

Maria Ibañez

List of Publications by Year in descending order

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132
papers

7,659
citations

31976

53
h-index

54911

84
g-index

134
all docs

134
docs citations

134
times ranked

7102
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal efficiency for emerging contaminants in a WWTP from Madrid (Spain) after secondary and tertiary treatment and environmental impact on the Manzanares River. <i>Science of the Total Environment</i> , 2022, 812, 152567.	8.0	42
2	In-depth comparison of the metabolic and pharmacokinetic behaviour of the structurally related synthetic cannabinoids AMB-FUBINACA and AMB-CHMICA in rats. <i>Communications Biology</i> , 2022, 5, 161.	4.4	4
3	Identification of Unknown Substances in Ambient Air (PM10), Profiles and Differences between Rural, Urban and Industrial Areas. <i>Toxics</i> , 2022, 10, 220.	3.7	1
4	Benefits of Ion Mobility Separation in GC-APCI-HRMS Screening: From the Construction of a CCS Library to the Application to Real-World Samples. <i>Analytical Chemistry</i> , 2022, 94, 9040-9047.	6.5	9
5	Analytical research of pesticide biomarkers in wastewater with application to study spatial differences in human exposure. <i>Chemosphere</i> , 2022, 307, 135684.	8.2	6
6	Understanding the pharmacokinetics of synthetic cathinones: Evaluation of the blood-brain barrier permeability of 13 related compounds in rats. <i>Addiction Biology</i> , 2021, 26, e12979.	2.6	6
7	The key role of mass spectrometry in comprehensive research on new psychoactive substances. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4673.	1.6	6
8	Occurrence of pharmaceutical metabolites and transformation products in the aquatic environment of the Mediterranean area. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 29, e00118.	10.3	21
9	Pesticide Inhalation Exposure of Applicators and Bystanders Using Conventional and Innovative Cropping Systems in the Valencian Region, Spain. <i>Atmosphere</i> , 2021, 12, 631.	2.3	4
10	Treatment of two sartan antihypertensives in water by photo-electro-Fenton using BDD anodes: Degradation kinetics, theoretical analyses, primary transformations and matrix effects. <i>Chemosphere</i> , 2021, 270, 129491.	8.2	14
11	Ecological risk assessment of pesticides in the Mijares River (eastern Spain) impacted by citrus production using wide-scope screening and target quantitative analysis. <i>Journal of Hazardous Materials</i> , 2021, 412, 125277.	12.4	13
12	The key role of mass spectrometry in comprehensive research on new psychoactive substances. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4560.	1.6	2
13	Wide-scope screening of pharmaceuticals, illicit drugs and their metabolites in the Amazon River. <i>Water Research</i> , 2021, 200, 117251.	11.3	27
14	Investigation of pharmaceuticals in a conventional wastewater treatment plant: Removal efficiency, seasonal variation and impact of a nearby hospital. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105548.	6.7	55
15	Use of CdS from Teaching-Laboratory Wastes as a Photocatalyst for the Degradation of Fluoroquinolone Antibiotics in Water. <i>Water (Switzerland)</i> , 2021, 13, 2154.	2.7	0
16	Development and Application of Liquid Chromatographic Retention Time Indices in HRMS-Based Suspect and Nontarget Screening. <i>Analytical Chemistry</i> , 2021, 93, 11601-11611.	6.5	79
17	Rapid and sensitive analytical method for the determination of amoxicillin and related compounds in water meeting the requirements of the European union watch list. <i>Journal of Chromatography A</i> , 2021, 1658, 462605.	3.7	13
18	Investigation of pharmaceuticals and their metabolites in Brazilian hospital wastewater by LC-QTOF MS screening combined with a preliminary exposure and in silico risk assessment. <i>Science of the Total Environment</i> , 2020, 699, 134218.	8.0	40

