Yolanda Pico

List of Publications by Citations

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	Comparing illicit drug use in 19 European cities through sewage analysis. *Science of the Total Environment*, **2012**, 432, 432-9	10.2	353
334	Occurrence of acidic pharmaceuticals and personal care products in Turia River Basin: from waste to drinking water. *Science of the Total Environment*, **2014**, 484, 53-63	10.2	350
333	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. *Addiction*, **2014**, 109, 1338-52	4.6	265
332	Fluoroquinolones in soil--risks and challenges. *Analytical and Bioanalytical Chemistry*, **2007**, 387, 1287-99	4.4	257
331	Liquid chromatography-mass spectrometry in food safety. *Journal of Chromatography A*, **2010**, 1217, 4018-40	4.5	245
330	Ultrasound-assisted extraction for food and environmental samples. *TrAC - Trends in Analytical Chemistry*, **2013**, 43, 84-99	14.6	229
329	Environmental and food applications of LC-tandem mass spectrometry in pesticide-residue analysis: an overview. *Mass Spectrometry Reviews*, **2004**, 23, 45-85	11	226
328	Determination of pesticides and their degradation products in soil: critical review and comparison of methods. *TrAC - Trends in Analytical Chemistry*, **2004**, 23, 772-789	14.6	219
327	Pesticides in the Ebro River basin: Occurrence and risk assessment. *Environmental Pollution*, **2016**, 211, 414-24	9.3	210
326	Determination of pesticides and veterinary drug residues in food by liquid chromatography-mass spectrometry: A review. *Analytica Chimica Acta*, **2016**, 936, 40-61	6.6	186
325	Analytical strategies to determine quinolone residues in food and the environment. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 534-556	14.6	184
324	Current trends in solid-phase-based extraction techniques for the determination of pesticides in food and environment. *Journal of Proteomics*, **2007**, 70, 117-31		179
323	Determination of pesticide residues in fruit and vegetables. *Journal of Chromatography A*, **1996**, 754, 301-31	4.5	172
322	Screening of currently used pesticides in water, sediments and biota of the Guadalquivir River Basin (Spain). *Journal of Hazardous Materials*, **2013**, 263 Pt 1, 95-104	12.8	167
321	Determination of carbamate residues in fruits and vegetables by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2000**, 871, 43-56	4.5	165
320	Guidance on Dermal Absorption. *EFSA Journal*, **2012**, 10, 2665	2.3	164
319	Determination of pharmaceuticals in soils and sediments by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. *Journal of Chromatography A*, **2010**, 1217, 2471-83	4.5	156

318	Solid-phase extraction in multi-residue pesticide analysis of water. *Journal of Chromatography A*, **1993**, 642, 135-61	4.5	154
317	Comparison of solid-phase microextraction and stir bar sorptive extraction for determining six organophosphorus insecticides in honey by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2004**, 1030, 77-85	4.5	150
316	Determination of tetracyclines in multi-specie animal tissues by pressurized liquid extraction and liquid chromatography–tandem mass spectrometry. *Food Chemistry*, **2009**, 116, 1005-1012	8.5	146
315	Analysis of carbamate and phenylurea pesticide residues in fruit juices by solid-phase microextraction and liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2007**, 1147, 135-43	4.5	142
314	Risk assessment on the presence of pharmaceuticals in sediments, soils and waters of the Pego-Oliva Marshlands (Valencia, eastern Spain). *Science of the Total Environment*, **2012**, 440, 24-32	10.2	140
313	Pesticide residue determination in fruit and vegetables by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2000**, 882, 153-73	4.5	131
312	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. *EFSA Journal*, **2010**, 8, 1821	2.3	129
311	Analysis and Prevention of Microplastics Pollution in Water: Current Perspectives and Future Directions. *ACS Omega*, **2019**, 4, 6709-6719	3.9	128
310	Evaluation of carbamazepine uptake and metabolization by Typha spp., a plant with potential use in phytotreatment. *Bioresource Technology*, **2011**, 102, 7827-34	11	127
309	Occurrence and removal efficiency of pesticides in sewage treatment plants of four Mediterranean River Basins. *Journal of Hazardous Materials*, **2013**, 263 Pt 1, 146-57	12.8	124
308	Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2002**, 970, 201-12	4.5	123
