

Felix Hernandez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7788033/publications.pdf>

Version: 2024-02-01

368
papers

20,375
citations

6613

79
h-index

22166

113
g-index

373
all docs

373
docs citations

373
times ranked

13844
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	Development of a simple and low-cost prototype probe fully-compatible with atmospheric solids analysis probe for the analysis of human breath in real-time. <i>Microchemical Journal</i> , 2022, 174, 107086.	4.5	1
3	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
4	An Initial Approach to the Presence of Pharmaceuticals in Wastewater from Hospitals in Colombia and Their Environmental Risk. <i>Water (Switzerland)</i> , 2022, 14, 950.	2.7	12
5	A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. <i>Environmental Science and Technology Letters</i> , 2022, 9, 57-63.	8.7	27
6	Occurrence, impact, and elimination of contaminants of emerging concern (CECs) in soil, water, and air streams: advances and challenges in Ibero-American countries. <i>Environmental Science and Pollution Research</i> , 2022, , .	5.3	0
7	Elimination of contaminants of emerging concern and their environmental risk in world-real municipal wastewaters by electrochemical advanced oxidation processes. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107803.	6.7	8
8	Use of illicit drugs, alcohol and tobacco in Spain and Portugal during the COVID-19 crisis in 2020 as measured by wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2022, 836, 155697.	8.0	22
9	Are preserved coastal water bodies in Spanish Mediterranean basin impacted by human activity? Water quality evaluation using chemical and biological analyses. <i>Environment International</i> , 2022, 165, 107326.	10.0	4
10	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
11	Monitoring the evolution of SARS-CoV-2 on a Spanish university campus through wastewater analysis: A pilot project for the reopening strategy. <i>Science of the Total Environment</i> , 2022, 845, 157370.	8.0	12
12	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
13	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021, 401, 123272.	12.4	39
14	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
15	Identification of new, very long-chain polyunsaturated fatty acids in fish by gas chromatography coupled to quadrupole/time-of-flight mass spectrometry with atmospheric pressure chemical ionization. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1039-1046.	3.7	12
16	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
17	Chromatography hyphenated to high resolution mass spectrometry in untargeted metabolomics for investigation of food (bio)markers. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116161.	11.4	52
18	Analytical Strategy for Identification and Quantification of 13 Steroids in Sole (<i>Solea senegalensis</i>) Tissues, Eggs, and Larvae for Application in Aquaculture Studies of Reproduction. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 89-99.	2.3	1

#	ARTICLE	IF	CITATIONS
19	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
20	Use of ion mobility-high resolution mass spectrometry in metabolomics studies to provide near MS/MS quality data in a single injection. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4718.	1.6	4
21	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
22	New psychoactive substances in several European populations assessed by wastewater-based epidemiology. <i>Water Research</i> , 2021, 195, 116983.	11.3	40
23	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
24	The embodiment of wastewater data for the estimation of illicit drug consumption in Spain. <i>Science of the Total Environment</i> , 2021, 772, 144794.	8.0	31
25	Treatment of wastewater effluents from Bogotá, Colombia by the photo-electro-Fenton process: Elimination of bacteria and pharmaceutical. <i>Science of the Total Environment</i> , 2021, 772, 144890.	8.0	38
26	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021, 199, 117167.	11.3	48
27	Wide-scope screening of pharmaceuticals, illicit drugs and their metabolites in the Amazon River. <i>Water Research</i> , 2021, 200, 117251.	11.3	27
28	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
29	Changes in drug use in European cities during early COVID-19 lockdowns - A snapshot from wastewater analysis. <i>Environment International</i> , 2021, 153, 106540.	10.0	47
30	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
31	Removal of a mixture of veterinary medicinal products by adsorption onto a <i>Scenedesmus almeriensis</i> microalgae-bacteria consortium. <i>Journal of Water Process Engineering</i> , 2021, 43, 102226.	5.6	27
32	The relevant role of ion mobility separation in LC-HRMS based screening strategies for contaminants of emerging concern in the aquatic environment. <i>Chemosphere</i> , 2021, 280, 130799.	8.2	23
33	Pharmaceuticals and environmental risk assessment in municipal wastewater treatment plants and rivers from Peru. <i>Environment International</i> , 2021, 155, 106674.	10.0	64
34	Wastewater-based epidemiology as a novel tool to evaluate human exposure to pesticides: Triazines and organophosphates as case studies. <i>Science of the Total Environment</i> , 2021, 793, 148618.	8.0	18
35	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
36	Wastewater-based epidemiology for tracking human exposure to mycotoxins. <i>Journal of Hazardous Materials</i> , 2020, 382, 121108.	12.4	36

#	ARTICLE	IF	CITATIONS
37	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020, 115, 109-120.	3.3	154
38	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
39	Gas chromatography-mass spectrometry based untargeted volatolomics for smoked seafood classification. <i>Food Research International</i> , 2020, 137, 109698.	6.2	7
40	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
41	Assessing alcohol consumption through wastewater-based epidemiology: Spain as a case study. <i>Drug and Alcohol Dependence</i> , 2020, 215, 108241.	3.2	30
42	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
43	Occurrence and ecological risks of pharmaceuticals in a Mediterranean river in Eastern Spain. <i>Environment International</i> , 2020, 144, 106004.	10.0	74
44	Sonochemical Advanced Oxidation Processes for the Removal of Pharmaceuticals in Wastewater Effluents. <i>Handbook of Environmental Chemistry</i> , 2020, , 349-381.	0.4	5
45	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020, 741, 140384.	8.0	24
46	Identification of Aquifer Recharge Sources as the Origin of Emerging Contaminants in Intensive Agricultural Areas. La Plana de Castell�n, Spain. <i>Water (Switzerland)</i> , 2020, 12, 731.	2.7	13
47	Enantiomeric profiling of quinolones and quinolones resistance gene qnrS in European wastewaters. <i>Water Research</i> , 2020, 175, 115653.	11.3	36
48	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
49	Monitoring psychoactive substance use at six European festivals through wastewater and pooled urine analysis. <i>Science of the Total Environment</i> , 2020, 725, 138376.	8.0	61
50	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
51	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
52	Investigating the appearance of new psychoactive substances in South Australia using wastewater and forensic data. <i>Drug Testing and Analysis</i> , 2019, 11, 250-256.	2.6	27
53	Drug Use by Music Festival Attendees: A Novel Triangulation Approach Using Self-Reported Data and Test Results of Oral Fluid and Pooled Urine Samples. <i>Substance Use and Misuse</i> , 2019, 54, 2317-2327.	1.4	8
54	Investigation of pesticides and their transformation products in the J�car River Hydrographical Basin (Spain) by wide-scope high-resolution mass spectrometry screening. <i>Environmental Research</i> , 2019, 177, 108570.	7.5	36

