

Yolanda Pico

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6962513/yolanda-pico-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

335
papers

16,140
citations

72
h-index

107
g-index

351
ext. papers

17,989
ext. citations

6.1
avg, IF

7.34
L-index

#	Paper	IF	Citations
335	Suspected-screening assessment of the occurrence of organic compounds in sewage sludge.. <i>Journal of Environmental Management</i> , 2022 , 308, 114587	7.9	0
334	Micro(Nano)plastic analysis: a green and sustainable perspective. <i>Journal of Hazardous Materials Advances</i> , 2022 , 6, 100058		1
333	Identifying Emerging Pollutants Using Non-target or Wide-Screening Liquid Chromatography-Mass Spectrometry. <i>Handbook of Environmental Chemistry</i> , 2022 , 1	0.8	
332	Perfluorinated Substances 2022 , 187-222		
331	Mass Spectrometry in Wastewater-Based Epidemiology for the Determination of Small and Large Molecules as Biomarkers of Exposure: Toward a Global View of Environment and Human Health under the COVID-19 Outbreak. <i>ACS Omega</i> , 2021 , 6, 30865-30872	3.9	2
330	Postflood Monitoring in a Subtropical Estuary and Benchmarking with PFASs Allows Measurement of Chemical Persistence on the Scale of Months. <i>Environmental Science & Technology</i> , 2021 , 55, 14607-14616	10.3	16
329	Identification of biomarkers in wastewater-based epidemiology: Main approaches and analytical methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 145, 116465	14.6	0
328	Wastewater-based epidemiology, a tool to bridge biomarkers of exposure, contaminants, and human health. <i>Current Opinion in Environmental Science and Health</i> , 2021 , 20, 100229	8.1	7
327	Development of multi-residue extraction procedures using QuEChERS and liquid chromatography tandem mass spectrometry for the determination of different types of organic pollutants in mussel. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 4063-4076	4.4	6
326	The embodiment of wastewater data for the estimation of illicit drug consumption in Spain. <i>Science of the Total Environment</i> , 2021 , 772, 144794	10.2	7
325	Dataset of pharmaceuticals and personal care products in a Mediterranean coastal wetland. <i>Data in Brief</i> , 2021 , 36, 106934	1.2	2
324	Pesticide contamination in water and sediment of the aquatic systems of the Natural Park of the Albufera of Valencia (Spain) during the rice cultivation period. <i>Science of the Total Environment</i> , 2021 , 774, 145009	10.2	9
323	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123272	12.8	15
322	Determination of organic pollutants in by liquid chromatography coupled with tandem mass spectrometry (LC-MS/MS). <i>MethodsX</i> , 2021 , 8, 101342	1.9	0
321	Multi-residue extraction to determine organic pollutants in mussel hemolymph. <i>Journal of Separation Science</i> , 2021 , 44, 1641-1651	3.4	2
320	Pharmaceuticals and personal care products in a Mediterranean coastal wetland: Impact of anthropogenic and spatial factors and environmental risk assessment. <i>Environmental Pollution</i> , 2021 , 271, 116353	9.3	25
319	A reconnaissance study of pharmaceuticals, pesticides, perfluoroalkyl substances and organophosphorus flame retardants in the aquatic environment, wild plants and vegetables of two Saudi Arabia urban areas: Environmental and human health risk assessment. <i>Science of the Total Environment</i> , 2021 , 776, 145843	10.2	14

318	Uptake prediction of nine heavy metals by <i>Eichhornia crassipes</i> grown in irrigation canals: A biomonitoring approach. <i>Science of the Total Environment</i> , 2021 , 782, 146887	10.2	11
317	First evidence of microplastics occurrence in mixed surface and treated wastewater from two major Saudi Arabian cities and assessment of their ecological risk. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125747	12.8	9
316	Application of a Low Transition Temperature Mixture for the Dispersive Liquid-Liquid Microextraction of Illicit Drugs from Urine Samples. <i>Molecules</i> , 2021 , 26,	4.8	2
315	Prediction models based on soil properties for evaluating the uptake of eight heavy metals by tomato plant (<i>Lycopersicon esculentum</i> Mill.) grown in agricultural soils amended with sewage sludge. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105977	6.8	7
314	Analysis of microplastics and nanoplastics: How green are the methodologies used?. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021 , 31, 100503	7.9	8
313	Bioaccumulation of emerging contaminants in mussel (<i>Mytilus galloprovincialis</i>): Influence of microplastics. <i>Science of the Total Environment</i> , 2021 , 796, 149006	10.2	6
312	Ecotoxicological Effects of Ibuprofen on Plant Growth of L. <i>Plants</i> , 2020 , 9,	4.5	6
311	Dataset of pesticides, pharmaceuticals and personal care products occurrence in wetlands of Saudi Arabia. <i>Data in Brief</i> , 2020 , 31, 105776	1.2	7
310	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020 , 741, 140384	10.2	12
309	Case studies of macro- and microplastics pollution in coastal waters and rivers: Is there a solution with new removal technologies and policy actions?. <i>Case Studies in Chemical and Environmental Engineering</i> , 2020 , 2, 100019	7.5	16
308	Emerging contaminants and toxins 2020 , 729-758		1
307	Pyrolysis gas chromatography-mass spectrometry in environmental analysis: Focus on organic matter and microplastics. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 130, 115964	14.6	48
306	Biomonitoring potential of the native aquatic plant <i>Typha domingensis</i> by predicting trace metals accumulation in the Egyptian Lake Burullus. <i>Science of the Total Environment</i> , 2020 , 714, 136603	10.2	16
305	Analysis of emerging and related pollutants in aquatic biota. <i>Trends in Environmental Analytical Chemistry</i> , 2020 , 25, e00082	12	25
304	Total Sugar Intake and Macro and Micronutrients in Children Aged 6-8 Years: The ANIVA Study. <i>Nutrients</i> , 2020 , 12,	6.7	2
303	Systematic assessment of extraction of pharmaceuticals and personal care products in water and sediment followed by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 113-127	4.4	12
302	How recent innovations in gas chromatography-mass spectrometry have improved pesticide residue determination: An alternative technique to be in your radar. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 122, 115720	14.6	34
301	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	4.6	88