307	Dietary administration of high doses of pterostilbene and quercetin to mice is not toxic. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 3180-6	5.7	122
306	Control of pesticide residues by liquid chromatography-mass spectrometry to ensure food safety. *Mass Spectrometry Reviews*, **2006**, 25, 917-60	11	122
305	Pesticide monitoring in the basin of Llobregat River (Catalonia, Spain) and comparison with historical data. *Science of the Total Environment*, **2015**, 503-504, 58-68	10.2	121
304	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. *Analytica Chimica Acta*, **2013**, 761, 117-27	6.6	120
303	Multi-class determination of antimicrobials in meat by pressurized liquid extraction and liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2008**, 1209, 162-73	4.5	119
302	Scientific Opinion on the science behind the development of a risk assessment of Plant Protection Products on bees (Apis mellifera,Bombusspp. and solitary bees). *EFSA Journal*, **2012**, 10, 2668	2.3	115
301	Capillary electrophoresis for the determination of pesticide residues. *TrAC - Trends in Analytical Chemistry*, **2003**, 22, 133-151	14.6	113

300	Recent trends in liquid chromatography-tandem mass spectrometry to determine pesticides and their metabolites in food. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 103-115	14.6	109
299	Pesticide residues in honey bees, pollen and beeswax: Assessing beehive exposure. *Environmental Pollution*, **2018**, 241, 106-114	9.3	109
298	Determining nanomaterials in food. *TrAC - Trends in Analytical Chemistry*, **2011**, 30, 84-99	14.6	108
297	Progress in analysis of residual antibacterials in food. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 895-913	14.6	108
296	Off-line solid-phase microextraction and capillary electrophoresis mass spectrometry to determine acidic pesticides in fruits. *Analytical Chemistry*, **2003**, 75, 452-9	7.8	106
295	Spatio-temporal patterns of pesticide residues in the Turia and Jcar Rivers (Spain). *Science of the Total Environment*, **2016**, 540, 200-10	10.2	105
294	Determination of benzoylurea insecticides in food by pressurized liquid extraction and LC-MS. *Journal of Separation Science*, **2010**, 33, 1-10	3.4	102
293	The expanding role of LC-MS in analyzing metabolites and degradation products of food contaminants. *TrAC - Trends in Analytical Chemistry*, **2008**, 27, 821-835	14.6	101
292	Pressurized liquid extraction combined with capillary electrophoresis-mass spectrometry as an improved methodology for the determination of sulfonamide residues in meat. *Journal of Chromatography A*, **2007**, 1159, 233-41	4.5	99
291	Analysis of perfluoroalkyl substances in waters from Germany and Spain. *Science of the Total Environment*, **2012**, 431, 139-50	10.2	98
290	Assessment of pesticide residues in honey samples from portugal and Spain. *Journal of Agricultural and Food Chemistry*, **2003**, 51, 8132-8	5.7	97
289	Application of ultra-high pressure liquid chromatography linear ion-trap orbitrap to qualitative and quantitative assessment of pesticide residues. *Journal of Chromatography A*, **2014**, 1328, 66-79	4.5	96
288	Infant exposure of perfluorinated compounds: levels in breast milk and commercial baby food. *Environment International*, **2010**, 36, 584-92	12.9	96
287	Patterns of presence and concentration of pesticides in fish and waters of the Jcar River (Eastern Spain). *Journal of Hazardous Materials*, **2014**, 265, 271-9	12.8	95
286	Guidance on the Use of Probabilistic Methodology for Modelling Dietary Exposure to Pesticide Residues. *EFSA Journal*, **2012**, 10, 2839	2.3	93
285	Prospects for combining chemical and biological methods for integrated environmental assessment. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 745-757	14.6	91
284	Nano- and microplastic analysis: Focus on their occurrence in freshwater ecosystems and remediation technologies. *TrAC - Trends in Analytical Chemistry*, **2019**, 113, 409-425	14.6	91
283	Assessment of two extraction methods to determine pesticides in soils, sediments and sludges. Application to the Tia River Basin. *Journal of Chromatography A*, **2015**, 1378, 19-31	4.5	90

282	Determination of fungicide residues in fruits and vegetables by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. *Journal of Chromatography A*, **2002**, 947, 227-35	4.5	90
281	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. *Addiction*, **2020**, 115, 109-120	4.6	88
280	Determination of dithiocarbamates and metabolites in plants by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2004**, 1028, 267-76	4.5	87
