemistry, 2019, 67, 12626-12632.	5.2	27
36	Identification of unexpected chemical contaminants in baby food coming from plastic packaging migration by high resolution accurate mass spectrometry. Food Chemistry, 2019, 295, 274-288.	8.2	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. Analytical Methods, 2019, 11, 2123-2128.	2.7	26
38	Selectivity enhancement using sequential mass isolation window acquisition with hybrid quadrupole time-of-flight mass spectrometry for pesticide residues. Journal of Chromatography A, 2019, 1591, 99-109.	3.7	7
39	Evaluation of supercritical fluid chromatography coupled to tandem mass spectrometry for pesticide residues in food. Journal of Chromatography A, 2018, 1545, 67-74.	3.7	34
40	Analysis and evaluation of (neuro)peptides in honey bees exposed to pesticides in field conditions. Environmental Pollution, 2018, 235, 750-760.	7.5	6
41	A non-targeted metabolomic approach to identify food markers to support discrimination between organic and conventional tomato crops. Journal of Chromatography A, 2018, 1546, 66-76.	3.7	58
42	Viability of honeybee colonies exposed to sunflowers grown from seeds treated with the neonicotinoids thiamethoxam and clothianidin. Chemosphere, 2018, 202, 609-617.	8.2	24
43	Further improvements in pesticide residue analysis in food by applying gas chromatography triple quadrupole mass spectrometry (GC-QqQ-MS/MS) technologies. Analytical and Bioanalytical Chemistry, 2018, 410, 5491-5506.	3.7	20
44	Ultrasound-assisted extraction based on QuEChERS of pesticide residues in honeybees and determination by LC-MS/MS and GC-MS/MS. Analytical and Bioanalytical Chemistry, 2018, 410, 5195-5210.	3.7	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. Journal of Chromatography A, 2018, 1573, 28-41.	3.7	38
46	Analysis of thermally labile pesticides by on-column injection gas chromatography in fruit and vegetables. Analytical and Bioanalytical Chemistry, 2018, 410, 6861-6871.	3.7	32
47	Pesticide Residue Analysis in Fruit- and Vegetable-Based Baby Foods Using GC-Orbitrap MS. Journal of AOAC INTERNATIONAL, 2018, 101, 374-382.	1.5	20
48	Application of Orbitrap Mass Spectrometry in Food Analysis. Journal of AOAC INTERNATIONAL, 2018, 101, 335-335.	1.5	3
49	Improvements in identification and quantitation of pesticide residues in food by LC-QTOF using sequential mass window acquisition (SWATHÂ®). Analytical Methods, 2018, 10, 2821-2833.	2.7	21
50	Coupling Ion Chromatography to Q-Orbitrap for the Fast and Robust Analysis of Anionic Pesticides in Fruits and Vegetables. Journal of AOAC INTERNATIONAL, 2018, 101, 352-359.	1.5	26
51	Antimicrobial organicâ€“inorganic composite membranes including sepiolite-supported nanometals. RSC Advances, 2017, 7, 2323-2332.	3.6	11
52	Evaluation of MS2 workflows in LC-Q-Orbitrap for pesticide multi-residue methods in fruits and vegetables. Analytical and Bioanalytical Chemistry, 2017, 409, 5389-5400.	3.7	26
53	Shifting the paradigm in gas chromatography mass spectrometry pesticide analysis using high resolution accurate mass spectrometry. Journal of Chromatography A, 2017, 1501, 107-116.	3.7	31
54	Identification of non-intentionally added substances in food packaging nano films by gas and liquid chromatography coupled to orbitrap mass spectrometry. Talanta, 2017, 172, 68-77.	5.5	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. Chemosphere, 2017, 184, 1310-1319.	8.2	43
56	Matrix Effects and Interferences of Different Citrus Fruit Coextractives in Pesticide Residue Analysis Using Ultrahigh-Performance Liquid Chromatographyâ€“High-Resolution Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2017, 65, 4819-4829.	5.2	69
57	Matrix interference evaluation employing GC and LC coupled to triple quadrupole tandem mass spectrometry. Talanta, 2017, 174, 72-81.	5.5	82
58	Simultaneous combination of MS2 workflows for pesticide multiresidue analysis with LC-QOrbitrap. Analytical Methods, 2017, 9, 2256-2264.	2.7	9
59	Dendrimer-functionalized electrospun nanofibres as dual-action water treatment membranes. Science of the Total Environment, 2017, 601-602, 732-740.	8.0	26