300	Pharmaceuticals, pesticides, personal care products and microplastics contamination assessment of Al-Hassa irrigation network (Saudi Arabia) and its shallow lakes. <i>Science of the Total Environment</i> , 2020 , 701, 135021	10.2	68
299	IPM-recommended insecticides harm beneficial insects through contaminated honeydew. <i>Environmental Pollution</i> , 2020 , 267, 115581	9.3	6
298	Chromatography-mass spectrometry: Recent evolution and current trends in environmental science. <i>Current Opinion in Environmental Science and Health</i> , 2020 , 18, 47-53	8.1	8
297	Carbamazepine exposure in the sea anemones <i>Anemonia sulcata</i> and <i>Actinia equina</i> : Metabolite identification and physiological responses. <i>Science of the Total Environment</i> , 2020 , 744, 140891	10.2	4
296	Sample Preparation to Determine Pharmaceutical and Personal Care Products in an All-Water Matrix: Solid Phase Extraction. <i>Molecules</i> , 2020 , 25,	4.8	17
295	Assessing alcohol consumption through wastewater-based epidemiology: Spain as a case study. <i>Drug and Alcohol Dependence</i> , 2020 , 215, 108241	4.9	12
294	Multi-residue determination of organic micro-pollutants in river sediment by stir-disc solid phase extraction based on oxidized buckypaper. <i>Journal of Chromatography A</i> , 2020 , 1621, 461080	4.5	5
293	Microplastics in the global aquatic environment: Analysis, effects, remediation and policy solutions. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103421	6.8	28
292	Direct analysis in real-time high-resolution mass spectrometry as a valuable tool for polyphenols profiling in olive oil. <i>Analytical Methods</i> , 2019 , 11, 472-482	3.2	18
291	Identification of effective parameters for anti-inflammatory concentration in València City's wastewater using fuzzy-set qualitative comparative analysis. <i>Science of the Total Environment</i> , 2019 , 663, 110-124	10.2	4
290	Effect of the conversion of mangroves into shrimp farms on carbon stock in the sediment along the southern Red Sea coast, Saudi Arabia. <i>Environmental Research</i> , 2019 , 176, 108536	7.9	19
289	A two-year monitoring of pesticide hazard in-hive: High honey bee mortality rates during insecticide poisoning episodes in apiaries located near agricultural settings. <i>Chemosphere</i> , 2019 , 232, 471-480	8.4	37
288	Beeswax cleaning by solvent extraction of pesticides. <i>MethodsX</i> , 2019 , 6, 980-985	1.9	4
287	Analysis and Prevention of Microplastics Pollution in Water: Current Perspectives and Future Directions. <i>ACS Omega</i> , 2019 , 4, 6709-6719	3.9	128
286	Occurrence, distribution and behavior of emerging persistent organic pollutants (POPs) in a Mediterranean wetland protected area. <i>Science of the Total Environment</i> , 2019 , 646, 1009-1020	10.2	40
285	Neonicotinoids in excretion product of phloem-feeding insects kill beneficial insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16817-16822	11.5	59
284	Pressurized liquid extraction of organic contaminants in environmental and food samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 709-721	14.6	31
283	Wastewater-based epidemiology: current status and future prospects. <i>Current Opinion in Environmental Science and Health</i> , 2019 , 9, 77-84	8.1	54

282	Suspect, non-target and target screening of emerging pollutants using data independent acquisition: Assessment of a Mediterranean River basin. <i>Science of the Total Environment</i> , 2019 , 687, 355-368	10.2	32
281	Actigraphic Sleep and Dietary Macronutrient Intake in Children Aged 6-9 Years Old: A Pilot Study. <i>Nutrients</i> , 2019 , 11,	6.7	2
280	Sequential window acquisition of all theoretical fragments versus information dependent acquisition for suspected-screening of pharmaceuticals in sediments and mussels by ultra-high pressure liquid chromatography-quadrupole time-of-flight-mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1595, 81-90	4.5	21
279	Nano- and microplastic analysis: Focus on their occurrence in freshwater ecosystems and remediation technologies. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 409-425	14.6	91
278	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. <i>Science of the Total Environment</i> , 2019 , 659, 1186-1198	10.2	54
277	Uptake and accumulation of emerging contaminants in soil and plant treated with wastewater under real-world environmental conditions in the Al Hayer area (Saudi Arabia). <i>Science of the Total Environment</i> , 2019 , 652, 562-572	10.2	53
276	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 46-60	3.8	81
275	Monetary valuation of salicylic acid, methylparaben and THCOOH in a Mediterranean coastal wetland through the shadow prices methodology. <i>Science of the Total Environment</i> , 2018 , 627, 869-879	10.2	8
274	Determination of organophosphate flame retardants in soil and fish using ultrasound-assisted extraction, solid-phase clean-up, and liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018 , 41, 2595-2603	3.4	17
273	Analytical challenges to determine emerging persistent organic pollutants in aquatic ecosystems. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 137-155	14.6	72
272	The Use of Chromatographic Methods Coupled to Mass Spectrometry for the Study of Emerging Pollutants in the Environment. <i>Critical Reviews in Analytical Chemistry</i> , 2018 , 48, 305-316	5.2	24
271	Analysis of ibuprofen and its main metabolites in roots, shoots, and seeds of cowpea (<i>Vigna unguiculata</i> L. Walp) using liquid chromatography-quadrupole time-of-flight mass spectrometry: uptake, metabolism, and translocation. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 1163-1176	4.4	14
270	Distribution of soil organic carbon in Wadi Al-Thulaima, Saudi Arabia: A hyper-arid habitat altered by wastewater reuse. <i>Catena</i> , 2018 , 170, 266-271	5.8	4
269	Target vs non-target analysis to determine pesticide residues in fruits from Saudi Arabia and influence in potential risk associated with exposure. <i>Food and Chemical Toxicology</i> , 2018 , 111, 53-63	4.7	40
268	Pesticide residues in honey bees, pollen and beeswax: Assessing beehive exposure. <i>Environmental Pollution</i> , 2018 , 241, 106-114	9.3	109
267	Polydimethylsiloxane (silicone rubber) brooch as a personal passive air sampler for semi-volatile organic compounds. <i>Chemosphere</i> , 2018 , 208, 1002-1007	8.4	23
266	Safety Assessment and Migration Tests 2018 , 249-275		
265	Estimating population size in wastewater-based epidemiology. Valencia metropolitan area as a case study. <i>Journal of Hazardous Materials</i> , 2017 , 323, 156-165	12.8	52