#	ARTICLE	IF	CITATIONS
55	Flexible high resolution-mass spectrometry approach for screening new psychoactive substances in urban wastewater. <i>Science of the Total Environment</i> , 2019, 689, 679-690.	8.0	35
56	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
57	Disruption of gut integrity and permeability contributes to enteritis in a fish-parasite model: a story told from serum metabolomics. <i>Parasites and Vectors</i> , 2019, 12, 486.	2.5	24
58	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
59	Bogotá River anthropogenic contamination alters microbial communities and promotes spread of antibiotic resistance genes. <i>Scientific Reports</i> , 2019, 9, 11764.	3.3	29
60	The role of analytical chemistry in exposure science: Focus on the aquatic environment. <i>Chemosphere</i> , 2019, 222, 564-583.	8.2	87
61	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
62	Study of cyanotoxin degradation and evaluation of their transformation products in surface waters by LC-QTOF MS. <i>Chemosphere</i> , 2019, 229, 538-548.	8.2	21
63	Simultaneous determination of new psychoactive substances and illicit drugs in sewage: Potential of micro-liquid chromatography tandem mass spectrometry in wastewater-based epidemiology. <i>Journal of Chromatography A</i> , 2019, 1602, 300-309.	3.7	41
64	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
65	Monitoring new psychoactive substances use through wastewater analysis: current situation, challenges and limitations. <i>Current Opinion in Environmental Science and Health</i> , 2019, 9, 1-12.	4.1	36
66	Effective elimination of fifteen relevant pharmaceuticals in hospital wastewater from Colombia by combination of a biological system with a sonochemical process. <i>Science of the Total Environment</i> , 2019, 670, 623-632.	8.0	88
67	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
68	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
69	Contributions of MS metabolomics to gilthead sea bream (<i>Sparus aurata</i>) nutrition. Serum fingerprinting of fish fed low fish meal and fish oil diets. <i>Aquaculture</i> , 2019, 498, 503-512.	3.5	50
70	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
71	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
72	Comparison of phosphodiesterase type V inhibitors use in eight European cities through analysis of urban wastewater. <i>Environment International</i> , 2018, 115, 279-284.	10.0	26

#	ARTICLE	IF	CITATIONS
73	Wastewater-based tracing of doping use by the general population and amateur athletes. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1793-1803.	3.7	26
74	Inhibition of larval growth and adult fecundity in Asian longhorned beetle (<i>Anoplophora</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 <i>Science</i> , 2018, 74, 1351-1361.	3.4	4
75	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 34-43.	11.4	85
76	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. <i>Mass Spectrometry Reviews</i> , 2018, 37, 258-280.	5.4	95
77	Enantiomeric profiling of chiral illicit drugs in a pan-European study. <i>Water Research</i> , 2018, 130, 151-160.	11.3	83
78	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
79	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
80	Comprehensive overview of feed-to-fillet transfer of new and traditional contaminants in Atlantic salmon and gilthead sea bream fed plant-based diets. <i>Aquaculture Nutrition</i> , 2018, 24, 1782-1795.	2.7	18
81	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
82	Wastewater-Based Epidemiology as a Novel Biomonitoring Tool to Evaluate Human Exposure To Pollutants. <i>Environmental Science & Technology</i> , 2018, 52, 10224-10226.	10.0	49
83	What about the herb? A new metabolomics approach for synthetic cannabinoid drug testing. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5107-5112.	3.7	15
84	Wastewater Analysis for Community-Wide Drugs Use Assessment. <i>Handbook of Experimental Pharmacology</i> , 2018, 252, 543-566.	1.8	15
85	An investigation into the occurrence and removal of pharmaceuticals in Colombian wastewater™. <i>Science of the Total Environment</i> , 2018, 642, 842-853.	8.0	204
86	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
87	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
88	Identification and characterization of a putative new psychoactive substance, 2-(2-(4-chlorophenyl)acetamido)-3-methylbutanamide, in Spain. <i>Drug Testing and Analysis</i> , 2017, 9, 1073-1080.	2.6	14
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	Wastewater-based epidemiology to assess pan-European pesticide exposure. <i>Water Research</i> , 2017, 121, 270-279.	11.3	110
92	Prediction of Collision Cross-Section Values for Small Molecules: Application to Pesticide Residue Analysis. <i>Analytical Chemistry</i> , 2017, 89, 6583-6589.	6.5	93
93	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
94	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
95	Monitoring a large number of pesticides and transformation products in water samples from Spain and Italy. <i>Environmental Research</i> , 2017, 156, 31-38.	7.5	66
96	Improving wastewater-based epidemiology to estimate cannabis use: focus on the initial aspects of the analytical procedure. <i>Analytica Chimica Acta</i> , 2017, 988, 27-33.	5.4	57
97	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
98	Estimation of caffeine intake from analysis of caffeine metabolites in wastewater. <i>Science of the Total Environment</i> , 2017, 609, 1582-1588.	8.0	87
99	Liquid chromatography-tandem mass spectrometry determination of synthetic cathinones and phenethylamines in influent wastewater of eight European cities. <i>Chemosphere</i> , 2017, 168, 1032-1041.	8.2	82
100	Towards the review of the European Union Water Framework Directive: Recommendations for more efficient assessment and management of chemical contamination in European surface water resources. <i>Science of the Total Environment</i> , 2017, 576, 720-737.	8.0	255
101	Untargeted metabolomics approach for unraveling robust biomarkers of nutritional status in fasted gilthead sea bream (<i>Sparus aurata</i>). <i>PeerJ</i> , 2017, 5, e2920.	2.0	26
102	Facilitating high resolution mass spectrometry data processing for screening of environmental water samples: An evaluation of two deconvolution tools. <i>Science of the Total Environment</i> , 2016, 569-570, 434-441.	8.0	24
103	Comparison of pharmaceutical, illicit drug, alcohol, nicotine and caffeine levels in wastewater with sale, seizure and consumption data for 8 European cities. <i>BMC Public Health</i> , 2016, 16, 1035.	2.9	139
104	Increased levels of the oxidative stress biomarker 8-iso-prostaglandin F ₂ ± in wastewater associated with tobacco use. <i>Scientific Reports</i> , 2016, 6, 39055.	3.3	59
105	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
106	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
107	Behaviour of emerging contaminants in sewage sludge after anaerobic digestion. <i>Chemosphere</i> , 2016, 163, 296-304.	8.2	59
108	Estimation of illicit drug use in the main cities of Colombia by means of urban wastewater analysis. <i>Science of the Total Environment</i> , 2016, 565, 984-993.	8.0	60

