

Isaac Rodríguez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7033859/publications.pdf>

Version: 2024-02-01

174
papers

9,768
citations

34105

52
h-index

43889

91
g-index

177
all docs

177
docs citations

177
times ranked

7840
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of pharmaceuticals, cosmetics and hormones in a sewage treatment plant. <i>Water Research</i> , 2004, 38, 2918-2926.	11.3	1,277
2	Organophosphorus flame retardants and plasticizers in water and air I. Occurrence and fate. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 727-737.	11.4	513
3	Solid-phase extraction of phenols. <i>Journal of Chromatography A</i> , 2000, 885, 291-304.	3.7	284
4	Determination of natural and synthetic estrogens in water by gas chromatography with mass spectrometric detection. <i>Journal of Chromatography A</i> , 2004, 1024, 177-185.	3.7	180
5	Evaluation of the occurrence and biodegradation of parabens and halogenated by-products in wastewater by accurate-mass liquid chromatography-quadrupole-time-of-flight-mass spectrometry (LC-QTOF-MS). <i>Water Research</i> , 2011, 45, 6770-6780.	11.3	176
6	Determination of acidic drugs in sewage water by gas chromatography–mass spectrometry as tert.-butyldimethylsilyl derivatives. <i>Journal of Chromatography A</i> , 2003, 985, 265-274.	3.7	162
7	Optimisation of a solid-phase microextraction method for the determination of parabens in water samples at the low ng per litre level. <i>Journal of Chromatography A</i> , 2006, 1124, 3-10.	3.7	149
8	Aquatic degradation of triclosan and formation of toxic chlorophenols in presence of low concentrations of free chlorine. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 1119-1126.	3.7	147
9	Formation of halogenated by-products of parabens in chlorinated water. <i>Analytica Chimica Acta</i> , 2006, 575, 106-113.	5.4	142
10	Development of a dispersive liquid–liquid microextraction method for organophosphorus flame retardants and plasticizers determination in water samples. <i>Journal of Chromatography A</i> , 2007, 1166, 9-15.	3.7	137
11	Determination of Parabens and Triclosan in Indoor Dust Using Matrix Solid-Phase Dispersion and Gas Chromatography with Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 1675-1681.	6.5	135
12	Suitability of solid-phase microextraction for the determination of organophosphate flame retardants and plasticizers in water samples. <i>Journal of Chromatography A</i> , 2006, 1108, 158-165.	3.7	132
13	Trends and recent applications of matrix solid-phase dispersion. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 963-974.	3.7	127
14	Determination of drugs of abuse in water by solid-phase extraction, derivatisation and gas chromatography–ion trap-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 1748-1760.	3.7	126
15	Simultaneous determination of parabens, triclosan and triclocarban in water by liquid chromatography/electrospray ionisation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1756-1766.	1.5	123
16	Solid-phase extraction followed by dispersive liquid–liquid microextraction for the sensitive determination of selected fungicides in wine. <i>Journal of Chromatography A</i> , 2009, 1216, 5459-5466.	3.7	122
17	Microwave assisted extraction followed by gas chromatography with tandem mass spectrometry for the determination of triclosan and two related chlorophenols in sludge and sediments. <i>Journal of Chromatography A</i> , 2005, 1082, 128-135.	3.7	118
18	Microwave-assisted extraction of organophosphate flame retardants and plasticizers from indoor dust samples. <i>Journal of Chromatography A</i> , 2007, 1152, 280-286.	3.7	114