264	Analysis of cannabinoids by liquid chromatography-mass spectrometry in milk, liver and hemp seed to ensure food safety. <i>Food Chemistry</i> , 2017 , 228, 177-185	8.5	19
263	Organic Foods 2017 , 431-451		1
262	Effect of methylparaben in <i>Artemia franciscana</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017 , 199, 98-105	3.2	13
261	Simultaneous determination of pyrethroids and pyrethrins by dispersive liquid-liquid microextraction and liquid chromatography triple quadrupole mass spectrometry in environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 4787-4799	4.4	23
260	Comparison of green sample preparation techniques in the analysis of pyrethrins and pyrethroids in baby food by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1497, 28-37	4.5	33
259	Pressurized Liquid Extraction of Organic Contaminants in Environmental and Food Samples. <i>Comprehensive Analytical Chemistry</i> , 2017 , 76, 83-110	1.9	7
258	Multi-residue determination of 47 organic compounds in water, soil, sediment and fish-Turia River as case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 146, 117-125	3.5	51
257	Analysis of emerging contaminants and nanomaterials in plant materials following uptake from soils. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 94, 173-189	14.6	30
256	Assessing drugs of abuse distribution in Turia River based on geographic information system and liquid chromatography mass spectrometry. <i>Science of the Total Environment</i> , 2017 , 609, 360-369	10.2	9
255	Pesticide occurrence in the waters of Júcar River, Spain from different farming landscapes. <i>Science of the Total Environment</i> , 2017 , 607-608, 752-760	10.2	37
254	Enantioselective transformation of fluoxetine in water and its ecotoxicological relevance. <i>Scientific Reports</i> , 2017 , 7, 15777	4.9	37
253	Pesticide analysis in coffee leaves using a quick, easy, cheap, effective, rugged and safe approach and liquid chromatography tandem mass spectrometry: Optimization of the clean-up step. <i>Journal of Chromatography A</i> , 2017 , 1512, 98-106	4.5	25
252	Gas Chromatography and Mass Spectroscopy Techniques for the Detection of Chemical Contaminants and Residues in Foods 2017 , 15-50		6
251	Emerging contaminants related to the occurrence of forest fires in the Spanish Mediterranean. <i>Science of the Total Environment</i> , 2017 , 603-604, 330-339	10.2	15
250	Liquid chromatography-mass spectrometry as a tool for wastewater-based epidemiology: Assessing new psychoactive substances and other human biomarkers. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 94, 21-38	14.6	29
249	Occurrence of pesticide residues in Spanish beeswax. <i>Science of the Total Environment</i> , 2017 , 605-606, 745-754	10.2	48
248	Pesticides (New Generation) and Related Compounds, Analysis of 2017 , 1-59		
247	Dietary Calcium Intake and Adherence to the Mediterranean Diet in Spanish Children: The ANIVA Study. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	12

246	Presence of pharmaceuticals and heavy metals in the waters of a Mediterranean coastal wetland: Potential interactions and the influence of the environment. <i>Science of the Total Environment</i> , 2016 , 540, 278-86	10.2	63
245	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. <i>Science of the Total Environment</i> , 2016 , 540, 297-306	10.2	78
244	Determination of pesticides and veterinary drug residues in food by liquid chromatography-mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2016 , 936, 40-61	6.6	186
243	Analysis of psychoactive substances in water by information dependent acquisition on a hybrid quadrupole time-of-flight mass spectrometer. <i>Journal of Chromatography A</i> , 2016 , 1461, 98-106	4.5	25
242	Challenges in the determination of engineered nanomaterials in foods. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 84, 149-159	14.6	35
241	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. <i>Environmental Pollution</i> , 2016 , 210, 303-14	9.3	47
240	Efficiency of QuEChERS approach for determining 52 pesticide residues in honey and honey bees. <i>MethodsX</i> , 2016 , 3, 452-8	1.9	45
239	Estimation of alcohol consumption during "Fallas" festivity in the wastewater of Valencia city (Spain) using ethyl sulfate as a biomarker. <i>Science of the Total Environment</i> , 2016 , 541, 616-622	10.2	31
238	Pesticides in the Ebro River basin: Occurrence and risk assessment. <i>Environmental Pollution</i> , 2016 , 211, 414-24	9.3	210
237	Volatile dimethylsiloxanes in market seafood and freshwater fish from the Xúquer River, Spain. <i>Science of the Total Environment</i> , 2016 , 545-546, 236-43	10.2	14
236	Treatments for post-menopausal osteoporotic women, what's new? How can we manage long-term treatment?. <i>European Journal of Pharmacology</i> , 2016 , 779, 8-21	5.3	12
235	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). <i>Science of the Total Environment</i> , 2016 , 540, 191-9	10.2	47
234	Spatio-temporal patterns of pesticide residues in the Turia and Júcar Rivers (Spain). <i>Science of the Total Environment</i> , 2016 , 540, 200-10	10.2	105
233	Influence of pesticide use in fruit orchards during blooming on honeybee mortality in 4 experimental apiaries. <i>Science of the Total Environment</i> , 2016 , 541, 33-41	10.2	44
232	Pesticides and Herbicides: Residue Determination 2016 , 311-318		
231	Nutrient Intake and Depression Symptoms in Spanish Children: The ANIVA Study. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	33
230	Multiple-stressor effects on river biofilms under different hydrological conditions. <i>Freshwater Biology</i> , 2016 , 61, 2102-2115	3.1	34
229	Can a healthy life prevent us from post-menopausal osteoporosis? Myths and truths. <i>PharmaNutrition</i> , 2016 , 4, 45-53	2.9	2

228	Universal method to determine acidic licit and illicit drugs and personal care products in water by liquid chromatography quadrupole time-of-flight. <i>MethodsX</i> , 2016 , 3, 307-14	1.9	6
227	Analysis of the presence of perfluoroalkyl substances in water, sediment and biota of the Júcar River (E Spain). Sources, partitioning and relationships with water physical characteristics. <i>Environmental Research</i> , 2016 , 147, 503-12	7.9	62
226	Ultra-high-pressure liquid chromatography tandem mass spectrometry method for the determination of 9 organophosphate flame retardants in water samples. <i>MethodsX</i> , 2016 , 3, 343-9	1.9	10
225	Perfluoroalkyl substances in Breast milk, infant formula and baby food from Valencian Community (Spain). <i>Environmental Nanotechnology, Monitoring and Management</i> , 2016 , 6, 108-115	3.3	10
224	Advanced Mass Spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2015 , 68, 77-129	1.9	4
223	Pressurized liquid extraction of organic contaminants in environmental and food samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 71, 55-64	14.6	73
222	Simultaneous determination of traditional and emerging illicit drugs in sediments, sludges and particulate matter. <i>Journal of Chromatography A</i> , 2015 , 1405, 103-15	4.5	28
221	Emerging Contaminants. <i>Comprehensive Analytical Chemistry</i> , 2015 , 68, 515-578	1.9	8
220	Optimization and comparison of several extraction methods for determining perfluoroalkyl substances in abiotic environmental solid matrices using liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 5767-81	4.4	16
219	Assessment of two extraction methods to determine pesticides in soils, sediments and sludges. Application to the Tñia River Basin. <i>Journal of Chromatography A</i> , 2015 , 1378, 19-31	4.5	90
218	Transcriptomic, biochemical and individual markers in transplanted <i>Daphnia magna</i> to characterize impacts in the field. <i>Science of the Total Environment</i> , 2015 , 503-504, 200-12	10.2	12
217	Pesticide monitoring in the basin of Llobregat River (Catalonia, Spain) and comparison with historical data. <i>Science of the Total Environment</i> , 2015 , 503-504, 58-68	10.2	121
216	Perfluoroalkyl substance contamination of the Llobregat River ecosystem (Mediterranean area, NE Spain). <i>Science of the Total Environment</i> , 2015 , 503-504, 48-57	10.2	68
215	Current anthropogenic pressures on agro-ecological protected coastal wetlands. <i>Science of the Total Environment</i> , 2015 , 503-504, 190-9	10.2	19
214	Invertebrate community responses to emerging water pollutants in Iberian river basins. <i>Science of the Total Environment</i> , 2015 , 503-504, 142-50	10.2	27
213	Anthropometric Status and Nutritional Intake in Children (6-9 Years) in Valencia (Spain): The ANIVA Study. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 16082-95	4.6	12
212	Mass Spectrometry in Food Quality and Safety. <i>Comprehensive Analytical Chemistry</i> , 2015 , 3-76	1.9	5
211	Advanced Sample Preparation Techniques for MS Analysis 2015 , 53-89		1