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19	Direct and Fast Screening of New Psychoactive Substances Using Medical Swabs and Atmospheric Solids Analysis Probe Triple Quadrupole with Data-Dependent Acquisition. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1610-1614.	2.8	11
20	Improving Target and Suspect Screening High-Resolution Mass Spectrometry Workflows in Environmental Analysis by Ion Mobility Separation. <i>Environmental Science & Technology</i> , 2020, 54, 15120-15131.	10.0	69
21	Occurrence and ecological risks of pharmaceuticals in a Mediterranean river in Eastern Spain. <i>Environment International</i> , 2020, 144, 106004.	10.0	74
22	Identification of Aquifer Recharge Sources as the Origin of Emerging Contaminants in Intensive Agricultural Areas. La Plana de Castellón, Spain. <i>Water (Switzerland)</i> , 2020, 12, 731.	2.7	13
23	Metabolic profiling of four synthetic stimulants, including the novel indanyl-cathinone 5-PPDi, after human hepatocyte incubation. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 147-156.	5.3	8
24	Investigation on the consumption of synthetic cannabinoids among teenagers by the analysis of herbal blends and urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113298.	2.8	7
25	Variación en el patrón de consumo de cannabinoides sintéticos de una paciente a lo largo de 2018. <i>Revista De Psicología De La Salud</i> , 2020, 32, 228.	0.5	1
26	Rapid tentative identification of synthetic cathinones in seized products taking advantage of the full capabilities of triple quadrupole analyzer. <i>Forensic Toxicology</i> , 2019, 37, 34-44.	2.4	13
27	Investigation of pesticides and their transformation products in the Júcar River Hydrographical Basin (Spain) by wide-scope high-resolution mass spectrometry screening. <i>Environmental Research</i> , 2019, 177, 108570.	7.5	36
28	Comparative degradation of two highly consumed antihypertensives in water by sonochemical process. Determination of the reaction zone, primary degradation products and theoretical calculations on the oxidative process. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104635.	8.2	37
29	LC-MS/MS method for the determination of organophosphorus pesticides and their metabolites in salmon and zebrafish fed with plant-based feed ingredients. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7281-7291.	3.7	15
30	Characterization of a recently detected halogenated aminorex derivative: para-fluoro-4-methylaminorex (4-F-MAR). <i>Scientific Reports</i> , 2019, 9, 8314.	3.3	9
31	Comprehensive investigation on synthetic cannabinoids: Metabolic behavior and potency testing, using 5F-APPICA and AMB-FUBINACA as model compounds. <i>Drug Testing and Analysis</i> , 2019, 11, 1358-1368. ^{2,6}		24
32	Comprehensive investigation of pesticides in Brazilian surface water by high resolution mass spectrometry screening and gas chromatography-mass spectrometry quantitative analysis. <i>Science of the Total Environment</i> , 2019, 669, 248-257.	8.0	30
33	Degradation of seventeen contaminants of emerging concern in municipal wastewater effluents by sonochemical advanced oxidation processes. <i>Water Research</i> , 2019, 154, 349-360.	11.3	131
34	Sonochemical degradation of antibiotics from representative classes-Considerations on structural effects, initial transformation products, antimicrobial activity and matrix. <i>Ultrasonics Sonochemistry</i> , 2019, 50, 157-165.	8.2	61
35	Occurrence of antibiotics and bacterial resistance in wastewater and sea water from the Antarctic. <i>Journal of Hazardous Materials</i> , 2019, 363, 447-456.	12.4	155
36	Exploring the Potential of a Global Emerging Contaminant Early Warning Network through the Use of Retrospective Suspect Screening with High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2018, 52, 5135-5144.	10.0	101