60	European Union proficiency tests for pesticide residues in fruit and vegetables from 2009 to 2016: Overview of the results and main achievements. Food Control, 2017, 82, 101-113.	5.5	20
61	Evaluation of nanoflow liquid chromatography high resolution mass spectrometry for pesticide residue analysis in food. Journal of Chromatography A, 2017, 1512, 78-87.	3.7	52
62	Multiresidue method for trace pesticide analysis in honeybee wax comb by GC-QqQ-MS. Talanta, 2017, 163, 54-64.	5.5	49
63	The evaluation of matrix effects in pesticide multi-residue methods via matrix fingerprinting using liquid chromatography electrospray high-resolution mass spectrometry. Analytical Methods, 2016, 8, 4664-4673.	2.7	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. Analytical Methods, 2016, 8, 7209-7216.	2.7	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 chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2016, 1463, 20-31.	3.7	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. Journal of Chromatography A, 2016, 1462, 8-18.	3.7	50
67	Screening of pesticide residues in honeybee wax comb by LC-ESI-MS/MS. A pilot study. Chemosphere, 2016, 163, 44-53.	8.2	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. Food Control, 2016, 63, 255-258.	5.5	7
69	Screening of environmental contaminants in honey bee wax comb using gas chromatographyâ€“high-resolution time-of-flight mass spectrometry. Environmental Science and Pollution Research, 2016, 23, 4609-4620.	5.3	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. Food Chemistry, 2016, 192, 668-681.	8.2	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. Journal of Chromatography A, 2015, 1426, 161-173.	3.7	72
72	â€œAnalysis of pesticide residues in fruits and vegetables using gas chromatography-high resolution time-of-flight mass spectrometryâ€• Analytical Methods, 2015, 7, 2162-2171.	2.7	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. Analytical and Bioanalytical Chemistry, 2015, 407, 6327-6343.	3.7	21
74	Application of zirconium dioxide nanoparticle sorbent for the clean-up step in post-harvest pesticide residue analysis. Talanta, 2015, 144, 51-61.	5.5	38
75	Proficiency test on the determination of pesticide residues in grapes with multi-residue methods. Journal of Chromatography A, 2015, 1395, 143-151.	3.7	21
76	Liquid chromatography Orbitrap mass spectrometry with simultaneous full scan and tandem MS/MS for highly selective pesticide residue analysis. Analytical and Bioanalytical Chemistry, 2015, 407, 6317-6326.	3.7	53
77	Continuous ozonation treatment of ofloxacin: Transformation products, water matrix effect and aquatic toxicity. Journal of Hazardous Materials, 2015, 292, 34-43.	12.4	104
78	Benzimidazole and imidazole fungicide analysis in grape and wine samples using a competitive enzyme-linked immunosorbent assay. Analytical Methods, 2015, 7, 9158-9165.	2.7	22
79	Development of an indirect enzyme immunoassay for the determination of thiabendazole in white and red wines. International Journal of Environmental Analytical Chemistry, 2015, 95, 1299-1309.	3.3	15
80	Microflow Liquid Chromatography Coupled to Mass Spectrometryâ€"An Approach to Significantly Increase Sensitivity, Decrease Matrix Effects, and Reduce Organic Solvent Usage in Pesticide Residue Analysis. Analytical Chemistry, 2015, 87, 1018-1025.	6.5	49
81	Validation and application of micro flow liquid chromatographyâ€"tandem mass spectrometry for the determination of pesticide residues in fruit jams. Talanta, 2015, 134, 415-424.	5.5	26
82	Simultaneous screening of targeted and nonâ€targeted contaminants using an LCâ€QTOFâ€MS system and automated MS/MS library searching. Journal of Mass Spectrometry, 2014, 49, 878-893.	1.6	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. Talanta, 2014, 118, 68-83.	5.5	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-EI-TOF-MS. Environmental Science and Pollution Research, 2014, 21, 12583-12604.	5.3	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. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2014, 49, 557-568.	1.5	25
