Yolanda Pico

List of Publications by Year
in descending order

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		6613	17592
337	20,090	79	121
papers	citations	h-index	g-index

351	351	351	15852
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparing illicit drug use in 19 European cities through sewage analysis. Science of the Total Environment, 2012, 432, 432-439.	8.0	416
2	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.	8.0	412
3	Spatial differences and temporal changes in illicit drug use in <scp>E</scp>urope quantified by wastewater analysis. Addiction, 2014, 109, 1338-1352.	3.3	319
4	Fluoroquinolones in soilâ€"risks and challenges. Analytical and Bioanalytical Chemistry, 2007, 387, 1287-1299.	3.7	295
5	Ultrasound-assisted extraction for food and environmental samples. TrAC - Trends in Analytical Chemistry, 2013, 43, 84-99.	11.4	280
6	Pesticides in the Ebro River basin: Occurrence and risk assessment. Environmental Pollution, 2016, 211, 414-424.	7.5	279
7	Liquid chromatographyâ€“mass spectrometry in food safety. Journal of Chromatography A, 2010, 1217, 4018-4040.	3.7	278
8	Determination of pesticides and their degradation products in soil: critical review and comparison of methods. TrAC - Trends in Analytical Chemistry, 2004, 23, 772-789.	11.4	270
9	Environmental and food applications of LC-tandem mass spectrometry in pesticide-residue analysis: An overview. Mass Spectrometry Reviews, 2004, 23, 45-85.	5.4	261
10	Determination of pesticides and veterinary drug residues in food by liquid chromatography-mass spectrometry: A review. Analytica Chimica Acta, 2016, 936, 40-61.	5.4	238
11	Screening of currently used pesticides in water, sediments and biota of the Guadalquivir River Basin (Spain). Journal of Hazardous Materials, 2013, 263, 95-104.	12.4	209
12	Determination of pesticide residues in fruit and vegetables. Journal of Chromatography A, 1996, 754, 301-331.	3.7	208
13	Analysis and Prevention of Microplastics Pollution in Water: Current Perspectives and Future Directions. ACS Omega, 2019, 4, 6709-6719.	3.5	208
14	Analytical strategies to determine quinolone residues in food and the environment. TrAC - Trends in Analytical Chemistry, 2007, 26, 534-556.	11.4	203
15	Current trends in solid-phase-based extraction techniques for the determination of pesticides in food and environment. Journal of Proteomics, 2007, 70, 117-131.	2.4	201
16	Guidance on Dermal Absorption. EFSA Journal, 2012, 10, 2665.	1.8	185
17	Determination of tetracyclines in multi-specie animal tissues by pressurized liquid extraction and liquid chromatographyâ€“tandem mass spectrometry. Food Chemistry, 2009, 116, 1005-1012.	8.2	181
18	Comparison of solid-phase microextraction and stir bar sorptive extraction for determining six organophosphorus insecticides in honey by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2004, 1030, 77-85.	3.7	178

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19	Determination of carbamate residues in fruits and vegetables by matrix solid-phase dispersion and liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2000, 871, 43-56.	3.7	176
20	Pesticide residues in honey bees, pollen and beeswax: Assessing beehive exposure. Environmental Pollution, 2018, 241, 106-114.	7.5	175
21	Solid-phase extraction in multi-residue pesticide analysis of water. Journal of Chromatography A, 1993, 642, 135-161.	3.7	169
22	Determination of pharmaceuticals in soils and sediments by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 2471-2483.	3.7	168
23	Nano- and microplastic analysis: Focus on their occurrence in freshwater ecosystems and remediation technologies. TrAC - Trends in Analytical Chemistry, 2019, 113, 409-425.	11.4	165
24	Risk assessment on the presence of pharmaceuticals in sediments, soils and waters of the Pegoâ€“Oliva Marshlands (Valencia, eastern Spain). Science of the Total Environment, 2012, 440, 24-32.	8.0	164
25	Analysis of carbamate and phenylurea pesticide residues in fruit juices by solid-phase microextraction and liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2007, 1147, 135-143.	3.7	161
26	Occurrence and removal efficiency of pesticides in sewage treatment plants of four Mediterranean River Basins. Journal of Hazardous Materials, 2013, 263, 146-157.	12.4	159
27	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		