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37	The classification of almonds (<i>Prunus dulcis</i>) by country and variety using UHPLC-HRMS-based untargeted metabolomics. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 395-403.	2.3	20
38	Dietary pesticide chlorpyrifos-methyl affects arachidonic acid metabolism including phospholipid remodeling in Atlantic salmon (<i>Salmo salar</i> L.). <i>Aquaculture</i> , 2018, 484, 1-12.	3.5	29
39	Photo-electro-Fenton process applied to the degradation of valsartan: Effect of parameters, identification of degradation routes and mineralization in combination with a biological system. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 7302-7311.	6.7	41
40	Pharmaceutical removal from different water matrixes by Fenton process at near-neutral pH: Doehlert design and transformation products identification by UHPLC-QTOF MS using a purpose-built database. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3951-3961.	6.7	41
41	Reporting the novel synthetic cathinone 5-PPDI through its analytical characterization by mass spectrometry and nuclear magnetic resonance. <i>Forensic Toxicology</i> , 2018, 36, 447-457.	2.4	14
42	Development and validation of ultra high performance-liquid chromatography-tandem mass spectrometry based methods for the determination of neonicotinoid insecticides in honey. <i>Food Chemistry</i> , 2018, 266, 215-222.	8.2	33
43	UHPLC-QTOF MS screening of pharmaceuticals and their metabolites in treated wastewater samples from Athens. <i>Journal of Hazardous Materials</i> , 2017, 323, 26-35.	12.4	111
44	Microbial biotransformation of five pyrrolidinophenone-type psychoactive substances in wastewater and a wastewater isolated <i>Pseudomonas putida</i> strain. <i>Drug Testing and Analysis</i> , 2017, 9, 1522-1536.	2.6	8
45	Identification and characterization of a putative new psychoactive substance, 2-(4-chlorophenyl)acetamido-3-methylbutanamide, in Spain. <i>Drug Testing and Analysis</i> , 2017, 9, 1073-1080.	2.6	14
46	Occurrence and fate of illicit drugs and pharmaceuticals in wastewater from two wastewater treatment plants in Costa Rica. <i>Science of the Total Environment</i> , 2017, 599-600, 98-107.	8.0	63
47	Mass spectrometric identification and structural analysis of the third-generation synthetic cannabinoids on the UK market since the 2013 legislative ban. <i>Forensic Toxicology</i> , 2017, 35, 376-388.	2.4	15
48	Evaluation of uncertainty sources in the determination of testosterone in urine by calibration-based and isotope dilution quantification using ultra high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1508, 73-80.	3.7	10
49	Proposal of 5-methoxy- N -methyl- N -isopropyltryptamine consumption biomarkers through identification of in vivo metabolites from mice. <i>Journal of Chromatography A</i> , 2017, 1508, 95-105.	3.7	18
50	Comprehensive strategy for pesticide residue analysis through the production cycle of gilthead sea bream and Atlantic salmon. <i>Chemosphere</i> , 2017, 179, 242-253.	8.2	35
51	Multiresidue methods for pesticides and related contaminants in food. , 2017, , 381-400.		3
52	Updating the list of known opioids through identification and characterization of the new opioid derivative 3,4-dichloro-N-(2-(diethylamino)cyclohexyl)-N-methylbenzamide (U-49900). <i>Scientific Reports</i> , 2017, 7, 6338.	3.3	30
53	Determination of selected endogenous anabolic androgenic steroids and ratios in urine by ultra high performance liquid chromatography tandem mass spectrometry and isotope pattern deconvolution. <i>Journal of Chromatography A</i> , 2017, 1515, 172-178.	3.7	12
54	Analytical methodologies based on LC-MS/MS for monitoring selected emerging compounds in liquid and solid phases of the sewage sludge. <i>MethodsX</i> , 2016, 3, 333-342.	1.6	18