279	Capillary electrophoresis for analyzing pesticides in fruits and vegetables using solid-phase extraction and stir-bar sorptive extraction. *Journal of Chromatography A*, **2005**, 1073, 229-36	4.5	87
278	Determination of triazines and organophosphorus pesticides in water samples using solid-phase extraction. *Journal of Chromatography A*, **1991**, 555, 137-45	4.5	82
277	Last trends in pesticide residue determination by liquid chromatography–mass spectrometry. *Trends in Environmental Analytical Chemistry*, **2014**, 2, 11-24	12	81
276	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. *Science of the Total Environment*, **2007**, 378, 124-9	10.2	81
275	Determination of quinolone residues in chicken and fish by capillary electrophoresis-mass spectrometry. *Electrophoresis*, **2006**, 27, 2240-9	3.6	81
274	Analysis of pesticides in fruits by pressurized liquid extraction and liquid chromatography-ion trap-triple stage mass spectrometry. *Journal of Chromatography A*, **2005**, 1098, 37-43	4.5	81
273	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. *Environmental Toxicology and Chemistry*, **2019**, 38, 46-60	3.8	81
272	Development and validation of a pressurized liquid extraction liquid chromatography-tandem mass spectrometry method for perfluorinated compounds determination in fish. *Journal of Chromatography A*, **2009**, 1216, 7195-204	4.5	80
271	Distribution and fate of perfluoroalkyl substances in Mediterranean Spanish sewage treatment plants. *Science of the Total Environment*, **2014**, 472, 912-22	10.2	79
270	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. *Science of the Total Environment*, **2016**, 540, 297-306	10.2	78
269	Transformation products of emerging contaminants in the environment and high-resolution mass spectrometry: a new horizon. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 6257-73	4.4	77
268	Pressurized liquid extraction of organic contaminants in environmental and food samples. *TrAC - Trends in Analytical Chemistry*, **2015**, 71, 55-64	14.6	73
267	Advances in the analysis of legal and illegal drugs in the aquatic environment. *TrAC - Trends in Analytical Chemistry*, **2013**, 50, 65-77	14.6	73
266	Perfluorinated compounds in food: a global perspective. *Critical Reviews in Food Science and Nutrition*, **2011**, 51, 605-25	11.5	73
265	Analytical challenges to determine emerging persistent organic pollutants in aquatic ecosystems. *TrAC - Trends in Analytical Chemistry*, **2018**, 103, 137-155	14.6	72

264	SPE and LC-MS/MS determination of 14 illicit drugs in surface waters from the Natural Park of L'Albufera (València, Spain). *Analytical and Bioanalytical Chemistry*, **2010**, 397, 2851-64	4.4	72
263	Solid-phase extraction of quaternary ammonium herbicides. *Journal of Chromatography A*, **2000**, 885, 251-71	4.5	72
262	Direct peel monitoring of xenobiotics in fruit by direct analysis in real time coupled to a linear quadrupole ion trap-orbitrap mass spectrometer. *Analytical Chemistry*, **2013**, 85, 2638-44	7.8	71
261	Assessment of the occurrence and distribution of pharmaceuticals in a Mediterranean wetland (L'Albufera, Valencia, Spain) by LC-MS/MS. *Analytical and Bioanalytical Chemistry*, **2011**, 400, 1287-301	4.4	71
260	Identification of unknown pesticides in fruits using ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry. Imazalil as a case study of quantification. *Journal of Chromatography A*, **2007**, 1176, 123-34	4.5	71
259	Pesticide residue determination in surface waters by stir bar sorptive extraction and liquid chromatography/tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2009**, 393, 1733-43	4.4	70
258	Determination of imidacloprid, metalaxyl, myclobutanil, propham, and thiabendazole in fruits and vegetables by liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. *Freseniusi Journal of Analytical Chemistry*, **2001**, 371, 182-9		69
257	Perfluoroalkyl substance contamination of the Llobregat River ecosystem (Mediterranean area, NE Spain). *Science of the Total Environment*, **2015**, 503-504, 48-57	10.2	68
256	Analysis of insecticides in honey by liquid chromatography-ion trap-mass spectrometry: comparison of different extraction procedures. *Journal of Chromatography A*, **2011**, 1218, 4892-901	4.5	68
255	Analysis of thiabendazole and procymidone in fruits and vegetables by capillary electrophoresis-electrospray mass spectrometry. *Journal of Chromatography A*, **2002**, 949, 359-66	4.5	68