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37	Spatio-temporal patterns of pesticide residues in the Turia and JÃºcar Rivers (Spain). Science of the Total Environment, 2016, 540, 200-210.	8.0	142
38	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, 117-127.	5.4	138
39	Capillary electrophoresis for the determination of pesticide residues. TrAC - Trends in Analytical Chemistry, 2003, 22, 133-151.	11.4	135
40	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.	8.0	131
41	Multi-class determination of antimicrobials in meat by pressurized liquid extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2008, 1209, 162-173.	3.7	129
42	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.	11.4	127
43	Determining nanomaterials in food. TrAC - Trends in Analytical Chemistry, 2011, 30, 84-99.	11.4	127
44	Analysis of perfluoroalkyl substances in waters from Germany and Spain. Science of the Total Environment, 2012, 431, 139-150.	8.0	125
45	Progress in analysis of residual antibacterials in food. TrAC - Trends in Analytical Chemistry, 2007, 26, 895-913.	11.4	121
46	Assessment of two extraction methods to determine pesticides in soils, sediments and sludges. Application to the TÃªria River Basin. Journal of Chromatography A, 2015, 1378, 19-31.	3.7	119
47	Assessment of Pesticide Residues in Honey Samples from Portugal and Spain. Journal of Agricultural and Food Chemistry, 2003, 51, 8132-8138.	5.2	118
48	Pyrolysis gas chromatography-mass spectrometry in environmental analysis: Focus on organic matter and microplastics. TrAC - Trends in Analytical Chemistry, 2020, 130, 115964.	11.4	118
49	Patterns of presence and concentration of pesticides in fish and waters of the JÃºcar River (Eastern) Tj ETQq1 1 0.784314 rgBT /Overlo	12.4	116
50	Infant exposure of perfluorinated compounds: Levels in breast milk and commercial baby food. Environment International, 2010, 36, 584-592.	10.0	115
51	Pressurized liquid extraction combined with capillary electrophoresisâ€“mass spectrometry as an improved methodology for the determination of sulfonamide residues in meat. Journal of Chromatography A, 2007, 1159, 233-241.	3.7	113
52	Determination of benzoylurea insecticides in food by pressurized liquid extraction and LCâ€MS. Journal of Separation Science, 2010, 33, 1-10.	2.5	113
53	Guidance on the Use of Probabilistic Methodology for Modelling Dietary Exposure to Pesticide Residues. EFSA Journal, 2012, 10, 2839.	1.8	113
54	Off-Line Solid-Phase Microextraction and Capillary Electrophoresis Mass Spectrometry To Determine Acidic Pesticides in Fruits. Analytical Chemistry, 2003, 75, 452-459.	6.5	109