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55	Investigation of pharmaceuticals in processed animal by-products by liquid chromatography coupled to high-resolution mass spectrometry. <i>Chemosphere</i> , 2016, 154, 231-239.	8.2	18
56	Behaviour of emerging contaminants in sewage sludge after anaerobic digestion. <i>Chemosphere</i> , 2016, 163, 296-304.	8.2	59
57	Metabolomic approach for Extra virgin olive oil origin discrimination making use of ultra-high performance liquid chromatography “Quadrupole time-of-flight mass spectrometry. <i>Food Control</i> , 2016, 70, 350-359.	5.5	47
58	Comprehensive monitoring of organic micro-pollutants in surface and groundwater in the surrounding of a solid-waste treatment plant of Castellón, Spain. <i>Science of the Total Environment</i> , 2016, 548-549, 211-220.	8.0	67
59	Method development and validation for the determination of selected endocrine disrupting compounds by liquid chromatography mass spectrometry and isotope pattern deconvolution in water samples. Comparison of two extraction techniques. <i>Analytical Methods</i> , 2016, 8, 2895-2903.	2.7	14
60	Identification and characterization of a novel cathinone derivative 1-(2,3-dihydro-1H-inden-5-yl)-2-phenyl-2-(pyrrolidin-1-yl)-ethanone seized by customs in Jersey. <i>Forensic Toxicology</i> , 2016, 34, 144-150.	2.4	10
61	Identification of mycotoxins by UHPLC-QTOF MS in airborne fungi and fungi isolated from industrial paper and antique documents from the Archive of Bogotá. <i>Environmental Research</i> , 2016, 144, 130-138.	7.5	16
62	Biotransformation of pharmaceuticals in surface water and during waste water treatment: Identification and occurrence of transformation products. <i>Journal of Hazardous Materials</i> , 2016, 302, 175-187.	12.4	101
63	High resolution mass spectrometry to investigate omeprazole and venlafaxine metabolites in wastewater. <i>Journal of Hazardous Materials</i> , 2016, 302, 332-340.	12.4	34
64	Analytical strategy to investigate 3,4-methylenedioxypyrovalerone (MDPV) metabolites in consumers’ urine by high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 151-164.	3.7	38
65	Identification of substances migrating from plastic baby bottles using a combination of low-resolution and high-resolution mass spectrometric analysers coupled to gas and liquid chromatography. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1234-1244.	1.6	35
66	Mass spectrometric characterisation of a condensation product between porphobilinogen and indolylacryloylglycine in urine of patients with acute intermittent porphyria. <i>Journal of Mass Spectrometry</i> , 2015, 50, 929-937.	1.6	1
67	Mass Spectrometric Evaluation of Mephedrone In Vivo Human Metabolism: Identification of Phase I and Phase II Metabolites, Including a Novel Succinyl Conjugate. <i>Drug Metabolism and Disposition</i> , 2015, 43, 248-257.	3.3	73
68	LC-QTOF MS screening of more than 1,000 licit and illicit drugs and their metabolites in wastewater and surface waters from the area of Bogotá, Colombia. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6405-6416.	3.7	104
69	Untargeted Metabolomics in Doping Control: Detection of New Markers of Testosterone Misuse by Ultrahigh Performance Liquid Chromatography Coupled to High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 8373-8380.	6.5	39
70	Multiresidue Analysis of Pesticides: LC-MS/MS versus LC-HRMS. , 2015, , 381-419.		1
71	Non-target screening with high-resolution mass spectrometry: critical review using a collaborative trial on water analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6237-6255.	3.7	489
72	A data-independent acquisition workflow for qualitative screening of new psychoactive substances in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8773-8785.	3.7	57

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73	Advancing towards universal screening for organic pollutants in waters. <i>Journal of Hazardous Materials</i> , 2015, 282, 86-95.	12.4	125
74	Fast determination of 40 drugs in water using large volume direct injection liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2015, 131, 719-727.	5.5	77
75	Determination of patulin in apple and derived products by UHPLC-MS/MS. Study of matrix effects with atmospheric pressure ionisation sources. <i>Food Chemistry</i> , 2014, 142, 400-407.	8.2	49
76	Investigation of cannabis biomarkers and transformation products in waters by liquid chromatography coupled to time of flight and triple quadrupole mass spectrometry. <i>Chemosphere</i> , 2014, 99, 64-71.	8.2	30
77	Investigation of pharmaceutical metabolites in environmental waters by LC-MS/MS. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5496-5510.	5.3	28
78	Qualitative screening of 116 veterinary drugs in feed by liquid chromatography-high resolution mass spectrometry: Potential application to quantitative analysis. <i>Food Chemistry</i> , 2014, 160, 313-320.	8.2	68
79	Identification of new omeprazole metabolites in wastewaters and surface waters. <i>Science of the Total Environment</i> , 2014, 468-469, 706-714.	8.0	29
80	Investigation of pharmaceuticals and illicit drugs in waters by liquid chromatography-high-resolution mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 63, 140-157.	11.4	106
81	Application of liquid chromatography/mass spectrometry in assessment of potential use of azadirachtins (<i>TreeAzin</i> , [©]) against Asian longhorned beetle. <i>Analytical Methods</i> , 2014, 6, 8063-8071.	2.7	4
82	Could Spice Drugs Induce Psychosis With Abnormal Movements Similar to Catatonia?. <i>Psychiatry (New Tj ETQq0 0,0,rgBT /Overlock 10</i>	0.7	12
83	Determination of 17 β -estradiol and 17 α -ethinylestradiol in water at sub-ppt levels by liquid chromatography coupled to tandem mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 5028.	2.7	25
84	N-Acetylcysteine boosts xenobiotic detoxification in shellfish. <i>Aquatic Toxicology</i> , 2014, 154, 131-140.	4.0	16
85	Comprehensive analytical strategies based on high-resolution time-of-flight mass spectrometry to identify new psychoactive substances. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 57, 107-117.	11.4	67
86	Direct liquid chromatography-tandem mass spectrometry determination of underivatized glyphosate in rice, maize and soybean. <i>Journal of Chromatography A</i> , 2013, 1313, 157-165.	3.7	90
87	Quadrupole-time-of-flight mass spectrometry screening for synthetic cannabinoids in herbal blends. <i>Journal of Mass Spectrometry</i> , 2013, 48, 685-694.	1.6	29
88	Investigation of degradation products of cocaine and benzoylecgonine in the aquatic environment. <i>Science of the Total Environment</i> , 2013, 443, 200-208.	8.0	45
89	Combined use of liquid chromatography triple quadrupole mass spectrometry and liquid chromatography quadrupole time-of-flight mass spectrometry in systematic screening of pesticides and other contaminants in water samples. <i>Analytica Chimica Acta</i> , 2013, 761, 117-127.	5.4	138
90	Removal of emerging contaminants in sewage water subjected to advanced oxidation with ozone. <i>Journal of Hazardous Materials</i> , 2013, 260, 389-398.	12.4	113