#	ARTICLE	IF	CITATIONS
19	Sensitive determination of salicylate and benzophenone type UV filters in water samples using solid-phase microextraction, derivatization and gas chromatography tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 638, 36-44.	5.4	113
20	Solid-phase microextraction with on-fiber derivatization for the analysis of anti-inflammatory drugs in water samples. <i>Journal of Chromatography A</i> , 2004, 1024, 1-8.	3.7	111
21	Screening and Selective Quantification of Illicit Drugs in Wastewater by Mixed-Mode Solid-Phase Extraction and Quadrupole-Time-of-Flight Liquid Chromatographyâ€“Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 1708-1717.	6.5	111
22	Determination of chlorophenols at the sub-ppb level in tap water using derivatization, solid-phase extraction and gas chromatography with plasma atomic emission detection. <i>Journal of Chromatography A</i> , 1996, 721, 297-304.	3.7	105
23	Pressurized liquid extraction with in-cell clean-up followed by gas chromatographyâ€“tandem mass spectrometry for the selective determination of parabens and triclosan in indoor dust. <i>Journal of Chromatography A</i> , 2007, 1161, 105-112.	3.7	103
24	Study of some UV filters stability in chlorinated water and identification of halogenated by-products by gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1178, 206-214.	3.7	100
25	Organophosphorus flame retardants and plasticizers in water and air II. Analytical methodology. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 904-915.	11.4	96
26	Optimization of solid-phase microextraction conditions for the determination of triclosan and possible related compounds in water samples. <i>Journal of Chromatography A</i> , 2005, 1072, 107-115.	3.7	92
27	Dispersive liquidâ€“liquid microextraction applied to the simultaneous derivatization and concentration of triclosan and methyltriclosan in water samples. <i>Journal of Chromatography A</i> , 2009, 1216, 205-210.	3.7	92
28	Applicability of solid-phase microextraction followed by on-fiber silylation for the determination of estrogens in water samples by gas chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1056, 179-185.	3.7	86
29	Solid-phase extraction followed by liquid chromatographyâ€“tandem mass spectrometry for the determination of hydroxylated benzophenone UV absorbers in environmental water samples. <i>Analytica Chimica Acta</i> , 2009, 654, 162-170.	5.4	86
30	Speciation of mercury, tin, and lead compounds by gas chromatography with microwave-induced plasma and atomic-emission detection (GCâ€“MIPâ€“AED). <i>Analytical and Bioanalytical Chemistry</i> , 2002, 372, 74-90.	3.7	79
31	Alcohol and cocaine co-consumption in two European cities assessed by wastewater analysis. <i>Science of the Total Environment</i> , 2015, 536, 91-98.	8.0	78
32	Strategies for the microextraction of polar organic contaminants in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1447-1461.	3.7	77
33	Determination of fungicides in wine by mixed-mode solid phase extraction and liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 7484-7492.	3.7	77
34	Comparison of molecularly imprinted, mixed-mode and hydrophilic balance sorbents performance in the solid-phase extraction of amphetamine drugs from wastewater samples for liquid chromatographyâ€“tandem mass spectrometry determination. <i>Journal of Chromatography A</i> , 2009, 1216, 8435-8441.	3.7	74
35	Selective determination of antimycotic drugs in environmental water samples by mixed-mode solid-phase extraction and liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1339, 42-49.	3.7	74
36	Dispersive liquidâ€“liquid microextraction followed by gas chromatographyâ€“mass spectrometry for the rapid and sensitive determination of UV filters in environmental water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 995-1004.	3.7	73