210	Transformation products of emerging contaminants in the environment and high-resolution mass spectrometry: a new horizon. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 6257-73	4.4	77
209	Quantitative profiling of perfluoroalkyl substances by ultrahigh-performance liquid chromatography and hybrid quadrupole time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4247-59	4.4	12
208	Comparison of different removal techniques for selected pharmaceuticals. <i>Journal of Water Process Engineering</i> , 2015 , 5, 48-57	6.7	49
207	High-Performance Liquid Chromatography-Mass Spectrometry as a Method of Identification and Quantification of Pesticides. <i>Chromatographic Science</i> , 2015 , 349-392		1
206	Occurrence of acidic pharmaceuticals and personal care products in Turia River Basin: from waste to drinking water. <i>Science of the Total Environment</i> , 2014 , 484, 53-63	10.2	350
205	Last trends in pesticide residue determination by liquid chromatography-mass spectrometry. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 2, 11-24	12	81
204	Ultra-high performance liquid chromatography-quadrupole time-of-flight mass spectrometry to identify contaminants in water: an insight on environmental forensics. <i>Journal of Chromatography A</i> , 2014 , 1345, 86-97	4.5	63
203	Application of ultra-high pressure liquid chromatography linear ion-trap orbitrap to qualitative and quantitative assessment of pesticide residues. <i>Journal of Chromatography A</i> , 2014 , 1328, 66-79	4.5	96
202	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. <i>Addiction</i> , 2014 , 109, 1338-52	4.6	265
201	Nanosensors and other techniques for detecting nanoparticles in the environment 2014 , 295-338		1
200	Stereoisomeric profiling of drugs of abuse and pharmaceuticals in wastewaters of Valencia (Spain). <i>Science of the Total Environment</i> , 2014 , 494-495, 49-57	10.2	30
199	Occurrence and removal of drugs of abuse in Wastewater Treatment Plants of Valencia (Spain). <i>Environmental Pollution</i> , 2014 , 194, 152-162	9.3	52
198	Distribution and fate of perfluoroalkyl substances in Mediterranean Spanish sewage treatment plants. <i>Science of the Total Environment</i> , 2014 , 472, 912-22	10.2	79
197	Patterns of presence and concentration of pesticides in fish and waters of the Júcar River (Eastern Spain). <i>Journal of Hazardous Materials</i> , 2014 , 265, 271-9	12.8	95
196	Presence and spatial distribution of emerging contaminants (drugs of abuse) in protected agroecological systems (L'Albufera de Valencia Coastal Wetland, Spain). <i>Environmental Earth Sciences</i> , 2014 , 71, 31-37	2.9	10
195	Multiresidue analysis of organic pollutants by in-tube solid phase microextraction coupled to ultra-high performance liquid chromatography-electrospray-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1306, 1-11	4.5	28
194	Advances in the analysis of legal and illegal drugs in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 50, 65-77	14.6	73
193	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, 117-27	6.6	120

192	An environmental forensic procedure to analyse anthropogenic pressures of urban origin on surface water of protected coastal agro-environmental wetlands (L'Albufera de Valencia Natural Park, Spain). <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 214-23	12.8	12
191	Occurrence and removal efficiency of pesticides in sewage treatment plants of four Mediterranean River Basins. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 146-57	12.8	124
190	Screening of currently used pesticides in water, sediments and biota of the Guadalquivir River Basin (Spain). <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 95-104	12.8	167
189	Nanoparticles in Foods, Determination of 2013 ,		2
188	Direct peel monitoring of xenobiotics in fruit by direct analysis in real time coupled to a linear quadrupole ion trap-orbitrap mass spectrometer. <i>Analytical Chemistry</i> , 2013 , 85, 2638-44	7.8	71
187	Ultrasound-assisted extraction for food and environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 43, 84-99	14.6	229
186	Presence of Illicit Drugs in Surface Waters of Protected Natural Wetlands Connected to Traditional Irrigation Systems and Urban Areas 2013 , 277-283		0
185	Analysis of perfluoroalkyl substances in waters from Germany and Spain. <i>Science of the Total Environment</i> , 2012 , 431, 139-50	10.2	98
184	Scientific Opinion on the science behind the guidance for scenario selection and scenario parameterisation for predicting environmental concentrations of plant protection products in soil. <i>EFSA Journal</i> , 2012 , 10, 2562	2.3	20
183	Scientific Opinion on clustering and ranking of emissions of plant protection products from protected crops (greenhouses and crops grown under cover) to relevant environmental compartments. <i>EFSA Journal</i> , 2012 , 10, 2611	2.3	4
182	Guidance on Dermal Absorption. <i>EFSA Journal</i> , 2012 , 10, 2665	2.3	164
181	Guidance on the Use of Probabilistic Methodology for Modelling Dietary Exposure to Pesticide Residues. <i>EFSA Journal</i> , 2012 , 10, 2839	2.3	93
180	Scientific Opinion on the science behind the development of a risk assessment of Plant Protection Products on bees (<i>Apis mellifera</i> , <i>Bombus</i> spp. and solitary bees). <i>EFSA Journal</i> , 2012 , 10, 2668	2.3	115
179	Development of an improved method for trace analysis of quinolones in eggs of laying hens and wildlife species using molecularly imprinted polymers. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11005-14	5.7	31
178	Determination of currently used pesticides in biota. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 2659-81	4.4	37
177	Risk assessment on the presence of pharmaceuticals in sediments, soils and waters of the Pego-Oliva Marshlands (Valencia, eastern Spain). <i>Science of the Total Environment</i> , 2012 , 440, 24-32	10.2	140
176	Gas chromatography and mass spectroscopy techniques for the detection of chemical contaminants and residues in foods 2012 , 17-61		1
175	Comparing illicit drug use in 19 European cities through sewage analysis. <i>Science of the Total Environment</i> , 2012 , 432, 432-9	10.2	353