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91	Qualitative validation of a liquid chromatography–quadrupole-time of flight mass spectrometry screening method for organic pollutants in waters. <i>Journal of Chromatography A</i> , 2013, 1276, 47-57.	3.7	69
92	Multiresidue Methods for Pesticides and Related Contaminants in Food. , 2013, , 319-336.		2
93	Development of sensitive and rapid analytical methodology for food analysis of 18 mycotoxins included in a total diet study. <i>Analytica Chimica Acta</i> , 2013, 783, 39-48.	5.4	74
94	Improvements in the analytical methodology for the residue determination of the herbicide glyphosate in soils by liquid chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1292, 132-141.	3.7	68
95	Qualitative Screening of Undesirable Compounds from Feeds to Fish by Liquid Chromatography Coupled to Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2077-2087.	5.2	58
96	Investigating the presence of omeprazole in waters by liquid chromatography coupled to low and high resolution mass spectrometry: degradation experiments. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1091-1100.	1.6	33
97	The Power of Hyphenated Chromatography/Time-of-Flight Mass Spectrometry in Public Health Laboratories. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5311-5323.	5.2	22
98	Importance of MS selectivity and chromatographic separation in LC–MS/MS-based methods when investigating pharmaceutical metabolites in water. Dipyrene as a case of study. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1040-1046.	1.6	18
99	Use of time-of-flight mass spectrometry for large screening of organic pollutants in surface waters and soils from a rice production area in Colombia. <i>Science of the Total Environment</i> , 2012, 439, 249-259.	8.0	61
100	Target and non-target screening strategies for organic contaminants, residues and illicit substances in food, environmental and human biological samples by UHPLC-QTOF-MS. <i>Analytical Methods</i> , 2012, 4, 196-209.	2.7	130
101	Determination of six microcystins and nodularin in surface and drinking waters by on-line solid phase extraction–ultra high pressure liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1266, 61-68.	3.7	70
102	Current use of high-resolution mass spectrometry in the environmental sciences. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1251-1264.	3.7	221
103	Multi-residue determination of pesticides in tropical fruits using liquid chromatography/tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2287-2300.	3.7	39
104	Rapid wide-scope screening of drugs of abuse, prescription drugs with potential for abuse and their metabolites in influent and effluent urban wastewater by ultrahigh pressure liquid chromatography–quadrupole-time-of-flight-mass spectrometry. <i>Analytica Chimica Acta</i> , 2011, 684, 96-106.	5.4	100
105	Building an empirical mass spectra library for screening of organic pollutants by ultra–high–pressure liquid chromatography/hybrid quadrupole time–of–flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 355-369.	1.5	52
106	Use of quadrupole time–of–flight mass spectrometry to determine proposed structures of transformation products of the herbicide bromacil after water chlorination. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3103-3113.	1.5	18
107	Retrospective LC–QTOF–MS analysis searching for pharmaceutical metabolites in urban wastewater. <i>Journal of Separation Science</i> , 2011, 34, 3517-3526.	2.5	81
108	UHPLC–MS/MS highly sensitive determination of aflatoxins, the aflatoxin metabolite M1 and ochratoxin A in baby food and milk. <i>Food Chemistry</i> , 2011, 126, 737-744.	8.2	140