#	ARTICLE	IF	CITATIONS
37	Species-Selective Analysis by Microcolumn Multicapillary Gas Chromatography with Inductively Coupled Plasma Mass Spectrometric Detection. <i>Analytical Chemistry</i> , 1999, 71, 4534-4543.	6.5	69
38	Speciation Analysis for Organotin Compounds in Biomaterials after Integrated Dissolution, Extraction, and Derivatization in a Focused Microwave Field. <i>Analytical Chemistry</i> , 1996, 68, 4135-4140.	6.5	67
39	On-fibre silylation following solid-phase microextraction for the determination of acidic herbicides in water samples by gas chromatography. <i>Analytica Chimica Acta</i> , 2005, 537, 259-266.	5.4	67
40	Fully automated determination of parabens, triclosan and methyl triclosan in wastewater by microextraction by packed sorbents and gas chromatography–mass spectrometry. <i>Analytica Chimica Acta</i> , 2011, 684, 59-66.	5.4	66
41	Determination of selected UV filters in indoor dust by matrix solid-phase dispersion and gas chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5895-5902.	3.7	65
42	Healthy effect of different proportions of marine ω -3 PUFAs EPA and DHA supplementation in Wistar rats: Lipidomic biomarkers of oxidative stress and inflammation. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1385-1392.	4.2	64
43	Development of a matrix solid-phase dispersion method for the screening of polybrominated diphenyl ethers and polychlorinated biphenyls in biota samples using gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , 2005, 1072, 83-91.	3.7	60
44	Behaviour of pharmaceuticals and personal care products in a sewage treatment plant of northwest Spain. <i>Water Science and Technology</i> , 2005, 52, 29-35.	2.5	59
45	Optimisation of a gas chromatographic–mass spectrometric method for the determination of phenoxy acid herbicides in water samples as silyl derivatives. <i>Analytica Chimica Acta</i> , 2004, 524, 249-256.	5.4	58
46	Mixed-mode solid-phase extraction followed by liquid chromatography–tandem mass spectrometry for the determination of tri- and di-substituted organophosphorus species in water samples. <i>Journal of Chromatography A</i> , 2010, 1217, 1476-1484.	3.7	58
47	Pressurized solvent extraction followed by gas chromatography tandem mass spectrometry for the determination of benzotriazole light stabilizers in indoor dust. <i>Journal of Chromatography A</i> , 2010, 1217, 3729-3735.	3.7	57
48	Optimization of a microwave-assisted derivatization–extraction procedure for the determination of chlorophenols in ash samples. <i>Journal of Chromatography A</i> , 2004, 1024, 155-163.	3.7	56
49	Elemental Speciation Analysis by Multicapillary Gas Chromatography with Microwave-Induced Plasma Atomic Spectrometric Detection. <i>Analytical Chemistry</i> , 1997, 69, 4799-4807.	6.5	55
50	Optimisation of a matrix solid-phase dispersion method for the determination of organophosphate compounds in dust samples. <i>Analytica Chimica Acta</i> , 2007, 590, 17-25.	5.4	55
51	Simplified matrix solid phase dispersion procedure for the determination of parabens and benzophenone-ultraviolet filters in human placental tissue samples. <i>Journal of Chromatography A</i> , 2014, 1371, 39-47.	3.7	55
52	Determination of organophosphate flame retardants and plasticizers in sediment samples using microwave-assisted extraction and gas chromatography with inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2009, 79, 824-829.	5.5	54
53	Simplified sample preparation method for triclosan and methyltriclosan determination in biota and foodstuff samples. <i>Journal of Chromatography A</i> , 2008, 1188, 132-139.	3.7	53
54	Combining stir–bar sorptive extraction and large volume injection–gas chromatography–mass spectrometry for the determination of benzotriazole UV stabilizers in wastewater matrices. <i>Journal of Separation Science</i> , 2012, 35, 459-467.	2.5	51

#	ARTICLE	IF	CITATIONS
55	Determination of chlorophenols in drinking water samples at the subnanogram per millilitre level by gas chromatography with atomic emission detection. <i>Journal of Chromatography A</i> , 1994, 683, 21-29.	3.7	50
56	Pressurized liquid extraction of organophosphate triesters from sediment samples using aqueous solutions. <i>Journal of Chromatography A</i> , 2009, 1216, 6986-6993.	3.7	50
57	Dispersive liquid��liquid microextraction using non-chlorinated, lighter than water solvents for gas chromatography��mass spectrometry determination of fungicides in wine. <i>Journal of Chromatography A</i> , 2011, 1218, 6603-6611.	3.7	49
58	Evaluation of two solid-phase extraction procedures for the preconcentration of chlorophenols in drinking water. <i>Journal of Chromatography A</i> , 1997, 786, 285-292.	3.7	48
59	In-sample acetylation-non-porous membrane-assisted liquid��liquid extraction for the determination of parabens and triclosan in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2559-2568.	3.7	48
60	Characterization of multicapillary gas chromatography��microwave-induced plasma atomic emission spectrometry for the expeditious analysis for organometallic compounds. <i>Journal of Chromatography A</i> , 1998, 795, 359-370.	3.7	47
61	Elemental speciation and coupled techniques��towards faster and reliable analyses. <i>Journal of Analytical Atomic Spectrometry</i> , 1998, 13, 859-867.	3.0	47
62	Solid-phase extraction followed by liquid chromatography quadrupole time-of-flight tandem mass spectrometry for the selective determination of fungicides in wine samples. <i>Journal of Chromatography A</i> , 2011, 1218, 2165-2175.	3.7	47
63	Development of a solid-phase extraction method for the simultaneous determination of chloroanisoles and chlorophenols in red wine using gas chromatography��tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2005, 549, 117-123.	5.4	46
64	Optimization of the coupling of multicapillary GC with ICP-MS for mercury speciation analysis in biological materials. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 851-857.	3.0	45
65	Headspace solid-phase microextraction followed by gas chromatography tandem mass spectrometry for the sensitive determination of benzotriazole UV stabilizers in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 829-839.	3.7	45
66	Simultaneous determination of benzotriazole and benzothiazole derivatives in aqueous matrices by mixed-mode solid-phase extraction followed by liquid chromatography��tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2471-2478.	3.7	44
67	Gas and liquid chromatography with inductively coupled plasma mass spectrometry detection for environmental speciation analysis �� advances and limitations. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2000, 55, 779-793.	2.9	43
68	Optimization of pressurized liquid extraction and purification conditions for gas chromatography��mass spectrometry determination of UV filters in sludge. <i>Journal of Chromatography A</i> , 2011, 1218, 211-217.	3.7	43
69	Determination of phenolic pollutants in drinking water by capillary electrophoresis in the sample stacking mode. <i>Journal of Chromatography A</i> , 1997, 778, 279-288.	3.7	42
70	Assessment of benzophenone-4 reactivity with free chlorine by liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2012, 743, 101-110.	5.4	42
71	Speciation of mercury by ICP-MS after on-line capillary cryofocussing and ambient temperature multicapillary gas chromatography. <i>Analytical Communications</i> , 1998, 35, 331-335.	2.2	41
72	Multicapillary column gas chromatography with element-selective detection. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 449-460.	11.4	41