174	Emerging Contaminants 2012 , 665-691		
173	Nanomaterials in Food, Which Way Forward?. <i>Comprehensive Analytical Chemistry</i> , 2012 , 305-353	1.9	7
172	Low-Intensity Ultrasounds 2012 , 117-144		2
171	Occurrence of perfluorinated compounds in water and sediment of L'Albufera Natural Park (València, Spain). <i>Environmental Science and Pollution Research</i> , 2012 , 19, 946-57	5.1	45
170	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 918-33	5.1	43
169	Spatial distribution of illicit drugs in surface waters of the natural park of Pego-Oliva Marsh (Valencia, Spain). <i>Environmental Science and Pollution Research</i> , 2012 , 19, 971-82	5.1	20
168	Analysis of 18 perfluorinated compounds in river waters: comparison of high performance liquid chromatography-tandem mass spectrometry, ultra-high-performance liquid chromatography-tandem mass spectrometry and capillary liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1244, 88-97	4.5	47
167	Recent Advances in Sample Preparation for Pesticide Analysis 2012 , 569-590		5
166	Perfluorinated Compounds Analysis, Environmental Fate and Occurrence: The Llobregat River as Case Study. <i>Handbook of Environmental Chemistry</i> , 2012 , 193-237	0.8	3
165	Scientific Opinion on Evaluation of the Toxicological Relevance of Pesticide Metabolites for Dietary Risk Assessment. <i>EFSA Journal</i> , 2012 , 10, 2799	2.3	32
164	Perfluorinated compounds in food: a global perspective. <i>Critical Reviews in Food Science and Nutrition</i> , 2011 , 51, 605-25	11.5	73
163	Procedures for Antibiotic Residues in Bovine Muscle Tissues. <i>Journal of AOAC INTERNATIONAL</i> , 2011 , 94, 991-1003	1.7	25
162	Evaluation of carbamazepine uptake and metabolization by Typha spp., a plant with potential use in phytotreatment. <i>Bioresource Technology</i> , 2011 , 102, 7827-34	11	127
161	Analytical characterization of mannosylerythritol lipid biosurfactants produced by biosynthesis based on feedstock sources from the agrofood industry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1263-75	4.4	26
160	Assessment of the occurrence and distribution of pharmaceuticals in a Mediterranean wetland (L'Albufera, Valencia, Spain) by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1287-301	4.4	71
159	Analysis of perfluorinated compounds in sewage sludge by pressurized solvent extraction followed by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 4840-6	4.5	63
158	Analysis of insecticides in honey by liquid chromatography-ion trap-mass spectrometry: comparison of different extraction procedures. <i>Journal of Chromatography A</i> , 2011 , 1218, 4892-901	4.5	68
157	Determining nanomaterials in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 84-99	14.6	108

156	Guidance for evaluating laboratory and field dissipation studies to obtain DegT50 values of plant protection products in soil. <i>EFSA Journal</i> , 2010 , 8, 1936	2.3	17
155	Infant exposure of perfluorinated compounds: levels in breast milk and commercial baby food. <i>Environment International</i> , 2010 , 36, 584-92	12.9	96
154	Profiling of compounds and degradation products from the postharvest treatment of pears and apples by ultra-high pressure liquid chromatography quadrupole-time-of-flight mass spectrometry. <i>Talanta</i> , 2010 , 81, 281-93	6.2	39
153	Scientific Opinion on Preparation of a Guidance Document on Pesticide Exposure Assessment for Workers, Operators, Bystanders and Residents. <i>EFSA Journal</i> , 2010 , 8, 1501	2.3	20
152	Scientific Opinion on emissions of plant protection products from greenhouses and crops grown under cover: outline for a new guidance. <i>EFSA Journal</i> , 2010 , 8, 1567	2.3	10
151	Scientific Opinion on the importance of the soil litter layer in agricultural areas. <i>EFSA Journal</i> , 2010 , 8, 1625	2.3	4
150	Scientific Opinion on the development of specific protection goal options for environmental risk assessment of pesticides, in particular in relation to the revision of the Guidance Documents on Aquatic and Terrestrial Ecotoxicology (SANCO/3268/2001 and SA. <i>EFSA Journal</i> , 2010 , 8, 1821	2.3	129
149	Scientific Opinion on the development of a soil ecoregions concept using distribution data on invertebrates. <i>EFSA Journal</i> , 2010 , 8, 1820	2.3	8
148	SPE and LC-MS/MS determination of 14 illicit drugs in surface waters from the Natural Park of L'Albufera (València, Spain). <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2851-64	4.4	72
147	Study of the performance of three LC-MS/MS platforms for analysis of perfluorinated compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 1145-59	4.4	22
146	Sample preparation methods for the determination of pesticides in foods using CE-UV/MS. <i>Electrophoresis</i> , 2010 , 31, 2115-25	3.6	43
145	Determination of benzoylurea insecticides in food by pressurized liquid extraction and LC-MS. <i>Journal of Separation Science</i> , 2010 , 33, 1-10	3.4	102
144	Liquid chromatography-mass spectrometry in food safety. <i>Journal of Chromatography A</i> , 2010 , 1217, 4018-40	4.5	245
143	Determination of pharmaceuticals in soils and sediments by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 2471-83	4.5	156
142	Pressurised liquid extraction and capillary electrophoresis mass spectrometry for the analysis of pesticide residues in fruits from Valencian markets, Spain. <i>Food Chemistry</i> , 2010 , 120, 1242-1249	8.5	39
141	Analytical method for simultaneous determination of pesticide and veterinary drug residues in milk by CE-MS. <i>Electrophoresis</i> , 2009 , 30, 1698-707	3.6	28
140	To address accuracy and precision using methods from analytical chemistry and computational physics. <i>Environmental Monitoring and Assessment</i> , 2009 , 151, 59-75	3.1	4
139	Pesticide residue determination in surface waters by stir bar sorptive extraction and liquid chromatography/tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1733-43	4.4	70

138	Determination of tetracycline residues in soil by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 394, 1329-39	4.4	64
137	Determination of tetracyclines in multi-specie animal tissues by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2009 , 116, 1005-1012	8.5	146
136	Prospects for combining chemical and biological methods for integrated environmental assessment. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 745-757	14.6	91
135	Determination of amitraz and its transformation products in pears by ethyl acetate extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 3138-46	4.5	23
134	Development and validation of a pressurized liquid extraction liquid chromatography-tandem mass spectrometry method for perfluorinated compounds determination in fish. <i>Journal of Chromatography A</i> , 2009 , 1216, 7195-204	4.5	80
133	Nanoelectrospray with ion-trap mass spectrometry for the determination of beta-casomorphins in derived milk products. <i>Talanta</i> , 2009 , 80, 294-306	6.2	17
132	Dietary administration of high doses of pterostilbene and quercetin to mice is not toxic. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 3180-6	5.7	122
131	Analytical Utility of Quadrupole Time-of-Flight Mass Spectrometry for the Determination of Pesticide Residues in Comparison with an Optimized Column High-Performance Liquid Chromatography/Tandem Mass Spectrometry Method. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 734-744	1.7	22
130	Pressurized Liquid Extraction and Liquid Chromatographic Analysis of Pesticide Residues 2009 , 275-302		
129	Analytical utility of quadrupole time-of-flight mass spectrometry for the determination of pesticide residues in comparison with an optimized column high-performance liquid chromatography/tandem mass spectrometry method. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 734-44	1.7	
128	The Role of the Liquid Chromatography-Mass Spectrometry in Pesticide Residue Determination in Food. <i>Critical Reviews in Analytical Chemistry</i> , 2008 , 38, 93-117	5.2	45
127	Chapter 7 New Approaches in Mass Spectrometry. <i>Comprehensive Analytical Chemistry</i> , 2008 , 201-230	1.9	1
126	Solid-phase microextraction-liquid chromatography-mass spectrometry applied to the analysis of insecticides in honey. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008 , 25, 59-69	3.2	19
125	Application of capillary electrophoresis-mass spectrometry for determining organic food contaminants and residues. <i>Electrophoresis</i> , 2008 , 29, 2059-78	3.6	45
124	Multi-class determination of antimicrobials in meat by pressurized liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1209, 162-73	4.5	119
123	The expanding role of LC-MS in analyzing metabolites and degradation products of food contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 821-835	14.6	101
122	Rapid and sensitive ultra-high-pressure liquid chromatography-quadrupole time-of-flight mass spectrometry for the quantification of amitraz and identification of its degradation products in fruits. <i>Journal of Chromatography A</i> , 2008 , 1203, 36-46	4.5	39
121	APPLICATION OF REAL-TIME POLYMERASE CHAIN REACTION FOR RAPID DETERMINATION OF SALMONELLA IN RESTAURANT FOODS. <i>Journal of Rapid Methods and Automation in Microbiology</i> , 2008 , 16, 299-307		1