86	Large pesticide multiresidue screening method by liquid chromatography-Orbitrap mass spectrometry in full scan mode applied to fruit and vegetables. Journal of Chromatography A, 2014, 1360, 119-127.	3.7	93
87	Fate and transformation products of amine-terminated PAMAM dendrimers under ozonation and irradiation. Journal of Hazardous Materials, 2014, 266, 102-113.	12.4	13
88	Determination of hormonally active chlorinated chemicals in waters at sub Âµg/L level using stir bar sorptive extraction-liquid desorption followed by negative chemical ionization-gas chromatography triple quadrupole mass spectrometry. International Journal of Environmental Analytical Chemistry, 2014, 94, 48-64.	3.3	4
89	Qualitative and quantitative analysis of poly(amidoamine) dendrimers in an aqueous matrix by liquid chromatographyâ€"electrospray ionization-hybrid quadrupole/time-of-flight mass spectrometry (LC-ESI-QTOF-MS). Analytical and Bioanalytical Chemistry, 2013, 405, 5901-5914.	3.7	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. Journal of Chromatography A, 2013, 1304, 109-120.	3.7	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. Water Research, 2013, 47, 5546-5556.	11.3	48
92	Comparison of three multiresidue methods to analyse pesticides in green tea with liquid and gas chromatography/tandem mass spectrometry. Analyst, The, 2013, 138, 921-931.	3.5	54
93	Identification and quantification of poly(amidoamine) PAMAM dendrimers of generations 0 to 3 by liquid chromatography/hybrid quadrupole timeâ€ofâ€flight mass spectrometry in aqueous medium. Rapid Communications in Mass Spectrometry, 2013, 27, 747-762.	1.5	13
94	Liquid chromatography-high-resolution mass spectrometry for pesticide residue analysis in fruit and vegetables: Screening and quantitative studies. Journal of Chromatography A, 2013, 1287, 24-37.	3.7	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. Analytical Methods, 2013, 5, 1165.	2.7	17
96	New trends in the analytical determination of emerging contaminants and their transformation products in environmental waters. Environmental Science and Pollution Research, 2013, 20, 3496-3515.	5.3	125
97	Quantitative determination of poly(amidoamine) dendrimers in urine by liquid chromatography/electrospray ionization hybrid quadrupole linear ion trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 2519-2529.	1.5	6
98	Investigation of Galaxolide degradation products generated under oxidative and irradiation processes by liquid chromatography/hybrid quadrupole timeâ€ofâ€flight mass spectrometry and comprehensive twoâ€dimensional gas chromatography/timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 1237-1250.	1.5	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. Journal of AOAC INTERNATIONAL, 2012, 95, 1520-1527.	1.5	6
100	Simultaneous measurement in mass and mass/mass mode for accurate qualitative and quantitative screening analysis of pharmaceuticals in river water. Journal of Chromatography A, 2012, 1256, 80-88.	3.7	58
101	Two new competitive ELISA methods for the determination of caffeine and cotinine in wastewater and river waters. Analytical Methods, 2012, 4, 3364.	2.7	15
102	Oxidative and photochemical processes for the removal of galaxolide and tonalide from wastewater. Water Research, 2012, 46, 4435-4447.	11.3	61
103	In vitro doseâ€“response effects of poly(amidoamine) dendrimers [amino-terminated and surface-modified with N-(2-hydroxydodecyl) groups] and quantitative determination by a liquid chromatographyâ€“hybrid quadrupole/time-of-flight mass spectrometry based method. Analytical and Bioanalytical Chemistry, 2012, 404, 2749-2763.	3.7	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. Journal of Chromatography A, 2012, 1268, 109-122.	3.7	133
105	Determination of chlorothalonil in difficult-to-analyse vegetable matrices using various multiresidue methods. Analyst, The, 2012, 137, 2513.	3.5	19
106	Chemical Evaluation of Water Treatment Processes by LCâ€“(Q)TOF-MS. Comprehensive Analytical Chemistry, 2012, , 61-109.	1.3	5