#	ARTICLE	IF	CITATIONS
73	Determination of chlorophenols in drinking water with high resolution gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 1996, 743, 283-292.	3.7	40
74	Determination of polychlorinated biphenyls in ash using dimethylsulfoxide microwave assisted extraction followed by solid-phase microextraction. <i>Talanta</i> , 2004, 63, 533-540.	5.5	40
75	Assessment of gas chromatography time-of-flight accurate mass spectrometry for identification of volatile and semi-volatile compounds in honey. <i>Talanta</i> , 2014, 129, 505-515.	5.5	40
76	Multiclass semi-volatile compounds determination in wine by gas chromatography accurate time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1442, 107-117.	3.7	40
77	Purge-and-Trap Isothermal Multicapillary Gas Chromatographic Sample Introduction Accessory for Speciation of Mercury by Microwave-Induced Plasma Atomic Emission Spectrometry. <i>Analytical Chemistry</i> , 1998, 70, 4063-4069.	6.5	39
78	Evaluation of liquid-liquid microextraction using polypropylene microporous membranes for the determination of organophosphorus flame retardants and plasticizers in water samples. <i>Analytica Chimica Acta</i> , 2008, 625, 145-153.	5.4	39
79	Fast Species-selective Screening for Organolead Compounds in Gasoline by Multicapillary Gas Chromatography With Microwave-induced Plasma Atomic Emission Detection. <i>Journal of Analytical Atomic Spectrometry</i> , 1997, 12, 1381-1385.	3.0	38
80	A new treatment by dispersive liquid-liquid microextraction for the determination of parabens in human serum samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7259-7267.	3.7	37
81	Time-of-flight mass spectrometry assessment of fluconazole and climbazole UV and UV/H ₂ O ₂ degradability: Kinetics study and transformation products elucidation. <i>Water Research</i> , 2016, 88, 681-690.	11.3	37
82	Speciation of organotin compounds in marine biomaterials after basic leaching in a non-focused microwave extractor equipped with pressurized vessels. <i>Journal of Chromatography A</i> , 1997, 774, 379-387.	3.7	36
83	Determination of mercury species in fish reference materials by isothermal multicapillary gas chromatography with atomic emission detection after microwave-assisted solubilization and solvent extraction. <i>Journal of Analytical Atomic Spectrometry</i> , 1998, 13, 743-747.	3.0	36
84	Determination of hydroxylated stilbenes in wine by dispersive liquid-liquid microextraction followed by gas chromatography mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1258, 21-29.	3.7	36
85	Combination of solid-phase extraction procedures with gas chromatographic hyphenated techniques for chlorophenol determination in drinking water. <i>TrAC - Trends in Analytical Chemistry</i> , 1997, 16, 463-475.	11.4	35
86	Mixed-mode solid-phase extraction followed by acetylation and gas chromatography mass spectrometry for the reliable determination of trans-resveratrol in wine samples. <i>Analytica Chimica Acta</i> , 2010, 673, 47-53.	5.4	35
87	Gas chromatography quadrupole time-of-flight mass spectrometry determination of benzotriazole ultraviolet stabilizers in sludge samples. <i>Journal of Chromatography A</i> , 2013, 1293, 126-132.	3.7	33
88	Investigation of the transformation of 11-nor-9-carboxy- Δ^9 -tetrahydrocannabinol during water chlorination by liquid chromatography-quadrupole-time-of-flight-mass spectrometry. <i>Journal of Hazardous Materials</i> , 2013, 261, 628-636.	12.4	33
89	Determination of benzotriazoles in water samples by concurrent derivatization-liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1336, 1-9.	3.7	33
90	Selective extraction and determination of neonicotinoid insecticides in wine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1460, 9-15.	3.7	33