#	ARTICLE	IF	CITATIONS
109	Metabolomic approach for Extra virgin olive oil origin discrimination making use of ultra-high performance liquid chromatography coupled to Quadrupole time-of-flight mass spectrometry. <i>Food Control</i> , 2016, 70, 350-359.	5.5	47
110	Comparative measurement and quantitative risk assessment of alcohol consumption through wastewater-based epidemiology: An international study in 20 cities. <i>Science of the Total Environment</i> , 2016, 565, 977-983.	8.0	85
111	3-Fluorophenmetrazine, a fluorinated analogue of phenmetrazine: Studies on in vivo metabolism in rat and human, in vitro metabolism in human CYP isoenzymes and microbial biotransformation in <i>Pseudomonas Putida</i> and wastewater using GC and LC coupled to (HR)-MS techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 485-495.	2.8	15
112	Told through the wine: A liquid chromatography-mass spectrometry interplatform comparison reveals the influence of the global approach on the final annotated metabolites in non-targeted metabolomics. <i>Journal of Chromatography A</i> , 2016, 1433, 90-97.	3.7	32
113	Assessing geographical differences in illicit drug consumption: A comparison of results from epidemiological and wastewater data in Germany and Switzerland. <i>Drug and Alcohol Dependence</i> , 2016, 161, 189-199.	3.2	51
114	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
115	Potential of atmospheric pressure chemical ionization source in gas chromatography tandem mass spectrometry for the screening of urinary exogenous androgenic anabolic steroids. <i>Analytica Chimica Acta</i> , 2016, 906, 128-138.	5.4	29
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	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
124	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
125	Critical evaluation of a simple retention time predictor based on LogKow as a complementary tool in the identification of emerging contaminants in water. <i>Talanta</i> , 2015, 139, 143-149.	5.5	69
126	Exploring matrix effects in liquid chromatography-tandem mass spectrometry determination of pesticide residues in tropical fruits. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3667-3681.	3.7	26

#	ARTICLE	IF	CITATIONS
127	Analytical strategy based on the combination of gas chromatography coupled to time-of-flight and hybrid quadrupole time-of-flight mass analyzers for non-target analysis in food packaging. <i>Food Chemistry</i> , 2015, 188, 301-308.	8.2	39
128	Occurrence and potential transfer of mycotoxins in gilthead sea bream and Atlantic salmon by use of novel alternative feed ingredients. <i>Chemosphere</i> , 2015, 128, 314-320.	8.2	58
129	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
130	Screening of pharmaceuticals and illicit drugs in wastewater and surface waters of Spain and Italy by high resolution mass spectrometry using UHPLC-QTOF MS and LC-LTQ-Orbitrap MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8979-8988.	3.7	60
131	A simple and rapid analytical methodology based on liquid chromatography-tandem mass spectrometry for monitoring pesticide residues in soils from Argentina. <i>Analytical Methods</i> , 2015, 7, 9504-9512.	2.7	27
132	Suspect screening of large numbers of emerging contaminants in environmental waters using artificial neural networks for chromatographic retention time prediction and high resolution mass spectrometry data analysis. <i>Science of the Total Environment</i> , 2015, 538, 934-941.	8.0	96
133	Atmospheric-Pressure Chemical Ionization Tandem Mass Spectrometry (APGC/MS/MS) an Alternative to High-Resolution Mass Spectrometry (HRGC/HRMS) for the Determination of Dioxins. <i>Analytical Chemistry</i> , 2015, 87, 9047-9053.	6.5	58
134	Novel Analytical Approach for Brominated Flame Retardants Based on the Use of Gas Chromatography-Atmospheric Pressure Chemical Ionization-Tandem Mass Spectrometry with Emphasis in Highly Brominated Congeners. <i>Analytical Chemistry</i> , 2015, 87, 9892-9899.	6.5	47
135	Fast gas chromatographic residue analysis in animal feed using split injection and atmospheric pressure chemical ionisation tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1422, 289-298.	3.7	16
136	Advancing towards universal screening for organic pollutants in waters. <i>Journal of Hazardous Materials</i> , 2015, 282, 86-95.	12.4	125
137	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
138	Occurrence and behavior of illicit drugs and metabolites in sewage water from the Spanish Mediterranean coast (Valencia region). <i>Science of the Total Environment</i> , 2014, 487, 703-709.	8.0	82
139	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
140	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
141	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
142	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
143	Use of electron ionization and atmospheric pressure chemical ionization in gas chromatography coupled to time-of-flight mass spectrometry for screening and identification of organic pollutants in waters. <i>Journal of Chromatography A</i> , 2014, 1339, 145-153.	3.7	71
144	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

#	ARTICLE	IF	CITATIONS
145	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. <i>Addiction</i> , 2014, 109, 1338-1352.	3.3	319
146	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
147	Screening of Pesticides and Polycyclic Aromatic Hydrocarbons in Feeds and Fish Tissues by Gas Chromatography Coupled to High-Resolution Mass Spectrometry Using Atmospheric Pressure Chemical Ionization. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2165-2174.	5.2	92
148	Application of liquid chromatography/mass spectrometry in assessment of potential use of azadirachtins (TreeAzinâ„†) against Asian longhorned beetle. <i>Analytical Methods</i> , 2014, 6, 8063-8071.	2.7	4
149	Mass spectrometric behavior of anabolic androgenic steroids using gas chromatography coupled to atmospheric pressure chemical ionization source. Part I: Ionization. <i>Journal of Mass Spectrometry</i> , 2014, 49, 509-521.	1.6	33
150	Validation of a qualitative screening method for pesticides in fruits and vegetables by gas chromatography quadrupole-time of flight mass spectrometry with atmospheric pressure chemical ionization. <i>Analytica Chimica Acta</i> , 2014, 838, 76-85.	5.4	58
151	Improvements in analytical methodology for the determination of frequently consumed illicit drugs in urban wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4261-4272.	3.7	50
152	Screening and quantification of pesticide residues in fruits and vegetables making use of gas chromatographyâ€“quadrupole time-of-flight mass spectrometry with atmospheric pressure chemical ionization. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6843-6855.	3.7	44
153	Determination of methylisothiocyanate in soil and water by HS-SPME followed by GCâ€“MSâ€“MS with a triple quadrupole. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5271-5282.	3.7	12
154	Metabolomic approaches for orange origin discrimination by ultra-high performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Food Chemistry</i> , 2014, 157, 84-93.	8.2	85
155	Could Spice Drugs Induce Psychosis With Abnormal Movements Similar to Catatonia?. <i>Psychiatry (New Tj ETQq1 1,0,784314,rgBT /Ove</i>	0.7	12
156	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
157	N-Acetylcysteine boosts xenobiotic detoxification in shellfish. <i>Aquatic Toxicology</i> , 2014, 154, 131-140.	4.0	16
158	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
159	A robust GC-MS/MS method for the determination of chlorothalonil in fruits and vegetables. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 298-307.	2.3	21
160	Direct liquid chromatographyâ€“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
161	Comparison of Simple and Rapid Extraction Procedures for the Determination of Pesticide Residues in Fruit Juices by Fast Gas Chromatographyâ€“Mass Spectrometry. <i>Food Analytical Methods</i> , 2013, 6, 1671-1684.	2.6	15
162	Application of gas chromatographyâ€“(triple quadrupole) mass spectrometry with atmospheric pressure chemical ionization for the determination of multiclass pesticides in fruits and vegetables. <i>Journal of Chromatography A</i> , 2013, 1314, 224-240.	3.7	63

