

Rosa Maria MarcÃ© i Recasens

List of Publications by Year in descending order

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253
papers

13,698
citations

15504

65
h-index

32842

100
g-index

257
all docs

257
docs citations

257
times ranked

10374
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of a Broad Range of Legacy and Emerging Flame Retardants in Indoor Environments in Norway. <i>Environmental Science & Technology</i> , 2014, 48, 6827-6835.	10.0	309
2	Application of molecularly imprinted polymers to solid-phase extraction of compounds from environmental and biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 143-154.	11.4	300
3	Molecularly-imprinted polymers: useful sorbents for selective extractions. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1363-1375.	11.4	257
4	New materials in sorptive extraction techniques for polar compounds. <i>Journal of Chromatography A</i> , 2007, 1152, 14-31.	3.7	256
5	Determination of phthalate esters in water samples by solid-phase microextraction and gas chromatography with mass spectrometric detection. <i>Journal of Chromatography A</i> , 2000, 872, 191-201.	3.7	226
6	Molecularly imprinted polymers: new tailor-made materials for selective solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2001, 20, 477-486.	11.4	226
7	Chronic risk assessment of exposure to volatile organic compounds in the atmosphere near the largest Mediterranean industrial site. <i>Environment International</i> , 2012, 39, 200-209.	10.0	217
8	Synthesis and Evaluation of a Molecularly Imprinted Polymer for Selective On-Line Solid-Phase Extraction of 4-Nitrophenol from Environmental Water. <i>Analytical Chemistry</i> , 2000, 72, 4122-4126.	6.5	188
9	Human exposure pathways to organophosphate triesters – A biomonitoring study of mother-child pairs. <i>Environment International</i> , 2015, 75, 159-165.	10.0	185
10	Solid-phase microextraction coupled to high-performance liquid chromatography to determine phenolic compounds in water samples. <i>Journal of Chromatography A</i> , 2002, 953, 79-87.	3.7	175
11	New hydrophilic materials for solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 394-406.	11.4	175
12	New polymeric and other types of sorbents for solid-phase extraction of polar organic micropollutants from environmental water. <i>TrAC - Trends in Analytical Chemistry</i> , 1998, 17, 384-394.	11.4	172
13	Sampling and preconcentration techniques for determination of volatile organic compounds in air samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 347-361.	11.4	172
14	Risk Assessment Related to Atmospheric Polycyclic Aromatic Hydrocarbons in Gas and Particle Phases near Industrial Sites. <i>Environmental Health Perspectives</i> , 2011, 119, 1110-1116.	6.0	170
15	Occurrence and distribution of nonionic surfactants, their degradation products, and linear alkylbenzene sulfonates in coastal waters and sediments in Spain. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 37-46.	4.3	161
16	Pressurized liquid extraction: A useful technique to extract pharmaceuticals and personal-care products from sewage sludge. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 752-764.	11.4	157
17	Non-covalent and semi-covalent molecularly imprinted polymers for selective on-line solid-phase extraction of 4-nitrophenol from water samples. <i>Journal of Chromatography A</i> , 2002, 963, 169-178.	3.7	152
18	Occurrence of polybrominated diphenylethers, polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls in coastal sediments from Spain. <i>Environmental Pollution</i> , 2005, 136, 493-501.	7.5	150