#	ARTICLE	IF	CITATIONS
91	Matrix solid-phase dispersion followed by gas chromatography-mass spectrometry for the determination of triclosan and methyl triclosan in sludge and sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2289-2297.	3.7	32
92	Fast and simultaneous determination of tin and mercury species using SPME, multicapillary gas chromatography and MIP-AES detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 904-907.	3.0	31
93	Optimization of a microwave-assisted extraction method for the analysis of polychlorinated biphenyls in ash samples. <i>Journal of Chromatography A</i> , 2003, 985, 137-145.	3.7	31
94	Matrix solid-phase dispersion followed by gas chromatography tandem mass spectrometry for the determination of benzotriazole UV absorbers in sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 519-527.	3.7	31
95	Selective extraction of antimycotic drugs from sludge samples using matrix solid-phase dispersion followed by on-line clean-up. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 907-917.	3.7	31
96	Mixed-mode solid-phase extraction followed by dispersive liquid-liquid microextraction for the sensitive determination of ethylphenols in red wines. <i>Journal of Chromatography A</i> , 2012, 1229, 79-85.	3.7	30
97	Lipidomic analysis of polyunsaturated fatty acids and their oxygenated metabolites in plasma by solid-phase extraction followed by LC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2827-2839.	3.7	30
98	Photodegradation of nitenpyram under UV and solar radiation: Kinetics, transformation products identification and toxicity prediction. <i>Science of the Total Environment</i> , 2018, 644, 995-1005.	8.0	30
99	Rapid determination of butyltin species in water samples by multicapillary gas chromatography with atomic emission detection following headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , 2002, 963, 195-203.	3.7	29
100	Comprehensive evaluation of the photo-transformation routes of trans-resveratrol. <i>Journal of Chromatography A</i> , 2015, 1410, 129-139.	3.7	29
101	Evaluation of low-cost disposable polymeric materials for sorptive extraction of organic pollutants in water samples. <i>Analytica Chimica Acta</i> , 2012, 716, 119-127.	5.4	28
102	Investigation of liquid chromatography quadrupole time-of-flight mass spectrometry performance for identification and determination of hydroxylated stilbene antioxidants in wine. <i>Journal of Chromatography A</i> , 2014, 1337, 162-170.	3.7	28
103	Applicability of solid-phase microextraction combined with gas chromatography atomic emission detection (GC-MIP AED) for the determination of butyltin compounds in sediment samples. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 853-857.	3.7	27
104	Suitability of polypropylene microporous membranes for liquid- and solid-phase extraction of halogenated anisoles from water samples. <i>Journal of Chromatography A</i> , 2008, 1198-1199, 21-26.	3.7	27
105	Selective determination of sartan drugs in environmental water samples by mixed-mode solid-phase extraction and liquid chromatography tandem mass spectrometry. <i>Chemosphere</i> , 2019, 224, 562-571.	8.2	27
106	Flash Species-selective Analysis by Multicapillary Gas Chromatography with Microwave Induced Plasma Atomic Spectrometric Detection. <i>Analytical Communications</i> , 1997, 34, 141-143.	2.2	26
107	Solid-phase microextraction followed by gas chromatography-mass spectrometry for the determination of ink photo-initiators in packed milk. <i>Talanta</i> , 2010, 82, 296-303.	5.5	26
108	Application of strategic sample composition to the screening of anti-inflammatory drugs in water samples using solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2004, 524, 63-71.	5.4	25