#	ARTICLE	IF	CITATIONS
163	Quadrupole- <i>time-of-flight</i> mass spectrometry screening for synthetic cannabinoids in herbal blends. <i>Journal of Mass Spectrometry</i> , 2013, 48, 685-694.	1.6	29
164	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
165	The role of GC-MS/MS with triple quadrupole in pesticide residue analysis in food and the environment. <i>Analytical Methods</i> , 2013, 5, 5875.	2.7	62
166	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
167	Development of a fast analytical method for the individual determination of pyrethrins residues in fruits and vegetables by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1307, 126-134.	3.7	19
168	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
169	Application of Fast Gas Chromatography-Mass Spectrometry in Combination with the QuEChERS Method for the Determination of Pesticide Residues in Fruits and Vegetables. <i>Food Analytical Methods</i> , 2013, 6, 1170-1187.	2.6	20
170	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
171	Performance of the linear ion trap Orbitrap mass analyzer for qualitative and quantitative analysis of drugs of abuse and relevant metabolites in sewage water. <i>Analytica Chimica Acta</i> , 2013, 768, 102-110.	5.4	68
172	Multiresidue Methods for Pesticides and Related Contaminants in Food. , 2013, , 319-336.		2
173	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
174	Risk assessment for drugs of abuse in the Dutch watercycle. <i>Water Research</i> , 2013, 47, 1848-1857.	11.3	70
175	Evaluation of Uncertainties Associated with the Determination of Community Drug Use through the Measurement of Sewage Drug Biomarkers. <i>Environmental Science & Technology</i> , 2013, 47, 1452-1460.	10.0	320
176	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
177	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
178	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
179	Investigation of drugs of abuse and relevant metabolites in Dutch sewage water by liquid chromatography coupled to high resolution mass spectrometry. <i>Chemosphere</i> , 2012, 89, 1399-1406.	8.2	135
180	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

#	ARTICLE	IF	CITATIONS
181	Comparing illicit drug use in 19 European cities through sewage analysis. <i>Science of the Total Environment</i> , 2012, 432, 432-439.	8.0	416
182	Multi-class determination of personal care products and pharmaceuticals in environmental and wastewater samples by ultra-high performance liquid-chromatography-tandem mass spectrometry. <i>Talanta</i> , 2012, 99, 1011-1023.	5.5	105
183	Optimisation and validation of a specific analytical method for the determination of thiram residues in fruits and vegetables by LC-MS/MS. <i>Food Chemistry</i> , 2012, 135, 186-192.	8.2	45
184	Importance of MS selectivity and chromatographic separation in LC-MS/MS-based methods when investigating pharmaceutical metabolites in water. Dipyrone as a case of study. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1040-1046.	1.6	18
185	Advantages of Atmospheric Pressure Chemical Ionization in Gas Chromatography Tandem Mass Spectrometry: Pyrethroid Insecticides as a Case Study. <i>Analytical Chemistry</i> , 2012, 84, 9802-9810.	6.5	72
186	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
187	Improved gas chromatography-tandem mass spectrometry determination of pesticide residues making use of atmospheric pressure chemical ionization. <i>Journal of Chromatography A</i> , 2012, 1260, 183-192.	3.7	54
188	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
189	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
190	Current use of high-resolution mass spectrometry in the environmental sciences. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1251-1264.	3.7	221
191	Occurrence and removal of pharmaceuticals in wastewater treatment plants at the Spanish Mediterranean area of Valencia. <i>Chemosphere</i> , 2012, 87, 453-462.	8.2	351
192	Liquid chromatography coupled to tandem mass spectrometry for the residue determination of ethylenethiourea (ETU) and propylenethiourea (PTU) in water. <i>Journal of Chromatography A</i> , 2012, 1243, 53-61.	3.7	18
193	Application of gas chromatography time-of-flight mass spectrometry for target and non-target analysis of pesticide residues in fruits and vegetables. <i>Journal of Chromatography A</i> , 2012, 1244, 168-177.	3.7	82
194	Characterization of the organic contamination pattern of a hyper-saline ecosystem by rapid screening using gas chromatography coupled to high-resolution time-of-flight mass spectrometry. <i>Science of the Total Environment</i> , 2012, 433, 161-168.	8.0	13
195	Multiclass determination of 66 organic micropollutants in environmental water samples by fast gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2301-2314.	3.7	28
196	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
197	Investigation of organophosphate esters in fresh water, salt and brine samples by GC-TOF MS. <i>Analytical Methods</i> , 2011, 3, 1779.	2.7	10
198	Analytical study on ethephon residue determination in water by ion-pairing liquid chromatography/tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 1380-1391.	3.3	5

#	ARTICLE	IF	CITATIONS
199	Determination of volatile organic compounds in water by headspace solid-phase microextraction gas chromatography coupled to tandem mass spectrometry with triple quadrupole analyzer. <i>Analytica Chimica Acta</i> , 2011, 704, 87-97.	5.4	40
200	Non-target screening of organic contaminants in marine salts by gas chromatography coupled to high-resolution time-of-flight mass spectrometry. <i>Talanta</i> , 2011, 85, 877-884.	5.5	40
201	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
202	Comparison between triple quadrupole, time of flight and hybrid quadrupole time of flight analysers coupled to liquid chromatography for the detection of anabolic steroids in doping control analysis. <i>Analytica Chimica Acta</i> , 2011, 684, 107-120.	5.4	46
203	Determination of eight nitrosamines in water at the ng L ⁻¹ levels by liquid chromatography coupled to atmospheric pressure chemical ionization tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2011, 702, 62-71.	5.4	71
204	Development and validation of a rapid and wide-scope qualitative screening method for detection and identification of organic pollutants in natural water and wastewater by gas chromatography time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 303-315.	3.7	72
205	Multi-class determination of around 50 pharmaceuticals, including 26 antibiotics, in environmental and wastewater samples by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 2264-2275.	3.7	180
206	Mass spectrometric characterization of urinary toremifene metabolites for doping control analyses. <i>Journal of Chromatography A</i> , 2011, 1218, 4727-4737.	3.7	23
207	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
208	Use of soft and hard ionization techniques for elucidation of unknown compounds by gas chromatography/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1589-1599.	1.5	28
209	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
210	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
211	Fragmentation pathways of drugs of abuse and their metabolites based on QTOF MS/MS and MSE accurate-mass spectra. <i>Journal of Mass Spectrometry</i> , 2011, 46, 865-875.	1.6	86
212	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
213	Gas chromatography coupled to high-resolution time-of-flight mass spectrometry to analyze trace-level organic compounds in the environment, food safety and toxicology. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 388-400.	11.4	130
214	Multi-residue determination of 130 multiclass pesticides in fruits and vegetables by gas chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2873-2891.	3.7	79
215	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
216	Simultaneous determination of triazines and their main transformation products in surface and urban wastewater by ultra-high-pressure liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2791-2805.	3.7	52