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55	The expanding role of LC-MS in analyzing metabolites and degradation products of food contaminants. TrAC - Trends in Analytical Chemistry, 2008, 27, 821-835.	11.4	108
56	Determination of dithiocarbamates and metabolites in plants by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2004, 1028, 267-276.	3.7	106
57	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.	3.7	106
58	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.	8.0	102
59	Capillary electrophoresis for analyzing pesticides in fruits and vegetables using solid-phase extraction and stir-bar sorptive extraction. Journal of Chromatography A, 2005, 1073, 229-236.	3.7	101
60	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. Science of the Total Environment, 2019, 659, 1186-1198.	8.0	101
61	Prospects for combining chemical and biological methods for integrated environmental assessment. TrAC - Trends in Analytical Chemistry, 2009, 28, 745-757.	11.4	100
62	Last trends in pesticide residue determination by liquid chromatographyâ€“mass spectrometry. Trends in Environmental Analytical Chemistry, 2014, 2, 11-24.	10.3	99
63	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.	7.1	99
64	Wastewater-based epidemiology: current status and future prospects. Current Opinion in Environmental Science and Health, 2019, 9, 77-84.	4.1	99
65	Determination of fungicide residues in fruits and vegetables by liquid chromatographyâ€“atmospheric pressure chemical ionization mass spectrometry. Journal of Chromatography A, 2002, 947, 227-235.	3.7	98
66	Pressurized liquid extraction of organic contaminants in environmental and food samples. TrAC - Trends in Analytical Chemistry, 2015, 71, 55-64.	11.4	98
67	Analysis of pesticides in fruits by pressurized liquid extraction and liquid chromatographyâ€“ion trapâ€“triple stage mass spectrometry. Journal of Chromatography A, 2005, 1098, 37-43.	3.7	97
68	Analytical challenges to determine emerging persistent organic pollutants in aquatic ecosystems. TrAC - Trends in Analytical Chemistry, 2018, 103, 137-155.	11.4	95
69	Distribution and fate of perfluoroalkyl substances in Mediterranean Spanish sewage treatment plants. Science of the Total Environment, 2014, 472, 912-922.	8.0	94
70	Determination of quinolone residues in chicken and fish by capillary electrophoresis-mass spectrometry. Electrophoresis, 2006, 27, 2240-2249.	2.4	92
71	Transformation products of emerging contaminants in the environment and high-resolution mass spectrometry: a new horizon. Analytical and Bioanalytical Chemistry, 2015, 407, 6257-6273.	3.7	92
72	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, 503-512.	7.5	92

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73	Development and validation of a pressurized liquid extraction liquid chromatographyâ€“tandem mass spectrometry method for perfluorinated compounds determination in fish. Journal of Chromatography A, 2009, 1216, 7195-7204.	3.7	91
74	Quantitative determination of octylphenol, nonylphenol, alkylphenol ethoxylates and alcohol ethoxylates by pressurized liquid extraction and liquid chromatographyâ€“mass spectrometry in soils treated with sewage sludges. Science of the Total Environment, 2007, 378, 124-129.	8.0	89
75	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.	8.0	88
76	Determination of triazines and organophosphorus pesticides in water samples using solid-phase extraction. Journal of Chromatography A, 1991, 555, 137-145.	3.7	86
77	Perfluorinated Compounds in Food: A Global Perspective. Critical Reviews in Food Science and Nutrition, 2011, 51, 605-625.	10.3	85
78	Estimating population size in wastewater-based epidemiology. Valencia metropolitan area as a case study. Journal of Hazardous Materials, 2017, 323, 156-165.	12.4	85
79	Identification of unknown pesticides in fruits using ultra-performance liquid chromatographyâ€“quadrupole time-of-flight mass spectrometry. Journal of Chromatography A, 2007, 1176, 123-134.	3.7	82
80	Perfluoroalkyl substance contamination of the Llobregat River ecosystem (Mediterranean area, NE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.0	81
81	Occurrence and Distribution of Pesticides in the Province of Bologna, Italy, Using Honeybees as Bioindicators. Archives of Environmental Contamination and Toxicology, 2004, 47, 479-488.	4.1	80
82	Analysis of insecticides in honey by liquid chromatographyâ€“ion trap-mass spectrometry: Comparison of different extraction procedures. Journal of Chromatography A, 2011, 1218, 4892-4901.	3.7	80
83	Determination of imidacloprid, metalaxyl, myclobutanil, propham, and thiabendazole in fruits and vegetables by liquid chromatographyâ€“atmospheric pressure chemical ionizationâ€“mass spectrometry. Fresenius' Journal of Analytical Chemistry, 2001, 371, 182-189.	1.5	79
84	Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry Analysis of Carbosulfan, Carbofuran, 3-Hydroxycarbofuran, and Other Metabolites in Food. Analytical Chemistry, 2007, 79, 1492-1501.	6.5	78
85	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, 278-286.	8.0	78
86	SPE and LC-MS/MS determination of 14 illicit drugs in surface waters from the Natural Park of Lâ€™Albufera (ValÃ¨ncia, Spain). Analytical and Bioanalytical Chemistry, 2010, 397, 2851-2864.	3.7	77
87	Assessment of the occurrence and distribution of pharmaceuticals in a Mediterranean wetland (Lâ€™Albufera, Valencia, Spain) by LC-MS/MS. Analytical and Bioanalytical Chemistry, 2011, 400, 1287-1301.	3.7	77
88	Advances in the analysis of legal and illegal drugs in the aquatic environment. TrAC - Trends in Analytical Chemistry, 2013, 50, 65-77.	11.4	77
89	Liquid chromatographicâ€“mass spectrometric determination of post-harvest fungicides in citrus fruits. Journal of Chromatography A, 2001, 912, 301-310.	3.7	76
90	Simultaneous determination of imidacloprid, carbendazim, methiocarb and hexythiazox in peaches and nectarines by liquid chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2002, 461, 109-116.	5.4	76