#	ARTICLE	IF	CITATIONS
109	Identification and determination of chlorinated azoles in sludge using liquid chromatography quadrupole time-of-flight and triple quadrupole mass spectrometry platforms. <i>Journal of Chromatography A</i> , 2016, 1476, 69-76.	3.7	24
110	Application of matrix solid-phase dispersion to the determination of polychlorinated biphenyls in fat by gas chromatography with electron-capture and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2004, 1056, 187-194.	3.7	23
111	Rapid screening of polychlorinated biphenyls in sediments using non-equilibrium solid-phase microextraction and fast gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , 2006, 1124, 43-50.	3.7	23
112	Liquid chromatography quadrupole time-of-flight mass spectrometry quantification and screening of organophosphate compounds in sludge. <i>Talanta</i> , 2014, 118, 312-320.	5.5	23
113	Liquid chromatography time-of-flight mass spectrometry following sorptive microextraction for the determination of fungicide residues in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 767-775.	3.7	22
114	Polyethersulfone solid-phase microextraction followed by liquid chromatography quadrupole time-of-flight mass spectrometry for benzotriazoles determination in water samples. <i>Journal of Chromatography A</i> , 2013, 1299, 40-47.	3.7	22
115	Assessment of alcoholic distillates for the extraction of bioactive polyphenols from grapevine canes. <i>Industrial Crops and Products</i> , 2018, 111, 99-106.	5.2	22
116	BUTYLINS IN SEDIMENTS AND THREE-SPINED STICKLEBACK (<i>GASTEROSTEUS ACULLEATUS</i>) FROM THE MARINAS OF THE GULF OF GDAŃSK, BALTIC SEA. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 353-363.	1.7	21
117	Selective determination of polychlorinated biphenyls in waste oils using liquid-liquid partition followed by headspace solid-phase microextraction and gas chromatography with atomic emission detection. <i>Journal of Chromatography A</i> , 2004, 1056, 263-266.	3.7	21
118	Transformation of cocaine during water chlorination. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 3135-3144.	3.7	21
119	Optimization of matrix solid-phase dispersion conditions for UV filters determination in biota samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1174-1188.	3.3	20
120	Liquid chromatography quadrupole time-of-flight mass spectrometry selective determination of ochratoxin A in wine. <i>Food Chemistry</i> , 2016, 199, 401-408.	8.2	20
121	Dispersive liquid-liquid microextraction and gas chromatography accurate mass spectrometry for extraction and non-targeted profiling of volatile and semi-volatile compounds in grape marc distillates. <i>Journal of Chromatography A</i> , 2018, 1546, 36-45.	3.7	20
122	Assessment of gas chromatography time-of-flight mass spectrometry for the screening of semi-volatile compounds in indoor dust. <i>Science of the Total Environment</i> , 2019, 688, 162-173.	8.0	20
123	Transformation of methadone and its main human metabolite, 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP), during water chlorination. <i>Water Research</i> , 2015, 68, 759-770.	11.3	19
124	Multiresidue procedure to assess the occurrence and dissipation of fungicides and insecticides in vineyard soils from Northwest Spain. <i>Chemosphere</i> , 2020, 261, 127696.	8.2	19
125	Speciation of organotin in sediments by multicapillary gas chromatography with atomic emission detection after microwave-assisted leaching and solvent extraction-derivatization. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 363, 460-465.	1.5	18
126	Simultaneous determination of butyltin and phenyltin species in sediments using ultrasound-assisted leaching. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 872-877.	1.5	18