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19	Solid-phase extraction of polycyclic aromatic compounds. <i>Journal of Chromatography A</i> , 2000, 885, 273-290.	3.7	148
20	Trends in solid-phase microextraction for determining organic pollutants in environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 557-568.	11.4	145
21	On-line solid-phase extraction with molecularly imprinted polymers to selectively extract substituted 4-chlorophenols and 4-nitrophenol from water. <i>Journal of Chromatography A</i> , 2003, 995, 233-238.	3.7	144
22	Method based on solid-phase microextraction and high-performance liquid chromatography with UV and electrochemical detection to determine estrogenic compounds in water samples. <i>Journal of Chromatography A</i> , 2002, 964, 153-160.	3.7	141
23	Ultra-high-performance liquid chromatography-tandem mass spectrometry for determining the presence of eleven personal care products in surface and wastewaters. <i>Journal of Chromatography A</i> , 2009, 1216, 6994-7000.	3.7	136
24	Comparison of different fibers for the solid-phase microextraction of phthalate esters from water. <i>Journal of Chromatography A</i> , 2001, 922, 377-384.	3.7	132
25	Solid-phase microextraction and gas chromatography with mass spectrometric detection for the determination of pesticides in aqueous samples. <i>Journal of Chromatography A</i> , 1998, 795, 105-115.	3.7	124
26	Synthesis by precipitation polymerisation of molecularly imprinted polymer microspheres for the selective extraction of carbamazepine and oxcarbazepine from human urine. <i>Journal of Chromatography A</i> , 2009, 1216, 2248-2253.	3.7	118
27	Determination of personal care products in sewage sludge by pressurized liquid extraction and ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5619-5625.	3.7	116
28	A new molecularly imprinted polymer for the selective extraction of naproxen from urine samples by solid-phase extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 813, 137-143.	2.3	114
29	New coatings for stir-bar sorptive extraction of polar emerging organic contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 54, 11-23.	11.4	114
30	Hypercrosslinked materials: preparation, characterisation and applications. <i>Polymer Chemistry</i> , 2015, 6, 7231-7244.	3.9	112
31	Novel enrofloxacin imprinted polymer applied to the solid-phase extraction of fluorinated quinolones from urine and tissue samples. <i>Analytica Chimica Acta</i> , 2006, 562, 145-151.	5.4	107
32	Chemically modified polymeric resin used as sorbent in a solid-phase extraction process to determine phenolic compounds in water. <i>Journal of Chromatography A</i> , 1997, 771, 55-61.	3.7	105
33	Synthesis and application of a carbamazepine-imprinted polymer for solid-phase extraction from urine and wastewater. <i>Analytica Chimica Acta</i> , 2007, 597, 6-11.	5.4	104
34	Mixed-mode ion-exchange polymeric sorbents: dual-phase materials that improve selectivity and capacity. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 765-779.	11.4	100
35	Evaluation of a new hypercrosslinked polymer as a sorbent for solid-phase extraction of polar compounds. <i>Journal of Chromatography A</i> , 2005, 1075, 51-56.	3.7	99
36	New chemically modified polymeric resin for solid-phase extraction of pesticides and phenolic compounds from water. <i>Journal of Chromatography A</i> , 1998, 803, 147-155.	3.7	98