#	ARTICLE	IF	CITATIONS
217	Mass Spectrometry: Fourth conference of the Spanish Society of Mass Spectrometry (SEEM). Analytical and Bioanalytical Chemistry, 2010, 397, 2761-2762.	3.7	0
218	Quantification, confirmation and screening capability of UHPLC coupled to triple quadrupole and hybrid quadrupole time-of-flight mass spectrometry in pesticide residue analysis. Journal of Mass Spectrometry, 2010, 45, 421-436.	1.6	72
219	Potential of atmospheric pressure chemical ionization source in GC-QTOF MS for pesticide residue analysis. Journal of Mass Spectrometry, 2010, 45, 926-936.	1.6	97
220	Gas chromatography-mass spectrometric determination of polybrominated diphenyl ethers in complex fatty matrices from aquaculture activities. Analytica Chimica Acta, 2010, 664, 190-198.	5.4	21
221	Simultaneous determination of acidic, neutral and basic pharmaceuticals in urban wastewater by ultra high-pressure liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 622-632.	3.7	133
222	Detection and Characterization of a New Metabolite of 17 β -Methyltestosterone. Drug Metabolism and Disposition, 2009, 37, 2153-2162.	3.3	50
223	Searching for anthropogenic contaminants in human breast adipose tissues using gas chromatography-time-of-flight mass spectrometry. Journal of Mass Spectrometry, 2009, 44, 1-11.	1.6	49
224	GC-MS/MS multi-residue method for the determination of organochlorine pesticides, polychlorinated biphenyls and polybrominated diphenyl ethers in human breast tissues. Journal of Separation Science, 2009, 32, 2090-2102.	2.5	40
225	Use of ultra-high-pressure liquid chromatography-quadrupole time-of-flight MS to discover the presence of pesticide metabolites in food samples. Journal of Separation Science, 2009, 32, 2245-2261.	2.5	51
226	Determination of mycotoxins in different food commodities by ultra-high-pressure liquid chromatography coupled to triple quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 1801-1809.	1.5	112
227	Determination of sub-ppb epichlorohydrin levels in water by on-line solid-phase extraction liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 1841-1848.	1.5	8
228	A reliable analytical approach based on gas chromatography coupled to triple quadrupole and time-of-flight mass analyzers for the determination and confirmation of polycyclic aromatic hydrocarbons in complex matrices from aquaculture activities. Rapid Communications in Mass Spectrometry, 2009, 23, 2075-2086.	1.5	30
229	Application of ultra-high-pressure liquid chromatography-tandem mass spectrometry to the determination of multi-class pesticides in environmental and wastewater samples. Journal of Chromatography A, 2009, 1216, 1410-1420.	3.7	138
230	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. Journal of Chromatography A, 2009, 1216, 3078-3089.	3.7	164
231	Application of multiple headspace-solid-phase microextraction followed by gas chromatography-mass spectrometry to quantitative analysis of tomato aroma components. Journal of Chromatography A, 2009, 1216, 127-133.	3.7	63
232	Screening of antibiotics in surface and wastewater samples by ultra-high-pressure liquid chromatography coupled to hybrid quadrupole time-of-flight mass spectrometry. Journal of Chromatography A, 2009, 1216, 2529-2539.	3.7	108
233	Determination of melamine in milk-based products and other food and beverage products by ion-pair liquid chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2009, 649, 91-97.	5.4	107
234	Detection and structural investigation of metabolites of stanozolol in human urine by liquid chromatography tandem mass spectrometry. Steroids, 2009, 74, 837-852.	1.8	56

#	ARTICLE	IF	CITATIONS
235	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
236	Application of head-space solid-phase microextraction coupled to comprehensive two-dimensional gas chromatography–time-of-flight mass spectrometry for the determination of multiple pesticide residues in tea samples. <i>Analytica Chimica Acta</i> , 2008, 611, 163-172.	5.4	94
237	Determination of PBDEs in human breast adipose tissues by gas chromatography coupled with triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1343-1354.	3.7	27
238	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
239	Collision–induced dissociation of β -keto anabolic steroids and related compounds after electrospray ionization. Considerations for structural elucidation. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 4009-4024.	1.5	89
240	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
241	Rapid non-target screening of organic pollutants in water by ultraperformance liquid chromatography coupled to time-of-light mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 481-489.	11.4	174
242	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
243	Pesticide residues and transformation products in groundwater from a Spanish agricultural region on the Mediterranean Coast. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 409-424.	3.3	39
244	Quantification and confirmation of priority organic micropollutants in water by LC-tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2007, 87, 237-248.	3.3	9
245	Use of Liquid Chromatography Coupled to Quadrupole Time-of-Flight Mass Spectrometry To Investigate Pesticide Residues in Fruits. <i>Analytical Chemistry</i> , 2007, 79, 2833-2843.	6.5	93
246	Target and Nontarget Screening of Organic Micropollutants in Water by Solid-Phase Microextraction Combined with Gas Chromatography/High-Resolution Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 9494-9504.	6.5	97
247	Methodical approach for the use of GC–TOF MS for screening and confirmation of organic pollutants in environmental water. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1175-1185.	1.6	37
248	Antibiotic residue determination in environmental waters by LC-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 466-485.	11.4	166
249	Determination of priority organic micro-pollutants in water by gas chromatography coupled to triple quadrupole mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 583, 246-258.	5.4	115
250	Liquid chromatography/tandem mass spectrometry determination of (4S,2RS)-2,5,5-trimethylthiazolidine-4-carboxylic acid, a stable adduct formed between D-(–)-penicillamine and acetaldehyde (main biological metabolite of ethanol), in plasma, liver and brain rat tissues. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1221-1229.	1.5	22
251	The even–electron rule in electrospray mass spectra of pesticides. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3855-3868.	1.5	67
252	Multiresidue pesticide analysis of fruits by ultra-performance liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1765-1771.	3.7	33