120	Confirmation of fenthion metabolites in oranges by IT-MS and QqTOF-MS. <i>Analytical Chemistry</i> , 2007 , 79, 9350-63	7.8	57
119	Liquid chromatography quadrupole time-of-flight mass spectrometry analysis of carbosulfan, carbofuran, 3-hydroxycarbofuran, and other metabolites in food. <i>Analytical Chemistry</i> , 2007 , 79, 1492-501	7.8	65
118	CAPILLARY ELECTROPHORESIS Crop-Protecting Agents 2007 , 1-12		
117	Simultaneous determination of different classes of antibiotics in fish and livestock by CE-MS. <i>Electrophoresis</i> , 2007 , 28, 4180-91	3.6	58
116	Recent trends in liquid chromatography-tandem mass spectrometry to determine pesticides and their metabolites in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 103-115	14.6	109
115	Analytical strategies to determine quinolone residues in food and the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 534-556	14.6	184
114	Progress in analysis of residual antibacterials in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 895-918	14.6	108
113	On-line preconcentration strategies for analyzing pesticides in fruits and vegetables by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2007 , 1153, 104-13	4.5	33
112	Analysis of carbamate and phenylurea pesticide residues in fruit juices by solid-phase microextraction and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1147, 135-43	4.5	142
111	Capabilities of different liquid chromatography tandem mass spectrometry systems in determining pesticide residues in food. Application to estimate their daily intake. <i>Journal of Chromatography A</i> , 2007 , 1157, 73-84	4.5	62
110	Identification of unknown pesticides in fruits using ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry. Imazalil as a case study of quantification. <i>Journal of Chromatography A</i> , 2007 , 1176, 123-34	4.5	71
109	Pressurized liquid extraction combined with capillary electrophoresis-mass spectrometry as an improved methodology for the determination of sulfonamide residues in meat. <i>Journal of Chromatography A</i> , 2007 , 1159, 233-41	4.5	99
108	Current trends in solid-phase-based extraction techniques for the determination of pesticides in food and environment. <i>Journal of Proteomics</i> , 2007 , 70, 117-31		179
107	Quantitative determination of octylphenol, nonylphenol, alkylphenol ethoxylates and alcohol ethoxylates by pressurized liquid extraction and liquid chromatography-mass spectrometry in soils treated with sewage sludges. <i>Science of the Total Environment</i> , 2007 , 378, 124-9	10.2	81
106	Fluoroquinolones in soil--risks and challenges. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 1287-99	4.4	257
105	Evaluation of pesticide residue in grape juices and the effect of natural antioxidants on their degradation rate. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 1805-14	4.4	39
104	Determination of 2-isopropyl thioxanthone and 2-ethylhexyl-4-dimethylaminobenzoate in milk: comparison of gas and liquid chromatography with mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 605-17	4.4	35
103	Liquid chromatography-mass spectrometry 2007 , 509-559		3

102	Quantification of <i>Listeria monocytogenes</i> in salads by real time quantitative PCR. <i>International Journal of Food Microbiology</i> , 2006 , 107, 202-6	5.8	61
101	Determination of quinolone residues in chicken and fish by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2006 , 27, 2240-9	3.6	81
100	Control of pesticide residues by liquid chromatography-mass spectrometry to ensure food safety. <i>Mass Spectrometry Reviews</i> , 2006 , 25, 917-60	11	122
99	Analysis of Fungicides in Fruits and Vegetables by Capillary Electrophoresis-Mass Spectrometry 2006 , 297-309		
98	Short-term oral toxicity of quercetin and pterostibene in Swiss mice. <i>Toxicology Letters</i> , 2006 , 164, S275-S276	11	
97	Determination of isopropyl thioxanthone (ITX) in fruit juices by pressurized liquid extraction and liquid chromatography-mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 7947-52	5.7	47
96	Evaluation of 10 pesticide residues in oranges and tangerines from Valencia (Spain). <i>Food Control</i> , 2006 , 17, 841-846	6.2	58
95	Application of matrix solid phase dispersion to the determination of imidacloprid, carbaryl, aldicarb, and their main metabolites in honeybees by liquid chromatography-mass spectrometry detection. <i>Talanta</i> , 2006 , 69, 724-9	6.2	65
94	Real-time quantitative PCR of <i>Staphylococcus aureus</i> and application in restaurant meals. <i>Journal of Food Protection</i> , 2006 , 69, 106-11	2.5	6
93	Comparison of four mass analyzers for determining carbosulfan and its metabolites in citrus by liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2151-64	2.2	57
92	Optimization of LC-MS/MS using triple quadrupole mass analyzer for the simultaneous analysis of carbosulfan and its main metabolites in oranges. <i>Analytica Chimica Acta</i> , 2006 , 571, 1-11	6.6	34
91	Determination of carbosulfan and its metabolites in oranges by liquid chromatography ion-trap triple-stage mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1109, 228-41	4.5	40
90	Liquid Chromatography-Ion Trap-Mass Spectrometry and its Application to Determine Organic Contaminants in the Environment and Food. <i>Current Analytical Chemistry</i> , 2005 , 1, 241-265	1.7	18
89	Determination of microcystins in biological samples by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2005 , 1073, 257-62	4.5	26
88	Comparison of liquid chromatography using triple quadrupole and quadrupole ion trap mass analyzers to determine pesticide residues in oranges. <i>Journal of Chromatography A</i> , 2005 , 1067, 115-25	4.5	64
87	Routine application using single quadrupole liquid chromatography-mass spectrometry to pesticides analysis in citrus fruits. <i>Journal of Chromatography A</i> , 2005 , 1088, 224-33	4.5	49
86	Determination of microcystins in fish by solvent extraction and liquid chromatography. <i>Journal of Chromatography A</i> , 2005 , 1080, 199-203	4.5	44
85	Analysis of pesticides in fruits by pressurized liquid extraction and liquid chromatography-ion trap-triple stage mass spectrometry. <i>Journal of Chromatography A</i> , 2005 , 1098, 37-43	4.5	81