254	Pharmaceuticals, pesticides, personal care products and microplastics contamination assessment of Al-Hassa irrigation network (Saudi Arabia) and its shallow lakes. *Science of the Total Environment*, **2020**, 701, 135021	10.2	68
253	Liquid chromatographic-mass spectrometric determination of post-harvest fungicides in citrus fruits. *Journal of Chromatography A*, **2001**, 912, 301-10	4.5	67
252	Occurrence and distribution of pesticides in the province of Bologna, Italy, using honeybees as bioindicators. *Archives of Environmental Contamination and Toxicology*, **2004**, 47, 479-88	3.2	66
251	Liquid chromatography quadrupole time-of-flight mass spectrometry analysis of carbosulfan, carbofuran, 3-hydroxycarbofuran, and other metabolites in food. *Analytical Chemistry*, **2007**, 79, 1492-501	7.8	65
250	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. *Talanta*, **2006**, 69, 724-9	6.2	65
249	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. *Journal of Chromatography A*, **2004**, 1050, 119-27	4.5	65
248	Solid-phase microextraction liquid chromatography/tandem mass spectrometry to determine postharvest fungicides in fruits. *Analytical Chemistry*, **2003**, 75, 3606-15	7.8	65
247	Determination of tetracycline residues in soil by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 1329-39	4.4	64

246	Comparison of liquid chromatography using triple quadrupole and quadrupole ion trap mass analyzers to determine pesticide residues in oranges. *Journal of Chromatography A*, **2005**, 1067, 115-25	4.5	64
245	Presence of pharmaceuticals and heavy metals in the waters of a Mediterranean coastal wetland: Potential interactions and the influence of the environment. *Science of the Total Environment*, **2016**, 540, 278-86	10.2	63
244	Ultra-high performance liquid chromatography-quadrupole time-of-flight mass spectrometry to identify contaminants in water: an insight on environmental forensics. *Journal of Chromatography A* , **2014**, 1345, 86-97	4.5	63
243	Analysis of perfluorinated compounds in sewage sludge by pressurized solvent extraction followed by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2011**, 1218, 4840-6	4.5	63
242	Capabilities of different liquid chromatography tandem mass spectrometry systems in determining pesticide residues in food. Application to estimate their daily intake. *Journal of Chromatography A*, **2007**, 1157, 73-84	4.5	62
241	Simultaneous determination of imidacloprid, carbendazim, methiocarb and hexythiazox in peaches and nectarines by liquid chromatography mass spectrometry. *Analytica Chimica Acta*, **2002**, 461, 109-116	6.6	62
240	Analysis of the presence of perfluoroalkyl substances in water, sediment and biota of the Jucar River (E Spain). Sources, partitioning and relationships with water physical characteristics. *Environmental Research*, **2016**, 147, 503-12	7.9	62
239	Quantification of Listeria monocytogenes in salads by real time quantitative PCR. *International Journal of Food Microbiology*, **2006**, 107, 202-6	5.8	61
238	Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spain. *Journal of Chromatography A*, **2004**, 1049, 155-60	4.5	61
237	Application of matrix solid-phase dispersion to the determination of a new generation of fungicides in fruits and vegetables. *Journal of Chromatography A*, **2002**, 968, 201-9	4.5	60
236	Neonicotinoids in excretion product of phloem-feeding insects kill beneficial insects. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 16817-16822	11.5	59
235	Comparison of octadecylsilica and graphitized carbon black as materials for solid-phase extraction of fungicide and insecticide residues from fruit and vegetables. *Journal of Chromatography A*, **1997**, 778, 127-37	4.5	59
234	Analytical methods for pesticide residue determination in bee products. *Journal of Food Protection*, **2002**, 65, 1502-11	2.5	59
233	Simultaneous determination of different classes of antibiotics in fish and livestock by CE-MS. *Electrophoresis*, **2007**, 28, 4180-91	3.6	58
232	Evaluation of 10 pesticide residues in oranges and tangerines from Valencia (Spain). *Food Control*, **2006**, 17, 841-846	6.2	58
231	Matrix solid-phase dispersion extraction procedure for multiresidue pesticide analysis in oranges. *Journal of Chromatography A*, **1996**, 719, 95-103	4.5	58
230	Confirmation of fenthion metabolites in oranges by IT-MS and QqTOF-MS. *Analytical Chemistry*, **2007**, 79, 9350-63	7.8	57