#	ARTICLE	IF	CITATIONS
127	Alternative sorptive extraction method for gas chromatography determination of halogenated anisoles in water and wine samples. <i>Analytica Chimica Acta</i> , 2007, 599, 84-91.	5.4	18
128	Dispersive liquid��liquid microextraction with non-halogenated extractants for trihalomethanes determination in tap and swimming pool water. <i>Talanta</i> , 2012, 99, 846-852.	5.5	18
129	Free chlorine reactions of angiotensin II receptor antagonists: Kinetics study, transformation products elucidation and in-silico ecotoxicity assessment. <i>Science of the Total Environment</i> , 2019, 647, 1000-1010.	8.0	18
130	Identification and determination of emerging pollutants in sewage sludge driven by UPLC-QTOF-MS data mining. <i>Science of the Total Environment</i> , 2021, 778, 146256.	8.0	18
131	Matrix solid-phase dispersion and solid-phase microextraction applied to study the distribution of fenbutatin oxide in grapes and white wine. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 2601-2610.	3.7	17
132	Evaluation of polyethersulfone performance for the microextraction of polar chlorinated herbicides from environmental water samples. <i>Talanta</i> , 2014, 122, 264-271.	5.5	17
133	Assessment of dispersive liquid��liquid microextraction conditions for gas chromatography time-of-flight mass spectrometry identification of organic compounds in honey. <i>Journal of Chromatography A</i> , 2014, 1368, 26-36.	3.7	17
134	Evaluation of nitrate effects in the aqueous photodegradability of selected phenolic pollutants. <i>Chemosphere</i> , 2017, 185, 127-136.	8.2	17
135	Multianalyte, high-throughput liquid chromatography tandem mass spectrometry method for the sensitive determination of fungicides and insecticides in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1139-1150.	3.7	17
136	Direct analysis in real time accurate mass spectrometry determination of bisphenol A in thermal printing paper. <i>Talanta</i> , 2019, 205, 120086.	5.5	17
137	Suitability of polydimethylsiloxane rods for the headspace sorptive extraction of polybrominated diphenyl ethers from water samples. <i>Journal of Chromatography A</i> , 2007, 1143, 41-47.	3.7	16
138	Silicone discs as disposable enrichment probes for gas chromatography-mass spectrometry determination of UV filters in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 603-611.	3.7	16
139	Determination of cardiovascular drugs in sewage sludge by matrix solid-phase dispersion and ultra-performance liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6807-6817.	3.7	16
140	Fabric phase sorptive extraction followed by ultra-performance liquid chromatography-tandem mass spectrometry for the determination of fungicides and insecticides in wine. <i>Journal of Chromatography A</i> , 2019, 1584, 13-23.	3.7	16
141	Interface for time-resolved introduction of gaseous analytes for atomic spectrometry by purge-and-trap multicapillary gas chromatography (PTMGC). <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1998, 53, 867-879.	2.9	15
142	Determination of polychlorinated biphenyl compounds in indoor air samples. <i>Journal of Chromatography A</i> , 2002, 963, 65-71.	3.7	15
143	Solid-phase microextraction with simultaneous oxidative sample treatment for the sensitive determination of tetra- to hexa-brominated diphenyl ethers in sediments. <i>Journal of Chromatography A</i> , 2010, 1217, 14-21.	3.7	15
144	Analysis of structural isomers of polychlorinated phenols in water by liquid-nitrogen-trapping gas chromatography-Fourier transform infrared spectroscopy. <i>Journal of Chromatography A</i> , 1996, 733, 405-416.	3.7	14