84	Quantitative analysis of six pesticides in fruits by capillary electrophoresis-electrospray-mass spectrometry. <i>Electrophoresis</i> , 2005 , 26, 1550-61	3.6	45
83	Determination of organic contaminants in food by capillary electrophoresis. <i>Journal of Separation Science</i> , 2005 , 28, 793-812	3.4	39
82	Capillary electrophoresis for analyzing pesticides in fruits and vegetables using solid-phase extraction and stir-bar sorptive extraction. <i>Journal of Chromatography A</i> , 2005 , 1073, 229-36	4.5	87
81	CAPILLARY ELECTROPHORESIS Environmental Applications 2005 , 362-374		
80	Detecting residues of urea and carbamate pesticides 2004 , 314-359		1
79	Determination of dithiocarbamates and metabolites in plants by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1028, 267-76	4.5	87
78	Determination of microcystins in natural blooms and cyanobacterial strain cultures by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 380, 537-44	4.4	35
77	Occurrence and distribution of pesticides in the province of Bologna, Italy, using honeybees as bioindicators. <i>Archives of Environmental Contamination and Toxicology</i> , 2004 , 47, 479-88	3.2	66
76	Environmental and food applications of LC-tandem mass spectrometry in pesticide-residue analysis: an overview. <i>Mass Spectrometry Reviews</i> , 2004 , 23, 45-85	11	226
75	Liquid chromatography-electrospray quadrupole ion-trap mass spectrometry of nine pesticides in fruits. <i>Journal of Chromatography A</i> , 2004 , 1048, 41-9	4.5	6
74	Determination of pesticides and their degradation products in soil: critical review and comparison of methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2004 , 23, 772-789	14.6	219
73	Comparison of solid-phase microextraction and stir bar sorptive extraction for determining six organophosphorus insecticides in honey by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1030, 77-85	4.5	150
72	Multiple-stage mass spectrometric analysis of six pesticides in oranges by liquid chromatography-atmospheric pressure chemical ionization-ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1043, 231-8	4.5	42
71	Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spain. <i>Journal of Chromatography A</i> , 2004 , 1049, 155-160	4.5	10
70	Evaluation of solid-phase extraction and stir-bar sorptive extraction for the determination of fungicide residues at low-microg kg(-1) levels in grapes by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1050, 119-27	4.5	65
69	Determination of linear alkylbenzenesulfonates and their degradation products in soils by liquid chromatography-electrospray-ion trap multiple-stage mass spectrometry. <i>Analytical Chemistry</i> , 2004 , 76, 2878-85	7.8	38
68	Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spain?. <i>Journal of Chromatography A</i> , 2004 , 1049, 155-160	4.5	54
67	Evaluation of solid-phase extraction and stir-bar sorptive extraction for the determination of fungicide residues at low-µgkg levels in grapes by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1050, 119-127	4.5	35

66	Liquid chromatography-electrospray quadrupole ion-trap mass spectrometry of nine pesticides in fruits. <i>Journal of Chromatography A</i> , 2004 , 1048, 41-49	4.5	56
65	Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spain. <i>Journal of Chromatography A</i> , 2004 , 1049, 155-60	4.5	61
64	Off-line solid-phase microextraction and capillary electrophoresis mass spectrometry to determine acidic pesticides in fruits. <i>Analytical Chemistry</i> , 2003 , 75, 452-9	7.8	106
63	Capillary electrophoresis for the determination of pesticide residues. <i>TrAC - Trends in Analytical Chemistry</i> , 2003 , 22, 133-151	14.6	113
62	Solid-phase microextraction liquid chromatography/tandem mass spectrometry to determine postharvest fungicides in fruits. <i>Analytical Chemistry</i> , 2003 , 75, 3606-15	7.8	65
61	Assessment of pesticide residues in honey samples from Portugal and Spain. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 8132-8	5.7	97
60	Analytical methods for pesticide residue determination in bee products. <i>Journal of Food Protection</i> , 2002 , 65, 1502-11	2.5	59
59	Rapid screening of organophosphorus pesticides in honey and bees by liquid chromatography-mass spectrometry. <i>Chromatographia</i> , 2002 , 56, 577-583	2.1	30
58	Application of matrix solid-phase dispersion to the determination of a new generation of fungicides in fruits and vegetables. <i>Journal of Chromatography A</i> , 2002 , 968, 201-9	4.5	60
57	Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2002 , 970, 201-12	4.5	123
56	Simultaneous determination of imidacloprid, carbendazim, methiocarb and hexythiazox in peaches and nectarines by liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2002 , 461, 109-116	6.6	62
55	Analysis of thiabendazole and procymidone in fruits and vegetables by capillary electrophoresis-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2002 , 949, 359-66	4.5	68
54	Determination of fungicide residues in fruits and vegetables by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2002 , 947, 227-35	4.5	90
53	Monitoring of Five Postharvest Fungicides in Fruit and Vegetables by Matrix Solid-Phase Dispersion and Liquid Chromatography/Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 704-711	1.7	22
52	Determination of imidacloprid, metalaxyl, myclobutanil, prothiofos, and thiabendazole in fruits and vegetables by liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 371, 182-9		69
51	Comparison of gas and liquid chromatography coupled to mass spectrometry for the residue analysis of pesticides in oranges. <i>Chromatographia</i> , 2001 , 54, 302-308	2.1	15
50	Analysis of pyridoquinoline derivatives by liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 862-6	2.2	3
49	Determination of urea-derived pesticides in fruits and vegetables by solid-phase preconcentration and capillary electrophoresis. <i>Electrophoresis</i> , 2001 , 22, 2010-6	3.6	30