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37	Ionic liquids in solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 41, 15-26.	11.4	98
38	Determination of antibiotic compounds in water by solid-phase extractionâ€“high-performance liquid chromatographyâ€“(electrospray) mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1010, 225-232.	3.7	97
39	Synthesis and application of an oxytetracycline imprinted polymer for the solid-phase extraction of tetracycline antibiotics. <i>Analytica Chimica Acta</i> , 2005, 552, 81-86.	5.4	96
40	Determination of carboxylic acids, sugars, glycerol and ethanol in wine and grape must by ion-exchange high-performance liquid chromatography with refractive index detection. <i>Journal of Chromatography A</i> , 1992, 590, 215-222.	3.7	95
41	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1269-1278.	11.4	91
42	Presence of Pharmaceuticals and Hormones in Waters from Sewage Treatment Plants. <i>Water, Air, and Soil Pollution</i> , 2011, 217, 267-281.	2.4	91
43	Determination of macrolide antibiotics in meat and fish using pressurized liquid extraction and liquid chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1208, 83-89.	3.7	89
44	Comparison of different sorbents for on-line solid-phase extraction of pesticides and phenolic compounds from natural water followed by liquid chromatography. <i>Journal of Chromatography A</i> , 1998, 793, 257-263.	3.7	88
45	Occurrence of pharmaceuticals and hormones in sewage sludge. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1484-1489.	4.3	88
46	Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers. <i>Environment International</i> , 2014, 71, 139-147.	10.0	87
47	Novel coatings for stir bar sorptive extraction to determine pharmaceuticals and personal care products in environmental waters by liquid chromatography and tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 774, 51-60.	5.4	86
48	Pharmaceutical determination in surface and wastewaters using high-performance liquid chromatography-(electrospray)-mass spectrometry. <i>Journal of Separation Science</i> , 2007, 30, 297-303.	2.5	85
49	Supported imidazolium ionic liquid phases: A new material for solid-phase extraction. <i>Talanta</i> , 2009, 80, 250-256.	5.5	84
50	Separation of eleven priority phenols by capillary zone electrophoresis with ultraviolet detection. <i>Journal of Chromatography A</i> , 1996, 734, 367-373.	3.7	83
51	Estrogens and their conjugates: Determination in water samples by solid-phase extraction and liquid chromatographyâ€“tandem mass spectrometry. <i>Talanta</i> , 2009, 78, 1327-1331.	5.5	83
52	Determination of phenolic compounds in natural waters by liquid chromatography with ultraviolet and electrochemical detection after on-line trace enrichment. <i>Journal of Chromatography A</i> , 1996, 738, 1-9.	3.7	82
53	Monitoring of pesticides in river water based on samples previously stored in polymeric cartridges followed by on-line solid-phase extraction-liquid chromatographyâ€“diode array detection and confirmation by atmospheric pressure chemical ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 1999, 386, 237-248.	5.4	80
54	Comparison of automated on-line solid-phase extraction followed by liquid chromatographyâ€“mass spectrometry with atmospheric pressure chemical ionization and particle beam mass spectrometry for the determination of a priority group of pesticides in environmental waters. <i>Journal of Chromatography A</i> , 1998, 794, 147-163.	3.7	79

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55	Determination of natural and synthetic estrogens and their conjugates in sewage sludge by pressurized liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1213, 224-230.	3.7	78
56	An overview of analytical methods and occurrence of benzotriazoles, benzothiazoles and benzenesulfonamides in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 62, 46-55.	11.4	76
57	Determination of pesticides in environmental waters by solid-phase extraction and gas chromatography with electron-capture and mass spectrometry detection. <i>Journal of Chromatography A</i> , 1997, 771, 221-231.	3.7	73
58	Occurrence of Antifouling Biocides in the Spanish Mediterranean Marine Environment. <i>Environmental Technology (United Kingdom)</i> , 2001, 22, 543-552.	2.2	73
59	Stir bar sorptive extraction and large volume injection gas chromatography to determine a group of endocrine disruptors in water samples. <i>Journal of Chromatography A</i> , 2003, 1007, 1-9.	3.7	73
60	Hydrophilic hypercrosslinked polymeric sorbents for the solid-phase extraction of polar contaminants from water. <i>Journal of Chromatography A</i> , 2010, 1217, 3238-3243.	3.7	73
61	Development and application of a polar coating for stir bar sorptive extraction of emerging pollutants from environmental water samples. <i>Analytica Chimica Acta</i> , 2011, 706, 135-142.	5.4	71
62	Stir-bar-sorptive extraction and ultra-high-performance liquid chromatography-tandem mass spectrometry for simultaneous analysis of UV filters and antimicrobial agents in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2833-2839.	3.7	70
63	Synthesis of Davankov-type hypercrosslinked resins using different isomer compositions of vinylbenzyl chloride monomer, and application in the solid-phase extraction of polar compounds. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1718-1728.	2.3	69
64	Comparing human exposure to emerging and legacy flame retardants from the indoor environment and diet with concentrations measured in serum. <i>Environment International</i> , 2015, 74, 54-59.	10.0	69
65	Determination of volatile organic compounds in urban and industrial air from Tarragona by thermal desorption and gas chromatography-mass spectrometry. <i>Talanta</i> , 2007, 72, 941-950.	5.5	67
66	Application of on-line solid-phase extraction-gas chromatography-mass spectrometry to the determination of endocrine disruptors in water samples. <i>Journal of Chromatography A</i> , 2002, 963, 287-294.	3.7	66
67	Solid-phase extraction of polar compounds with a hydrophilic copolymeric sorbent. <i>Journal of Chromatography A</i> , 2004, 1030, 63-68.	3.7	65
68	Comparative study of solvent extraction and thermal desorption methods for determining a wide range of volatile organic compounds in ambient air. <i>Talanta</i> , 2010, 82, 719-727.	5.5	65
69	Determination of volatile organic sulfur compounds in the air at sewage management areas by thermal desorption and gas chromatography-mass spectrometry. <i>Talanta</i> , 2008, 74, 562-569.	5.5	64
70	Determination of glucocorticoids in sewage and river waters by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1224, 19-26.	3.7	64
71	Determination of eleven priority EPA phenolics at ng L ⁻¹ levels by on-line solid-phase extraction and liquid chromatography with UV and electrochemical detection. <i>Chromatographia</i> , 1998, 47, 176-182.	1.3	63
72	Efficient tandem solid-phase extraction and liquid chromatography-triple quadrupole mass spectrometry method to determine polar benzotriazole, benzothiazole and benzenesulfonamide contaminants in environmental water samples. <i>Journal of Chromatography A</i> , 2013, 1309, 22-32.	3.7	63