229	Comparison of four mass analyzers for determining carbosulfan and its metabolites in citrus by liquid chromatography/mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 2151-64	2.2	57

228	Liquid chromatography–electrospray quadrupole ion-trap mass spectrometry of nine pesticides in fruits. *Journal of Chromatography A*, **2004**, 1048, 41-49	4.5	56
227	Wastewater-based epidemiology: current status and future prospects. *Current Opinion in Environmental Science and Health*, **2019**, 9, 77-84	8.1	54
226	Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spain?. *Journal of Chromatography A*, **2004**, 1049, 155-160	4.5	54
225	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. *Science of the Total Environment*, **2019**, 659, 1186-1198	10.2	54
224	Analysis of post-harvest fungicides by micellar electrokinetic chromatography. *Journal of Chromatography A*, **2001**, 924, 387-96	4.5	53
223	Analysis of organophosphorus pesticides in honeybee by liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 3540-7	5.7	53
222	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). *Science of the Total Environment*, **2019**, 652, 562-572	10.2	53
221	Estimating population size in wastewater-based epidemiology. Valencia metropolitan area as a case study. *Journal of Hazardous Materials*, **2017**, 323, 156-165	12.8	52
220	Occurrence and removal of drugs of abuse in Wastewater Treatment Plants of Valencia (Spain). *Environmental Pollution*, **2014**, 194, 152-162	9.3	52
219	Multi-residue determination of 47 organic compounds in water, soil, sediment and fish-Turia River as case study. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 146, 117-125	3.5	51
218	Comparison of different removal techniques for selected pharmaceuticals. *Journal of Water Process Engineering*, **2015**, 5, 48-57	6.7	49
217	Spatial and temporal trends of paraquat, diquat, and difenzoquat contamination in water from marsh areas of the valencian community (Spain). *Archives of Environmental Contamination and Toxicology*, **1998**, 35, 377-84	3.2	49
216	Routine application using single quadrupole liquid chromatography-mass spectrometry to pesticides analysis in citrus fruits. *Journal of Chromatography A*, **2005**, 1088, 224-33	4.5	49
215	Pyrolysis gas chromatography-mass spectrometry in environmental analysis: Focus on organic matter and microplastics. *TrAC - Trends in Analytical Chemistry*, **2020**, 130, 115964	14.6	48
214	Occurrence of pesticide residues in Spanish beeswax. *Science of the Total Environment*, **2017**, 605-606, 745-754	10.2	48
213	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. *Environmental Pollution*, **2016**, 210, 303-14	9.3	47
212	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). *Science of the Total Environment*, **2016**, 540, 191-9	10.2	47
211	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. *Journal of Chromatography A*, **2012**, 1244, 88-97	4.5	47

210	Determination of isopropyl thioxanthone (ITX) in fruit juices by pressurized liquid extraction and liquid chromatography-mass spectrometry. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 7947-52	5.7	47
209	On-line trace-level enrichment gas chromatography of triazine herbicides, organophosphorus pesticides, and organosulfur compounds from drinking and surface waters. *Analyst, The*, **1994**, 119, 2025-31	5	46
208	Efficiency of QuEChERS approach for determining 52 pesticide residues in honey and honey bees. *MethodsX*, **2016**, 3, 452-8	1.9	45
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205	Application of capillary electrophoresis-mass spectrometry for determining organic food contaminants and residues. *Electrophoresis*, **2008**, 29, 2059-78	3.6	45
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203	Influence of pesticide use in fruit orchards during blooming on honeybee mortality in 4 experimental apiaries. *Science of the Total Environment*, **2016**, 541, 33-41	10.2	44
202	Determination of microcystins in fish by solvent extraction and liquid chromatography. *Journal of Chromatography A*, **2005**, 1080, 199-203	4.5	44
201	Determination of abamectin in citrus fruits by liquid chromatography-electrospray ionization mass spectrometry. *Journal of Chromatography A*, **2000**, 871, 57-65	4.5	44
200	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. *Environmental Science and Pollution Research*, **2012**, 19, 918-33	5.1	43
199	Sample preparation methods for the determination of pesticides in foods using CE-UV/MS. *Electrophoresis*, **2010**, 31, 2115-25	3.6	43