#	ARTICLE	IF	CITATIONS
253	Analytical Study of Trichlorfon Residues in Kaki Fruit and Cauliflower Samples by Liquid Chromatography-Electrospray Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1188-1195.	5.2	15
254	Residue Determination of Captan and Folpet in Vegetable Samples by Gas Chromatography/Negative Chemical Ionization Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2006, 89, 1080-1087.	1.5	34
255	An ion-pairing liquid chromatography/tandem mass spectrometric method for the determination of ethephon residues in vegetables. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 419-426.	1.5	32
256	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
257	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
258	Quantification and confirmation of anionic, cationic and neutral pesticides and transformation products in water by on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1133, 204-214.	3.7	51
259	Multiresidue liquid chromatography tandem mass spectrometry determination of 52 non gas chromatography-amenable pesticides and metabolites in different food commodities. <i>Journal of Chromatography A</i> , 2006, 1109, 242-252.	3.7	200
260	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
261	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
262	Study of different atmospheric-pressure interfaces for LC-MS/MS determination of acrylamide in water at sub-ppb levels. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1041-1048.	1.6	27
263	Evaluation of different quantitative approaches for the determination of noneasily ionizable molecules by different atmospheric pressure interfaces used in liquid chromatography tandem mass spectrometry: Abamectin as case of study. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1619-1630.	2.8	46
264	Strategies for quantification and confirmation of multi-class polar pesticides and transformation products in water by LC-MS2 using triple quadrupole and hybrid quadrupole time-of-flight analyzers. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 596-612.	11.4	153
265	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
266	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
267	Application of solid phase microextraction for the determination of soil fumigants in water and soil samples. <i>Journal of Separation Science</i> , 2005, 28, 98-103.	2.5	20
268	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. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 384, 448-457.	3.7	45
269	Critical review of the application of liquid chromatography/mass spectrometry to the determination of pesticide residues in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 934-946.	3.7	220
270	Use of quadrupole time-of-flight mass spectrometry in the elucidation of unknown compounds present in environmental water. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 169-178.	1.5	132

#	ARTICLE	IF	CITATIONS
271	Potential of Gas Chromatography Coupled To Triple Quadrupole Mass Spectrometry for Quantification and Confirmation of Organohalogen Xenoestrogen Compounds in Human Breast Tissues. <i>Analytical Chemistry</i> , 2005, 77, 7662-7672.	6.5	39
272	LIQUID CHROMATOGRAPHY Multidimensional. , 2005, , 197-205.		0
273	Potential of capillary-column-switching liquid chromatography-tandem mass spectrometry for the quantitative trace analysis of small molecules. <i>Journal of Chromatography A</i> , 2004, 1031, 1-9.	3.7	25
274	Determination of tridemorph and other fungicide residues in fruit samples by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1045, 137-143.	3.7	50
275	Determination of fungicide residues in fruits by coupled-column liquid chromatography. <i>Journal of Separation Science</i> , 2004, 27, 645-652.	2.5	14
276	An estimation of the exposure to organophosphorus pesticides through the simultaneous determination of their main metabolites in urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 808, 229-239.	2.3	58
277	Improved coupled-column liquid chromatographic method for the determination of glyphosate and aminomethylphosphonic acid residues in environmental waters. <i>Journal of Chromatography A</i> , 2004, 1035, 153-157.	3.7	64
278	Simultaneous determination of arsenic and selenium species in phosphoric acid extracts of sediment samples by HPLC-ICP-MS. <i>Analytica Chimica Acta</i> , 2004, 527, 97-104.	5.4	68
279	Comparison of Different Mass Spectrometric Techniques Combined with Liquid Chromatography for Confirmation of Pesticides in Environmental Water Based on the Use of Identification Points. <i>Analytical Chemistry</i> , 2004, 76, 4349-4357.	6.5	132
280	Response to Comment on "Biomagnification Study on Organochlorine Compounds in Marine Aquaculture: The Sea Bass (<i>Dicentrarchus labrax</i>) as a Model". <i>Environmental Science & Technology</i> , 2004, 38, 1263-1263.	10.0	2
281	Use of Quadrupole Time-of-Flight Mass Spectrometry in Environmental Analysis: Elucidation of Transformation Products of Triazine Herbicides in Water after UV Exposure. <i>Analytical Chemistry</i> , 2004, 76, 1328-1335.	6.5	79
282	Liquid chromatography and tandem mass spectrometry: a powerful approach for the sensitive and rapid multiclass determination of pesticides and transformation products in water. <i>Analyst</i> , The, 2004, 129, 38-44.	3.5	65
283	Rapid multiresidue determination of organochlorine and organophosphorus compounds in human serum by solid-phase extraction and gas chromatography coupled to tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 189-197.	3.7	58
284	Application of solid-phase microextraction for the determination of pyrethroid residues in vegetable samples by GC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 502-511.	3.7	80
285	Determination of low concentrations of organochlorine pesticides and PCBs in fish feed and fish tissues from aquaculture activities by gas chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2003, 26, 75-86.	2.5	40
286	Determination of abamectin and azadirachtin residues in orange samples by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 992, 133-140.	3.7	61
287	Direct Determination of Paclobutrazol Residues in Pear Samples by Liquid Chromatography-Electrospray Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4202-4206.	5.2	32
288	Biomagnification Study on Organochlorine Compounds in Marine Aquaculture: The Sea Bass (<i>Dicentrarchus labrax</i>) as a Model. <i>Environmental Science & Technology</i> , 2003, 37, 3375-3381.	10.0	53

#	ARTICLE	IF	CITATIONS
289	Rapid Determination of Fosetyl-Aluminum Residues in Lettuce by Liquid Chromatography/Electrospray Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 832-838.	1.5	38
290	Rapid determination of fosetyl-aluminum residues in lettuce by liquid chromatography/electrospray tandem mass spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 832-8.	1.5	5
291	Multiresidue Determination of Endosulfan and Metabolic Derivatives in Human Adipose Tissue Using Automated Liquid Chromatographic Cleanup and Gas Chromatographic Analysis. <i>Journal of Analytical Toxicology</i> , 2002, 26, 94-103.	2.8	29
292	Determination of organochlorine compounds in human adipose tissue using automated liquid chromatographic clean up and gas chromatography-tandem mass spectrometry. <i>Chromatographia</i> , 2002, 55, 715-722.	1.3	15
293	Different quantitation approaches for xenobiotics in human urine samples by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 639-645.	1.5	67
294	Direct determination of alkyl phosphates in human urine by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1766-1773.	1.5	66
295	Headspace solid-phase microextraction in combination with gas chromatography and tandem mass spectrometry for the determination of organochlorine and organophosphorus pesticides in whole human blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 769, 65-77.	2.3	62
296	Multiresidue determination of organophosphorus and organochlorine pesticides in human biological fluids by capillary gas chromatography. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 369, 502-509.	1.5	20
297	Gas chromatographic determination of selected pesticides in human serum by head-space solid-phase microextraction. <i>Chromatographia</i> , 2001, 54, 757-763.	1.3	21
298	Gas chromatographic determination of organochlorine and organophosphorus pesticides in human fluids using solid phase microextraction. <i>Analytica Chimica Acta</i> , 2001, 433, 217-226.	5.4	87
299	Simultaneous determination of arsenic species and chromium(VI) by high-performance liquid chromatography-inductively coupled plasma-mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 912, 319-327.	3.7	82
300	Determination of the herbicide 4-chloro-2-methylphenoxyacetic acid and its main metabolite, 4-chloro-2-methylphenol in water and soil by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 923, 75-85.	3.7	78
301	Study of matrix effects on the direct trace analysis of acidic pesticides in water using various liquid chromatographic modes coupled to tandem mass spectrometric detection. <i>Journal of Chromatography A</i> , 2001, 926, 113-125.	3.7	86
302	Multielemental determination of arsenic, selenium and chromium(VI) species in water by high-performance liquid chromatography-inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 926, 265-274.	3.7	121
303	Rapid direct determination of pesticides and metabolites in environmental water samples at sub-1/4g/l level by on-line solid-phase extraction-liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 939, 1-11.	3.7	124
304	Direct determination of chlorpyrifos and its main metabolite 3,5,6-trichloro-2-pyridinol in human serum and urine by coupled-column liquid chromatography/electrospray-tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1485-1490.	1.5	74
305	Solid-phase microextraction in pesticide residue analysis. <i>Journal of Chromatography A</i> , 2000, 885, 389-404.	3.7	273
306	Persistent Organochlorines and Organophosphorus Compounds and Heavy Elements in Common Whale (<i>Balaenoptera physalus</i>) from the Western Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2000, 40, 426-433.	5.0	33