145	Evaluation of supercritical fluid chromatography accurate mass spectrometry for neonicotinoid compounds determination in wine samples. <i>Journal of Chromatography A</i> , 2020, 1620, 460963.	3.7	14
146	Quantification of two chromatographic unresolved dichlorophenols using gas chromatography-direct deposition-fourier transform infrared spectrometry and multivariate calibration. <i>Journal of Chromatography A</i> , 1996, 750, 341-349.	3.7	13
147	Sorptive extraction with in-sample acetylation for gas chromatography-mass spectrometry determination of ethylphenol species in wine samples. <i>Journal of Chromatography A</i> , 2010, 1217, 7208-7214.	3.7	13
148	Evaluation of the aqueous phototransformation routes of phenyl ethyl azolic fungicides by liquid chromatography accurate mass spectrometry. <i>Science of the Total Environment</i> , 2018, 615, 942-954.	8.0	13
149	Pressurized liquid extraction followed by gas chromatography with atomic emission detection for the determination of fenbutatin oxide in soil samples. <i>Talanta</i> , 2009, 79, 598-602.	5.5	12
150	Optimization of matrix solid-phase dispersion conditions for organic fungicides determination in soil samples. <i>Journal of Separation Science</i> , 2012, 35, 853-860.	2.5	12
151	Assessment of silicone as support to investigate the transformation routes of organic chemicals under environmental conditions and UV exposure. Application to selected fungicides. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4187-4198.	3.7	12
152	Determination of the cardiac drug amiodarone and its N-desethyl metabolite in sludge samples. <i>Journal of Chromatography A</i> , 2015, 1394, 62-70.	3.7	12
153	Portable dehumidifiers condensed water: A novel matrix for the screening of semi-volatile compounds in indoor air. <i>Chemosphere</i> , 2020, 251, 126346.	8.2	11
154	Determination of pesticide residues in wine by solid-phase extraction on-line combined with liquid chromatography tandem mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2021, 104, 104184.	3.9	11
155	Approaches to liquid chromatography tandem mass spectrometry assessment of glyphosate residues in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1445-1455.	3.7	10
156	Headspace solid-phase microextraction of halogenated toluenes in environmental aqueous samples with polypropylene microporous membranes. <i>Journal of Chromatography A</i> , 2009, 1216, 2825-2831.	3.7	8
157	Liquid chromatography time-of-flight mass spectrometry evaluation of fungicides reactivity in free chlorine containing water samples. <i>Journal of Mass Spectrometry</i> , 2013, 48, 216-226.	1.6	8
158	Identification of antimycotic drugs transformation products upon UV exposure. <i>Journal of Hazardous Materials</i> , 2015, 289, 72-82.	12.4	8
159	Assessment of quinoxifen phototransformation pathways by liquid chromatography coupled to accurate mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2981-2991.	3.7	8
160	Residues of anilinopyrimidine fungicides and suspected metabolites in wine samples. <i>Journal of Chromatography A</i> , 2020, 1622, 461104.	3.7	8
161	Analytical Characterization of Polyphenols from <i>Tara</i> and <i>Caesalpinia decapetala</i> as Stabilizers of O/W Emulsions. <i>Journal of Food Science</i> , 2016, 81, C2676-C2685.	3.1	7
162	Assessment of direct analysis in real time accurate mass spectrometry for the determination of triclosan in complex matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6355-6364.	3.7	7

#	ARTICLE	IF	CITATIONS
163	Time-of-flight accurate mass spectrometry identification of quinoline alkaloids in honey. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6159-6170.	3.7	6
164	Supercritical fluid chromatography-mass spectrometric determination of chiral fungicides in viticulture-related samples. <i>Journal of Chromatography A</i> , 2021, 1644, 462124.	3.7	6
165	Evaluation of nitrate effects in the photodegradability of cyprodinil. Kinetics study and transformation products elucidation. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4455-4464.	3.7	5
166	Accurate determination of 3-alkyl-2-methoxypyrazines in wines by gas chromatography quadrupole time-of-flight tandem mass spectrometry following solid-phase extraction and dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2017, 1515, 30-36.	3.7	5
167	Solid-phase extraction and fractionation of multiclass pollutants from wastewater followed by liquid chromatography tandem-mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4149-4165.	3.7	5
168	Supercritical fluid chromatography time-of-flight mass spectrometry enantiomeric determination of basic drugs in sewage samples. <i>Journal of Chromatography A</i> , 2022, 1673, 463088.	3.7	5
169	Chlorhexidine residues in sludge from municipal wastewater treatment plants: analytical determination and toxicity evaluation. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 6571-6580.	3.7	5
170	Comparison of UV, chlorination, UV-hydrogen peroxide and UV-chlorine processes for tramadol removal: Kinetics study and transformation products identification. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107854.	6.7	4
171	Assessment of UV combined with free chlorine for removal of valsartan acid from water samples. <i>Science of the Total Environment</i> , 2021, 762, 143173.	8.0	3
172	Chapter 2.5 Analysis of acidic drugs by gas chromatography. <i>Comprehensive Analytical Chemistry</i> , 2007, , 185-218.	1.3	2
173	High-Resolution Mass Spectrometry Identification of Micropollutants Transformation Products Produced During Water Disinfection With Chlorine and Related Chemicals. <i>Comprehensive Analytical Chemistry</i> , 2016, 71, 283-334.	1.3	1
174	Liquid chromatography quadrupole time-of-flight mass spectrometry identification and determination of tria- and hexaaryl chloro imidazoles in sewage sludge. <i>Journal of Mass Spectrometry</i> , 2017, 52, 69-77.	1.6	1