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91	Pesticide residue determination in surface waters by stir bar sorptive extraction and liquid chromatography/tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 393, 1733-1743.	3.7	76
92	Solid-phase extraction of quaternary ammonium herbicides. Journal of Chromatography A, 2000, 885, 251-271.	3.7	75
93	Direct Peel Monitoring of Xenobiotics in Fruit by Direct Analysis in Real Time Coupled to a Linear Quadrupole Ion Trapâ€“Orbitrap Mass Spectrometer. Analytical Chemistry, 2013, 85, 2638-2644.	6.5	75
94	Analytical Methods for Pesticide Residue Determination in Bee Products. Journal of Food Protection, 2002, 65, 1502-1511.	1.7	74
95	Determination of tetracycline residues in soil by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 394, 1329-1339.	3.7	74
96	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.	11.4	74
97	Analysis of thiabendazole and procymidone in fruits and vegetables by capillary electrophoresisâ€“electrospray mass spectrometry. Journal of Chromatography A, 2002, 949, 359-366.	3.7	73
98	Ultra-high performance liquid chromatographyâ€“quadrupole time-of-flight mass spectrometry to identify contaminants in water: An insight on environmental forensics. Journal of Chromatography A, 2014, 1345, 86-97.	3.7	73
99	Multi-residue determination of 47 organic compounds in water, soil, sediment and fishâ€”Turia River as case study. Journal of Pharmaceutical and Biomedical Analysis, 2017, 146, 117-125.	2.8	73
100	Evaluation of solid-phase extraction and stir-bar sorptive extraction for the determination of fungicide residues at low-Î¼gkgâ¯1 levels in grapes by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2004, 1050, 119-127.	3.7	72
101	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, 115-125.	3.7	72
102	Application of matrix solid phase dispersion to the determination of imidacloprid, carbaryl, aldicarb, and their main metabolites in honeybees by liquid chromatographyâ€“mass spectrometry detection. Talanta, 2006, 69, 724-729.	5.5	72
103	Quantification of Listeria monocytogenes in salads by real time quantitative PCR. International Journal of Food Microbiology, 2006, 107, 202-206.	4.7	72
104	Capabilities of different liquid chromatography tandem mass spectrometry systems in determining pesticide residues in food. Journal of Chromatography A, 2007, 1157, 73-84.	3.7	69
105	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, 201-209.	3.7	67
106	Solid-Phase Microextraction Liquid Chromatography/Tandem Mass Spectrometry To Determine Postharvest Fungicides in Fruits. Analytical Chemistry, 2003, 75, 3606-3615.	6.5	67
107	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, 127-137.	3.7	66
108	Comparison of different removal techniques for selected pharmaceuticals. Journal of Water Process Engineering, 2015, 5, 48-57.	5.6	66