#	ARTICLE	IF	CITATIONS
307	Multiresidue procedures for determination of triazine and organophosphorus pesticides in water by use of large-volume PTV injection in gas chromatography. <i>Chromatographia</i> , 2000, 51, 362-368.	1.3	15
308	Determination of Glyphosate Residues in Plants by Precolumn Derivatization and Coupled-Column Liquid Chromatography with Fluorescence Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2000, 83, 728-734.	1.5	35
309	Use of Solid-Phase Microextraction for the Quantitative Determination of Herbicides in Soil and Water Samples. <i>Analytical Chemistry</i> , 2000, 72, 2313-2322.	6.5	167
310	Determination of glyphosate residues in plants by precolumn derivatization and coupled-column liquid chromatography with fluorescence detection. <i>Journal of AOAC INTERNATIONAL</i> , 2000, 83, 728-34.	1.5	5
311	Multiresidue determination of persistent organochlorine and organophosphorus compounds in whale tissues using automated liquid chromatographic clean up and gas chromatographic mass spectrometric detection. <i>Journal of Chromatography A</i> , 1999, 855, 633-643.	3.7	17
312	Strategies in Using Analytical Restricted Access Media Columns for the Removal of Humic Acid Interferences in the Trace Analysis of Acidic Herbicides in Water Samples by Coupled Column Liquid Chromatography with UV Detection. <i>Analytical Chemistry</i> , 1999, 71, 1111-1118.	6.5	82
313	Automated sample clean-up procedure for organophosphorus pesticides in several aquatic organisms using normal phase liquid chromatography. <i>Analytica Chimica Acta</i> , 1998, 374, 215-229.	5.4	21
314	Microwave-assisted solvent extraction and reversed-phase liquid chromatography with UV detection for screening soils for sulfonylurea herbicides. <i>Journal of Chromatography A</i> , 1998, 798, 179-186.	3.7	85
315	Solid-phase microextraction for quantitative analysis of organophosphorus pesticides in environmental water samples. <i>Journal of Chromatography A</i> , 1998, 808, 257-263.	3.7	130
316	Comparison of simplified methods for pesticide residue analysis. <i>Journal of Chromatography A</i> , 1998, 823, 25-33.	3.7	35
317	Automated determination of phenylcarbamate herbicides in environmental waters by on-line trace enrichment and reversed-phase liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , 1998, 823, 121-128.	3.7	19
318	Rapid determination of carbaryl and 1-naphthol at ppt levels in environmental water samples by automated on-line SPE-LC-DAD-FD. <i>Chromatographia</i> , 1998, 47, 596-600.	1.3	8
319	Effect of flow rate on the adsorption and desorption of glyphosate, simazine and atrazine in columns of sandy soils. <i>European Journal of Soil Science</i> , 1998, 49, 149-156.	3.9	40
320	Experimental Approach for Pesticide Mobility Studies in the Unsaturated Zone. <i>International Journal of Environmental Analytical Chemistry</i> , 1998, 71, 87-103.	3.3	11
321	Coupled-Column Liquid Chromatography Applied to the Trace-Level Determination of Triazine Herbicides and Some of Their Metabolites in Water Samples. <i>Analytical Chemistry</i> , 1998, 70, 3322-3328.	6.5	81
322	Sample Clean-Up and Fractionation of Organophosphorus Pesticide Residues in Mussels Using Normal-Phase LC. <i>International Journal of Environmental Analytical Chemistry</i> , 1998, 70, 3-18.	3.3	4
323	An assessment of heavy metals and boron contamination in workplace atmospheres from ceramic factories. <i>Science of the Total Environment</i> , 1997, 201, 225-234.	8.0	13
324	Direct determination of bromacil and diuron residues in environmental water samples by coupled-column liquid chromatography and large-volume injection. <i>Journal of Chromatography A</i> , 1997, 761, 322-326.	3.7	21

#	ARTICLE	IF	CITATIONS
325	Determination of triazine herbicides by capillary gas chromatography with large-volume on-column injection. <i>Chromatographia</i> , 1997, 44, 274-278.	1.3	21
326	Bioconcentration of Chlorpyrifos, Chlorfenvinphos, and Methidathion in <i>Mytilus galloprovincialis</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1997, 59, 968-975.	2.7	35
327	Bioconcentration and Depuration of Chlorpyrifos in the Marine Mollusc <i>Mytilus edulis</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 1997, 33, 47-52.	4.1	22
328	Automated sample clean-up and fractionation of chlorpyrifos, chlorpyrifos-methyl and metabolites in mussels using normal-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 778, 151-160.	3.7	29
329	New method for the rapid determination of triazine herbicides and some of their main metabolites in water by using coupled-column liquid chromatography and large volume injection. <i>Journal of Chromatography A</i> , 1997, 778, 171-181.	3.7	27
330	Trace determination of triazine herbicides by means of coupled-column liquid chromatography and large volume injection. <i>Analytica Chimica Acta</i> , 1997, 338, 223-229.	5.4	45
331	Microextraction procedures combined with large volume injection in capillary gas chromatography for the determination of pesticide residues in environmental aqueous samples. <i>Analytica Chimica Acta</i> , 1997, 356, 125-133.	5.4	32
332	Comparison of Cleanup Techniques for Simple Method for Analysis of Selected Organophosphorus Pesticide Residues in Molluscs. <i>Journal of AOAC INTERNATIONAL</i> , 1996, 79, 123-131.	1.5	7
333	Rapid Determination of Glyphosate Residues and Its Main Metabolite Ampa in Soil Samples by Liquid Chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 1996, 62, 53-63.	3.3	38
334	Gas and liquid chromatography and enzyme linked immuno sorbent assay in pesticide monitoring of surface water from the western mediterranean (Comunidad Valenciana, Spain). <i>Chromatographia</i> , 1996, 42, 151-158.	1.3	39
335	Application of the Azomethine-H method to the determination of boron in workplace atmospheres from ceramic factories. <i>Fresenius' Journal of Analytical Chemistry</i> , 1996, 356, 103-106.	1.5	5
336	Rapid determination of glufosinate, glyphosate and aminomethylphosphonic acid in environmental water samples using precolumn fluorogenic labeling and coupled-column liquid chromatography. <i>Journal of Chromatography A</i> , 1996, 737, 75-83.	3.7	102
337	Adsorption of atrazine, simazine, and glyphosate in soils of the Gngangara Mound, Western Australia. <i>Soil Research</i> , 1996, 34, 599.	1.1	93
338	Toxicity and bioconcentration of selected organophosphorus pesticides in <i>Mytilus galloprovincialis</i> and <i>Venus gallina</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 1995, 29, 284-290.	4.1	32
339	Study of Sorption Processes of Selected Pesticides on Soils and Ceramic Porous Cups used For Soil Solution Sampling. <i>International Journal of Environmental Analytical Chemistry</i> , 1995, 58, 287-303.	3.3	18
340	Distribution of organochlorines, polycyclic aromatic hydrocarbons, phosphorus and ¹³⁷ Cs in sediment profiles from Ellen Brook in Western Australia. <i>Marine and Freshwater Research</i> , 1995, 46, 843.	1.3	10
341	Rapid determination of glufosinate in environmental water samples using 9-fluorenylmethoxycarbonyl precolumn derivatization, large-volume injection and coupled-column liquid chromatography. <i>Journal of Chromatography A</i> , 1994, 678, 59-67.	3.7	48
342	Trends in the bio availability of heavy metals and variations of fish catches in the western Mediterranean sea (Castellon coast, Spain). <i>Toxicological and Environmental Chemistry</i> , 1994, 42, 215-226.	1.2	2