198	Multiple-stage mass spectrometric analysis of six pesticides in oranges by liquid chromatography-atmospheric pressure chemical ionization-ion trap mass spectrometry. *Journal of Chromatography A*, **2004**, 1043, 231-8	4.5	42
197	Influence of organic matter and surfactants on solid-phase extraction of diquat, paraquat and difenzoquat from waters. *Journal of Chromatography A*, **1996**, 727, 245-252	4.5	42
196	Occurrence, distribution and behavior of emerging persistent organic pollutants (POPs) in a Mediterranean wetland protected area. *Science of the Total Environment*, **2019**, 646, 1009-1020	10.2	40
195	Determination of carbosulfan and its metabolites in oranges by liquid chromatography ion-trap triple-stage mass spectrometry. *Journal of Chromatography A*, **2006**, 1109, 228-41	4.5	40
194	Target vs non-target analysis to determine pesticide residues in fruits from Saudi Arabia and influence in potential risk associated with exposure. *Food and Chemical Toxicology*, **2018**, 111, 53-63	4.7	40
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192	Pressurised liquid extraction and capillary electrophoresis–mass spectrometry for the analysis of pesticide residues in fruits from Valencian markets, Spain. *Food Chemistry*, **2010**, 120, 1242-1249	8.5	39
191	Evaluation of pesticide residue in grape juices and the effect of natural antioxidants on their degradation rate. *Analytical and Bioanalytical Chemistry*, **2007**, 389, 1805-14	4.4	39
190	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. *Journal of Chromatography A*, **2008**, 1203, 36-46	4.5	39
189	Determination of organic contaminants in food by capillary electrophoresis. *Journal of Separation Science*, **2005**, 28, 793-812	3.4	39
188	Determination of linear alkylbenzenesulfonates and their degradation products in soils by liquid chromatography-electrospray-ion trap multiple-stage mass spectrometry. *Analytical Chemistry*, **2004**, 76, 2878-85	7.8	38
187	A two-year monitoring of pesticide hazard in-hive: High honey bee mortality rates during insecticide poisoning episodes in apiaries located near agricultural settings. *Chemosphere*, **2019**, 232, 471-480	8.4	37
186	Pesticide occurrence in the waters of Júcar River, Spain from different farming landscapes. *Science of the Total Environment*, **2017**, 607-608, 752-760	10.2	37
185	Enantioselective transformation of fluoxetine in water and its ecotoxicological relevance. *Scientific Reports*, **2017**, 7, 15777	4.9	37
184	Determination of currently used pesticides in biota. *Analytical and Bioanalytical Chemistry*, **2012**, 404, 2659-81	4.4	37
183	Current developments in the analysis of water pollution by polychlorinated biphenyls. *Journal of Chromatography A*, **1996**, 733, 449-71	4.5	37
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181	On-line determination of bipyridylium herbicides in water by HPLC. *Chromatographia*, **1997**, 45, 402-407	2.1	35
180	Determination of 2-isopropyl thioxanthone and 2-ethylhexyl-4-dimethylaminobenzoate in milk: comparison of gas and liquid chromatography with mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2007**, 389, 605-17	4.4	35
179	Determination of microcystins in natural blooms and cyanobacterial strain cultures by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2004**, 380, 537-44	4.4	35
178	Evaluation of solid-phase extraction and stir-bar sorptive extraction for the determination of fungicide residues at low-μg kg⁻¹ levels in grapes by liquid chromatography–mass spectrometry. *Journal of Chromatography A*, **2004**, 1050, 119-127	4.5	35
177	Optimization of LC-MS/MS using triple quadrupole mass analyzer for the simultaneous analysis of carbosulfan and its main metabolites in oranges. *Analytica Chimica Acta*, **2006**, 571, 1-11	6.6	34
176	On-line liquid chromatographic trace enrichment and high-performance liquid chromatographic determination of diquat, paraquat and difenzoquat in water. *Journal of Chromatography A*, **1996**, 728, 325-331	4.5	34
175	How recent innovations in gas chromatography-mass spectrometry have improved pesticide residue determination: An alternative technique to be in your radar. *TrAC - Trends in Analytical Chemistry*, **2020**, 122, 115720	14.6	34

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173	Comparison of green sample preparation techniques in the analysis of pyrethrins and pyrethroids in baby food by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2017**, 1497, 28-37	4.5	33
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