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109	Occurrence of pesticide residues in Spanish beeswax. Science of the Total Environment, 2017, 605-606, 745-754.	8.0	66
110	Matrix solid-phase dispersion extraction procedure for multiresidue pesticide analysis in oranges. Journal of Chromatography A, 1996, 719, 95-103.	3.7	65
111	Analysis of perfluorinated compounds in sewage sludge by pressurized solvent extraction followed by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2011, 1218, 4840-4846.	3.7	65
112	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, 377-384.	4.1	64
113	Analysis of post-harvest fungicides by micellar electrokinetic chromatography. Journal of Chromatography A, 2001, 924, 387-396.	3.7	64
114	Evaluation of 10 pesticide residues in oranges and tangerines from Valencia (Spain). Food Control, 2006, 17, 841-846.	5.5	64
115	Simultaneous determination of different classes of antibiotics in fish and livestock by CEâ€MS. Electrophoresis, 2007, 28, 4180-4191.	2.4	64
116	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. Environmental Pollution, 2016, 210, 303-314.	7.5	63
117	Efficiency of QuEChERS approach for determining 52 pesticide residues in honey and honey bees. MethodsX, 2016, 3, 452-458.	1.6	63
118	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.	8.0	63
119	Pharmaceuticals and personal care products in a Mediterranean coastal wetland: Impact of anthropogenic and spatial factors and environmental risk assessment. Environmental Pollution, 2021, 271, 116353.	7.5	63
120	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.	3.7	62
121	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, 2151-2164.	1.5	61
122	Confirmation of Fenthion Metabolites in Oranges by IT-MS and QqTOF-MS. Analytical Chemistry, 2007, 79, 9350-9363.	6.5	61
123	Suspect, non-target and target screening of emerging pollutants using data independent acquisition: Assessment of a Mediterranean River basin. Science of the Total Environment, 2019, 687, 355-368.	8.0	61
124	Liquid chromatographyâ€“electrospray quadrupole ion-trap mass spectrometry of nine pesticides in fruitsâ˜†. Journal of Chromatography A, 2004, 1048, 41-49.	3.7	60
125	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). Science of the Total Environment, 2016, 540, 191-199.	8.0	59
126	Analysis of Organophosphorus Pesticides in Honeybee by Liquid Chromatographyâ^'Atmospheric Pressure Chemical Ionizationâ^'Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2001, 49, 3540-3547.	5.2	58

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127	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.	8.0	58
128	Pressurized liquid extraction of organic contaminants in environmental and food samples. TrAC - Trends in Analytical Chemistry, 2019, 118, 709-721.	11.4	58
129	Analysis of 18 perfluorinated compounds in river waters: Comparison of high performance liquid chromatographyâ€“tandem mass spectrometry, ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry and capillary liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1244, 88-97.	3.7	57
130	Occurrence and removal of drugs of abuse in Wastewater Treatment Plants of Valencia (Spain). Environmental Pollution, 2014, 194, 152-162.	7.5	56
131	Pesticide occurrence in the waters of JÃºcar River, Spain from different farming landscapes. Science of the Total Environment, 2017, 607-608, 752-760.	8.0	56
132	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.	8.2	55
133	Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spainâ˜†. Journal of Chromatography A, 2004, 1049, 155-160.	3.7	54
134	Routine application using single quadrupole liquid chromatographyâ€“mass spectrometry to pesticides analysis in citrus fruits. Journal of Chromatography A, 2005, 1088, 224-233.	3.7	54
135	Nutrient Intake and Depression Symptoms in Spanish Children: The ANIVA Study. International Journal of Environmental Research and Public Health, 2016, 13, 352.	2.6	54
136	Application of capillary electrophoresisâ€•mass spectrometry for determining organic food contaminants and residues. Electrophoresis, 2008, 29, 2059-2078.	2.4	53
137	Occurrence of perfluorinated compounds in water and sediment of Lâ€™Albufera Natural Park (ValÃ¨ncia,) Tj ETQq1 1 0.784314 rgBT	5.3	53
138	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.	3.6	53
139	Enantioselective transformation of fluoxetine in water and its ecotoxicological relevance. Scientific Reports, 2017, 7, 15777.	3.3	52
140	Microplastics in the global aquatic environment: Analysis, effects, remediation and policy solutions. Journal of Environmental Chemical Engineering, 2019, 7, 103421.	6.7	52
141	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.	3.5	51
142	Sample preparation methods for the determination of pesticides in foods using CEâ€•UV/MS. Electrophoresis, 2010, 31, 2115-2125.	2.4	51
143	Determination of abamectin in citrus fruits by liquid chromatographyâ€“electrospray ionization mass spectrometry. Journal of Chromatography A, 2000, 871, 57-65.	3.7	50
144	Determination of Isopropyl Thioxanthone (ITX) in Fruit Juices by Pressurized Liquid Extraction and Liquid Chromatographyâ˜Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2006, 54, 7947-7952.	5.2	50