48	Liquid chromatographic-mass spectrometric determination of post-harvest fungicides in citrus fruits. <i>Journal of Chromatography A</i> , 2001 , 912, 301-10	4.5	67
47	Analysis of post-harvest fungicides by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2001 , 924, 387-96	4.5	53
46	Capillary zone electrophoresis for the determination of thiabendazole, prochloraz and procymidone in grapes. <i>Analyst, The</i> , 2001 , 126, 2134-8	5	13
45	Analysis of organophosphorus pesticides in honeybee by liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 3540-7	5.7	53
44	Pesticide residues in oranges from Valencia (Spain). <i>Food Additives and Contaminants</i> , 2001 , 18, 615-24		28
43	Determination of Five Pesticide Residues in Oranges by Matrix Solid-Phase Dispersion and Liquid Chromatography to Estimate Daily Intake of Consumers. <i>Journal of AOAC INTERNATIONAL</i> , 2001 , 84, 901-909	1.7	27
42	Determination of five pesticide residues in oranges by matrix solid-phase dispersion and liquid chromatography to estimate daily intake of consumers. <i>Journal of AOAC INTERNATIONAL</i> , 2001 , 84, 901-909	1.7	2
41	Liquid chromatography/atmospheric pressure chemical ionization-mass spectrometric analysis of benzoylurea insecticides in citrus fruits. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 572-7	2.2	32
40	Pesticide residue determination in fruit and vegetables by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2000 , 882, 153-73	4.5	131
39	Determination of carbamate residues in fruits and vegetables by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2000 , 871, 43-56	4.5	165
38	Solid-phase extraction of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 2000 , 885, 251-71	4.5	72
37	Determination of abamectin in citrus fruits by liquid chromatography-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2000 , 871, 57-65	4.5	44
36	HERBICIDES Solid-Phase Extraction 2000 , 2991-3005		1
35	Toxicological assessment of recombinant xylanase X(22) in wine. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 1597-602	5.7	5
34	INGENIERÍA GENÉTICA E INDUSTRIA AGROALIMENTARIA: VENTAJAS E INCONVENIENTES GENETIC ENGINEERING AND FOOD INDUSTRY: ADVANTAGES AND INCONVENIENCES EXERCICIO GENÉTICA E INDUSTRIA AGROALIMENTARIA: VENTAJAS E INCONVENIENTES. <i>Ciencia Y Tecnología Alimentaria</i> , 1999 , 2, 143-151		
33	Improving the solid-phase extraction of "quat" pesticides from water samples. Removal of interferences. <i>Journal of Chromatography A</i> , 1998 , 823, 137-46	4.5	19
32	Spatial and temporal trends of paraquat, diquat, and difenzoquat contamination in water from marsh areas of the valencian community (Spain). <i>Archives of Environmental Contamination and Toxicology</i> , 1998 , 35, 377-84	3.2	49
31	LA PROBLEMÁTICA DE LOS RESIDUOS DE PLAGUICIDAS EN PRODUCTOS HORTOFRUTÍCOLAS: SU REFLEJO EN LA COMUNIDAD VALENCIANA. <i>Ciencia Y Tecnología Alimentaria</i> , 1997 , 1, 64-72		

30	Evaluation of Organophosphorus Pesticide Residues in Citrus Fruits from the Valencian Community (Spain). <i>Journal of AOAC INTERNATIONAL</i> , 1997 , 80, 1122-1128	1.7	25
29	Comparison of octadecylsilica and graphitized carbon black as materials for solid-phase extraction of fungicide and insecticide residues from fruit and vegetables. <i>Journal of Chromatography A</i> , 1997 , 778, 127-37	4.5	59
28	On-line determination of bipyridylum herbicides in water by HPLC. <i>Chromatographia</i> , 1997 , 45, 402-407	2.1	35
27	Evaluation of organophosphorus pesticide residues in citrus fruits from the Valencian community (Spain). <i>Journal of AOAC INTERNATIONAL</i> , 1997 , 80, 1122-8	1.7	5
26	Current developments in the analysis of water pollution by polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 1996 , 733, 449-71	4.5	37
25	Influence of organic matter and surfactants on solid-phase extraction of diquat, paraquat and difenzoquat from waters. <i>Journal of Chromatography A</i> , 1996 , 727, 245-252	4.5	42
24	Matrix solid-phase dispersion extraction procedure for multiresidue pesticide analysis in oranges. <i>Journal of Chromatography A</i> , 1996 , 719, 95-103	4.5	58
23	On-line liquid chromatographic trace enrichment and high-performance liquid chromatographic determination of diquat, paraquat and difenzoquat in water. <i>Journal of Chromatography A</i> , 1996 , 728, 325-331	4.5	34
22	Determination of pesticide residues in fruit and vegetables. <i>Journal of Chromatography A</i> , 1996 , 754, 301-31	4.5	172
21	Solid-phase extraction on C18 in the trace determination of selected polychlorinated biphenyls in milk. <i>Journal of Chromatography A</i> , 1995 , 693, 339-46	4.5	15
20	Analysis of pesticide residues in fruit and vegetables by matrix solid phase dispersion (MSPD) and different gas chromatography element-selective detectors. <i>Chromatographia</i> , 1995 , 41, 685-692	2.1	31
19	Analysis of pesticide residues in fruit and vegetables by matrix solid phase dispersion (MSPD) and different gas chromatography element-selective detectors. <i>Chromatographia</i> , 1995 , 41, 685-692	2.1	21
18	Evaluation of the Fate of Aldicarb and Its Metabolites in Oranges. <i>International Journal of Environmental Analytical Chemistry</i> , 1995 , 58, 315-326	1.8	1
17	The effect of urban pollution on lead levels in air of the city of Valencia (Spain). May 1989-October 1990. <i>Science of the Total Environment</i> , 1995 , 162, 111-117	10.2	0
16	Determination of Organochlorine Pesticide Content in Human Milk and Infant Formulas Using Solid Phase Extraction and Capillary Gas Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 1610-1615	5.7	21
15	Determination of Aldicarb, Aldicarb Sulfoxide, and Aldicarb Sulfone in Oranges by Simple Gas-Liquid Chromatography with Nitrogen-Phosphorus Detection. <i>Journal of AOAC INTERNATIONAL</i> , 1994 , 77, 74-78	1.7	2
14	Optimization of Experimental Conditions for the Identification of Pesticide Mixtures on Six GLC Columns. <i>Journal of Chromatographic Science</i> , 1994 , 32, 386-392	1.4	1
13	Solid phase techniques in the extraction of pesticides and related compounds from foods and soils. <i>Journal of Separation Science</i> , 1994 , 6, 331-359		29

12	Comparison of four methods for the determination of polycyclic aromatic hydrocarbons in airborne particulates. <i>Journal of Chromatography A</i> , 1994 , 676, 375-388	4.5	20
11	Monitoring of the pesticide levels in natural waters of the Valencia community (Spain). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1994 , 53, 230-7	2.7	11
10	Drying agents for water-free introduction of desorption solvent into a GC after on-line SPE of aqueous samples. <i>Chromatographia</i> , 1994 , 38, 461-469	2.1	25
9	On-line trace-level enrichment gas chromatography of triazine herbicides, organophosphorus pesticides, and organosulfur compounds from drinking and surface waters. <i>Analyst, The</i> , 1994 , 119, 2025-31	5.31	46
8	Solid-phase extraction in multi-residue pesticide analysis of water. <i>Journal of Chromatography A</i> , 1993 , 642, 135-61	4.5	154
7	Evaluation of a solid-phase extraction system for determining pesticide residues in milk. <i>Journal of Chromatography A</i> , 1993 , 642, 195-204	4.5	25
6	Analysis of Polychlorinated Biphenyls in Aqueous Samples Using C18 Glass Column Extraction. <i>Journal of AOAC INTERNATIONAL</i> , 1992 , 75, 714-719	1.7	10
5	Determination of triazines and organophosphorus pesticides in water samples using solid-phase extraction. <i>Journal of Chromatography A</i> , 1991 , 555, 137-45	4.5	82
4	Organochlorine residue analysis of commercial milks by capillary gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1991 , 14, 597-600		15
3	Solid-phase extraction of pesticides from water samples. <i>Journal of High Resolution Chromatography</i> , 1990 , 13, 843-845		33
2	Aldicarb residues in citrus soil, leaves and fruits. <i>Food Additives and Contaminants</i> , 1990 , 7 Suppl 1, S29-34		4
1	Pesticide residues in oranges from Valencia (Spain)		5