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109	Analytical strategy based on the use of liquid chromatography and gas chromatography with triple-quadrupole and time-of-flight MS analyzers for investigating organic contaminants in wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2763-2776.	3.7	66
110	Determination of mycotoxins in different food commodities by ultra-high-pressure liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1801-1809.	1.5	112
111	Simultaneous ultra-high-pressure liquid chromatography-tandem mass spectrometry determination of amphetamine and amphetamine-like stimulants, cocaine and its metabolites, and a cannabis metabolite in surface water and urban wastewater. <i>Journal of Chromatography A</i> , 2009, 1216, 3078-3089.	3.7	164
112	Screening of antibiotics in surface and wastewater samples by ultra-high-pressure liquid chromatography coupled to hybrid quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 2529-2539.	3.7	108
113	Determination of melamine in milk-based products and other food and beverage products by ion-pair liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 649, 91-97.	5.4	107
114	Combined Use of GC-TOF MS and UHPLC-(Q)TOF MS To Investigate the Presence of Nontarget Pollutants and Their Metabolites in a Case of Honeybee Poisoning. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4079-4090.	5.2	40
115	Fast determination of toxic diethylene glycol in toothpaste by ultra-performance liquid chromatography-time of flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1021-1027.	3.7	14
116	Investigating the presence of pesticide transformation products in water by using liquid chromatography-mass spectrometry with different mass analyzers. <i>Journal of Mass Spectrometry</i> , 2008, 43, 173-184.	1.6	46
117	Rapid non-target screening of organic pollutants in water by ultraperformance liquid chromatography coupled to time-of-flight mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 481-489.	11.4	174
118	Investigation of pesticide metabolites in food and water by LC-TOF-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 862-872.	11.4	82
119	Antibiotic residue determination in environmental waters by LC-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 466-485.	11.4	166
120	Efficient approach for the reliable quantification and confirmation of antibiotics in water using on-line solid-phase extraction liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1103, 83-93.	3.7	154
121	Re-evaluation of glyphosate determination in water by liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1134, 51-55.	3.7	115
122	Confirmation of organic micropollutants detected in environmental samples by liquid chromatography tandem mass spectrometry: Achievements and pitfalls. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 1030-1042.	11.4	101
123	Potential of liquid chromatography/time-of-flight mass spectrometry for the determination of pesticides and transformation products in water. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 987-997.	3.7	81
124	Strategies for quantification and confirmation of multi-class polar pesticides and transformation products in water by LC-MS ² using triple quadrupole and hybrid quadrupole time-of-flight analyzers. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 596-612.	11.4	153
125	Residue determination of cyromazine and its metabolite melamine in chard samples by ion-pair liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2005, 530, 237-243.	5.4	168
126	Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1081, 145-155.	3.7	213

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127	Use of liquid chromatography quadrupole time-of-flight mass spectrometry in the elucidation of transformation products and metabolites of pesticides. Diazinon as a case study. Analytical and Bioanalytical Chemistry, 2005, 384, 448-457.	3.7	45
128	Use of quadrupole time-of-flight mass spectrometry in the elucidation of unknown compounds present in environmental water. Rapid Communications in Mass Spectrometry, 2005, 19, 169-178.	1.5	132
129	Comparison of Different Mass Spectrometric Techniques Combined with Liquid Chromatography for Confirmation of Pesticides in Environmental Water Based on the Use of Identification Points. Analytical Chemistry, 2004, 76, 4349-4357.	6.5	132
130	Use of Quadrupole Time-of-Flight Mass Spectrometry in Environmental Analysis: Elucidation of Transformation Products of Triazine Herbicides in Water after UV Exposure. Analytical Chemistry, 2004, 76, 1328-1335.	6.5	79
131	Rapid Determination of Fosetyl-Aluminum Residues in Lettuce by Liquid Chromatography/Electrospray Tandem Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2003, 86, 832-838.	1.5	38
132	Rapid determination of fosetyl-aluminum residues in lettuce by liquid chromatography/electrospray tandem mass spectrometry. Journal of AOAC INTERNATIONAL, 2003, 86, 832-8.	1.5	5