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145	Multiple-stage mass spectrometric analysis of six pesticides in oranges by liquid chromatographyâ€“atmospheric pressure chemical ionizationâ€“ion trap mass spectrometry. Journal of Chromatography A, 2004, 1043, 231-238.	3.7	48
146	Determination of carbosulfan and its metabolites in oranges by liquid chromatography ion-trap triple-stage mass spectrometry. Journal of Chromatography A, 2006, 1109, 228-241.	3.7	48
147	The Role of the Liquid Chromatography-Mass Spectrometry in Pesticide Residue Determination in Food. Critical Reviews in Analytical Chemistry, 2008, 38, 93-117.	3.5	48
148	Determination of microcystins in fish by solvent extraction and liquid chromatography. Journal of Chromatography A, 2005, 1080, 199-203.	3.7	47
149	Pressurised liquid extraction and capillary electrophoresisâ€“mass spectrometry for the analysis of pesticide residues in fruits from Valencian markets, Spain. Food Chemistry, 2010, 120, 1242-1249.	8.2	47
150	Determination of currently used pesticides in biota. Analytical and Bioanalytical Chemistry, 2012, 404, 2659-81.	3.7	47
151	Quantitative analysis of six pesticides in fruits by capillary electrophoresis-electrospray-mass spectrometry. Electrophoresis, 2005, 26, 1550-1561.	2.4	46
152	Rapid and sensitive ultra-high-pressure liquid chromatographyâ€“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.	3.7	46
153	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, 918-933.	5.3	46
154	Current developments in the analysis of water pollution by polychlorinated biphenyls. Journal of Chromatography A, 1996, 733, 449-471.	3.7	45
155	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.	3.7	45
156	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. Talanta, 2010, 81, 281-293.	5.5	45
157	Evaluation of pesticide residue in grape juices and the effect of natural antioxidants on their degradation rate. Analytical and Bioanalytical Chemistry, 2007, 389, 1805-1814.	3.7	44
158	Determination of organic contaminants in food by capillary electrophoresis. Journal of Separation Science, 2005, 28, 793-812.	2.5	43
159	Multipleâ€stressor effects on river biofilms under different hydrological conditions. Freshwater Biology, 2016, 61, 2102-2115.	2.4	43
160	Determination of Linear Alkylbenzenesulfonates and Their Degradation Products in Soils by Liquid Chromatography-Electrospray-Ion Trap Multiple-Stage Mass Spectrometry. Analytical Chemistry, 2004, 76, 2878-2885.	6.5	42
161	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. Science of the Total Environment, 2021, 776, 145843.	8.0	42
162	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, 537-544.	3.7	41

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163	Comparison of green sample preparation techniques in the analysis of pyrethrins and pyrethroids in baby food by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2017, 1497, 28-37.	3.7	41
164	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. Science of the Total Environment, 2021, 774, 145009.	8.0	41
165	On-line determination of bipyridylium herbicides in water by HPLC. Chromatographia, 1997, 45, 402-407.	1.3	40
166	Optimization of LCâ€“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.	5.4	40
167	Challenges in the determination of engineered nanomaterials in foods. TrAC - Trends in Analytical Chemistry, 2016, 84, 149-159.	11.4	40
168	Analysis of emerging and related pollutants in aquatic biota. Trends in Environmental Analytical Chemistry, 2020, 25, e00082.	10.3	40
169	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.	3.7	39
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171	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. Journal of Hazardous Materials, 2021, 401, 123272.	12.4	39
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