#	ARTICLE	IF	CITATIONS
343	Levels of heavy metals in some marine organisms from the western Mediterranean area (Spain). <i>Marine Pollution Bulletin</i> , 1994, 28, 50-53.	5.0	60
344	Rapid method for the determination of eight chlorophenoxy acid residues in environmental water samples using off-line solid-phase extraction and on-line selective precolumn switching. <i>Analytica Chimica Acta</i> , 1993, 283, 287-296.	5.4	31
345	Solid-phase extraction of pesticide residues from ground water: comparison between extraction cartridges and extraction discs. <i>Analytica Chimica Acta</i> , 1993, 283, 297-303.	5.4	56
346	Multi-residue procedure for the analysis of pesticides in groundwater: Application to samples from the comunidad Valenciana, Spain. <i>Chromatographia</i> , 1993, 37, 303-312.	1.3	36
347	Analytical study on the determination of boron in environmental water samples. <i>Fresenius' Journal of Analytical Chemistry</i> , 1993, 346, 984-987.	1.5	55
348	Analysis of several pesticides along the unsaturated zone in an experimental citrus grove of Castellon (Spain). <i>Science of the Total Environment</i> , 1993, 132, 243-257.	8.0	8
349	Study of multi-residue methods for the determination of selected pesticides in groundwater. <i>Science of the Total Environment</i> , 1993, 132, 297-312.	8.0	29
350	Biomonitoring of heavy metal distribution in the Western Mediterranean area of Spain. <i>Marine Pollution Bulletin</i> , 1992, 24, 512-515.	5.0	6
351	Development of a multiresidue method for nitrogen-containing pesticides. <i>Fresenius' Journal of Analytical Chemistry</i> , 1991, 339, 357-364.	1.5	13
352	A comparative study of different multiresidue methods for the determination of pesticides in fruit samples by gas chromatography. <i>Chromatographia</i> , 1990, 29, 459-466.	1.3	24
353	Determination of lead in treated crayfish <i>Procambarus clarkii</i> : Accumulation in different tissues. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1988, 41, 412-418.	2.7	33
354	Organochlorine pesticides in marine organisms from the Castellón and Valencia coasts of Spain. <i>Marine Pollution Bulletin</i> , 1988, 19, 235-238.	5.0	18
355	Kinetic-fluorimetric study of the activator effect of zirconium(IV) on the air oxidation of morin catalysed by manganese(II). <i>Analyst, The</i> , 1988, 113, 437-442.	3.5	2
356	Alkaline Degradation of Halogenated Pesticides and PCBs on Precolumn and Microreactor by Gas Chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 1987, 30, 265-274.	3.3	4
357	Study of the fluorescence of the lead-morin system in the presence of non-ionic surfactants. <i>Analyst, The</i> , 1986, 111, 235.	3.5	18
358	Kinetic-fluorimetric study of the catalytic effect of manganese(II) on the air oxidation of morin. <i>Analyst, The</i> , 1986, 111, 1325-1330.	3.5	9
359	Spectrophotometric study of the iron(III)-morin complex in a micellar medium. <i>Analyst, The</i> , 1986, 111, 1045-1049.	3.5	9
360	Enhancement of the fluorescence of the zinc-morin complex by a non-ionic surfactant. <i>Talanta</i> , 1986, 33, 537-540.	5.5	17

#	ARTICLE	IF	CITATIONS
361	Determination of mercury, cadmium, chromium and lead in marine organisms by flameless atomic absorption spectrophotometry. <i>Marine Pollution Bulletin</i> , 1986, 17, 41-44.	5.0	28
362	Cadmium accumulation in the crayfish, <i>Procambarus clarkii</i> , using graphite furnace atomic absorption spectroscopy. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 37, 722-729.	2.7	27
363	Gas chromatographic determination of organochlorine pesticides; contamination of dicofol, fenoxon, and tetradifon in fish and natural waters of a wet area beside the Mediterranean sea. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 36, 211-218.	2.7	11
364	Determination of chromium in treated crayfish, <i>Procambarus clarkii</i> , by Electrothermal AAS: Study of chromium accumulation in different tissues. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 36, 851-857.	2.7	10
365	Kinetic-fluorimetric determination of copper(II), based on its catalytic effect on the oxidation of morin with hydrogen peroxide. <i>Analyst, The</i> , 1985, 110, 1457-1461.	3.5	6
366	Fluorimetric determination of aluminium with morin after extraction with isobutyl methyl ketone. Part II. Extraction-fluorimetric determination of aluminium in natural and waste waters. <i>Analyst, The</i> , 1985, 110, 287.	3.5	14
367	Fluorimetric determination of aluminium with morin after extraction with isobutyl methyl ketone. Part I. Fluorescence of the aluminium-morin complex in an isobutyl methyl ketone-ethanol-water system. <i>Analyst, The</i> , 1984, 109, 1585.	3.5	35
368	Increase in the sensitivity of the fluorescent reaction of the complexing of aluminium with morin using surfactant agents. <i>Analyst, The</i> , 1983, 108, 1386.	3.5	40