107	The Potential of Ambient Desorption Ionization Methods Combined with High-Resolution Mass Spectrometry for Pesticide Testing in Food. Comprehensive Analytical Chemistry, 2012, , 339-366.	1.3	6
108	Occurrence and Distribution Study of Residues from Pesticides Applied under Controlled Conditions in the Field during Rice Processing. Journal of Agricultural and Food Chemistry, 2012, 60, 4440-4448.	5.2	50

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109	Chemical and Ecotoxicological Assessment of Dendrimers in the Aquatic Environment. Comprehensive Analytical Chemistry, 2012, , 197-233.	1.3	9
110	Application of HPLCâ€“TOF-MS and HPLCâ€“QTOF-MS/MS for Pesticide Residues Analysis in Fruit and Vegetable Matrices. Comprehensive Analytical Chemistry, 2012, 58, 1-60.	1.3	11
111	A sensitive and selective method for the determination of selected pesticides in fruit by gas chromatography/mass spectrometry with negative chemical ionization. Journal of Chromatography A, 2012, 1264, 110-116.	3.7	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 chromatographyâ€“triple quadrupole mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 404, 1993-2006.	3.7	19
113	Photolytic and photocatalytic degradation of quinclorac in ultrapure and paddy field water: Identification of transformation products and pathways. Chemosphere, 2012, 87, 838-844.	8.2	36
114	Occurrence and persistence of organic emerging contaminants and priority pollutants in five sewage treatment plants of Spain: Two years pilot survey monitoring. Environmental Pollution, 2012, 164, 267-273.	7.5	374
115	Spatio-temporal evaluation of organic contaminants and their transformation products along a river basin affected by urban, agricultural and industrial pollution. Science of the Total Environment, 2012, 420, 134-145.	8.0	91
116	Determination of volatile organic compounds in drinking and environmental waters. TrAC - Trends in Analytical Chemistry, 2012, 32, 60-75.	11.4	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). Environmental Science and Pollution Research, 2012, 19, 467-481.	5.3	15
118	Determination of nicotine in mushrooms by various GC/MS- and LC/MS-based methods. Analytical and Bioanalytical Chemistry, 2012, 402, 935-943.	3.7	25
119	Determination of selected pesticides by GC with simultaneous detection by MS (NCI) and Î¼-ECD in fruit and vegetable matrices. Analytical and Bioanalytical Chemistry, 2012, 402, 1365-1372.	3.7	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. Journal of Agricultural and Food Chemistry, 2011, 59, 7609-7619.	5.2	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. Analytical Chemistry, 2011, 83, 2638-2647.	6.5	103
122	Environmental Risk Assessment of Emerging Pollutants in Water: Approaches Under Horizontal and Vertical EU Legislation. Critical Reviews in Environmental Science and Technology, 2011, 41, 699-731.	12.8	38
123	Degradation of the antibiotic amoxicillin by photo-Fenton process â€“ Chemical and toxicological assessment. Water Research, 2011, 45, 1394-1402.	11.3	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. Water Research, 2011, 45, 2331-2341.	11.3	51
125	Evaluation of various QuEChERS based methods for the analysis of herbicides and other commonly used pesticides in polished rice by LCâ€“MS/MS. Talanta, 2011, 83, 1613-1622.	5.5	117
126	Study of the effects of operational parameters on multiresidue pesticide analysis by LCâ€“MS/MS. Talanta, 2011, 84, 262-273.	5.5	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 LCâ€“MS/MS. Talanta, 2011, 85, 157-166.	5.5	92
128	Benefits and pitfalls of the application of screening methods for the analysis of pesticide residues in fruits and vegetables. Journal of Chromatography A, 2011, 1218, 7615-7626.	3.7	51
129	Overcoming matrix effects using the dilution approach in multiresidue methods for fruits and vegetables. Journal of Chromatography A, 2011, 1218, 7634-7639.	3.7	361
130	Use of an accurate-mass database for the systematic identification of transformation products of organic contaminants in wastewater effluents. Journal of Chromatography A, 2011, 1218, 8002-8012.	3.7	72
131	Behavior of amoxicillin in wastewater and river water: identification of its main transformation products by liquid chromatography/electrospray quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 731-742.	1.5	75
132	Trace analysis of pesticides in paddy field water by direct injection using liquid chromatographyâ€“quadrupole-linear ion trap-mass spectrometry. Journal of Chromatography A, 2011, 1218, 4790-4798.	3.7	64
133	Evaluation of Relevant Time-of-Flight-MS Parameters Used in HPLC/MS Full-Scan Screening Methods for Pesticide Residues. Journal of AOAC INTERNATIONAL, 2011, 94, 1674-1684.	1.5	20
134	Development and validation of a LCâ€“MS/MS method for the simultaneous determination of aflatoxins, dyes and pesticides in spices. Analytical and Bioanalytical Chemistry, 2010, 397, 93-107.	3.7	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. Analytical and Bioanalytical Chemistry, 2010, 397, 3061-3070.	3.7	24
136	Method development and validation for determination of thiosultap sodium, thiocyclam, and nereistoxin in pepper matrix. Analytical and Bioanalytical Chemistry, 2010, 398, 2299-2306.	3.7	20
137	Large-scale pesticide testing in olives by liquid chromatographyâ€“electrospray tandem mass spectrometry using two sample preparation methods based on matrix solid-phase dispersion and QuEChERS. Journal of Chromatography A, 2010, 1217, 6022-6035.	3.7	106
138	Including CO2-emission equivalence of changes in land surface albedo in life cycle assessment. Methodology and case study on greenhouse agriculture. International Journal of Life Cycle Assessment, 2010, 15, 672-681.	4.7	76
139	Environmental and human health risk assessment of organic micro-pollutants occurring in a Spanish marine fish farm. Environmental Pollution, 2010, 158, 1809-1816.	7.5	75
140	Evaluation of two sample treatment methodologies for large-scale pesticide residue analysis in olive oil by fast liquid chromatographyâ€“electrospray mass spectrometry. Journal of Chromatography A, 2010, 1217, 3736-3747.	3.7	59
141	Determination of malachite green residues in fish using molecularly imprinted solid-phase extraction followed by liquid chromatographyâ€“linear ion trap mass spectrometry. Analytica Chimica Acta, 2010, 665, 47-54.	5.4	109
142	Rapid automated screening, identification and quantification of organic micro-contaminants and their main transformation products in wastewater and river waters using liquid chromatographyâ€“quadrupole-time-of-flight mass spectrometry with an accurate-mass database. Journal of Chromatography A, 2010, 1217, 7038-7054.	3.7	143
143	Life Cycle Assessment of Water Supply Plans in Mediterranean Spain. Journal of Industrial Ecology, 2010, 14, 902-918.	5.5	85
144	Efficiency Evaluation of the Main Multiresidue Methods Used in Europe for the Analysis of Amitraz and Its Major Metabolites. Journal of AOAC INTERNATIONAL, 2010, 93, 380-388.	1.5	10

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145	Pilot survey of chemical contaminants from industrial and human activities in river waters of Spain. International Journal of Environmental Analytical Chemistry, 2010, 90, 321-343.	3.3	60
146	Multi-residue determination of pesticides in fruit-based soft drinks by fast liquid chromatography time-of-flight mass spectrometry. Talanta, 2010, 81, 1310-1321.	5.5	48
147	Occurrence of emerging pollutants in urban wastewater and their removal through biological treatment followed by ozonation. Water Research, 2010, 44, 578-588.	11.3	799
148	Life Cycle Assessment of biomass production in a Mediterranean greenhouse using different water sources: Groundwater, treated wastewater and desalinated seawater. Agricultural Systems, 2010, 103, 1-9.	6.1	24
149	Application of Photo-Fenton as a Tertiary Treatment of Emerging Contaminants in Municipal Wastewater.. Environmental Science & Technology, 2010, 44, 1792-1798.	10.0	166
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