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73	Solid-phase Extraction of Phenols and Pesticides in Water With a Modified Polymeric Resin. <i>Analyst</i> , The, 1997, 122, 425-428.	3.5	62
74	Determination of parabens in house dust by pressurised hot water extraction followed by stir bar sorptive extraction and thermal desorption-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 6226-6231.	3.7	62
75	Automated on-line trace enrichment and determination of phenolic compounds in environmental waters by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1995, 696, 31-39.	3.7	61
76	Direct determination of ciprofloxacin by mass spectrometry after a two-step solid-phase extraction using a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2006, 29, 1230-1236.	2.5	61
77	Determination of high-intensity sweeteners in river water and wastewater by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1393, 106-114.	3.7	60
78	Synthesis and application of hypercrosslinked polymers with weak cation-exchange character for the selective extraction of basic pharmaceuticals from complex environmental water samples. <i>Journal of Chromatography A</i> , 2010, 1217, 1575-1582.	3.7	59
79	Determination of endocrine-disrupting compounds in water samples by on-line solid-phase extraction-programmed-temperature vapourisation-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 998, 41-50.	3.7	58
80	Quantification from highly drifted and overlapped chromatographic peaks using second-order calibration methods. <i>Journal of Chromatography A</i> , 2004, 1035, 195-202.	3.7	58
81	Analytical methods for personal-care products in environmental waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 749-760.	11.4	58
82	Determination of nicotine and N-nitrosamines in house dust by pressurized liquid extraction and comprehensive gas chromatography-Nitrogen chemiluminescence detection. <i>Journal of Chromatography A</i> , 2012, 1219, 180-187.	3.7	57
83	Synthetic approaches to parabens molecularly imprinted polymers and their applications to the solid-phase extraction of river water samples. <i>Analytica Chimica Acta</i> , 2010, 677, 72-78.	5.4	55
84	Development of a thermal desorption-gas chromatography-mass spectrometry method for determining personal care products in air. <i>Journal of Chromatography A</i> , 2010, 1217, 4430-4438.	3.7	55
85	A high-throughput method for determination of metabolites of organophosphate flame retardants in urine by ultra performance liquid chromatography-high resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 845, 98-104.	5.4	55
86	Pressurized liquid extraction of pharmaceuticals from sewage-sludge. <i>Journal of Separation Science</i> , 2007, 30, 979-984.	2.5	54
87	A quick, easy, cheap, effective, rugged and safe extraction method followed by liquid chromatography-(Orbitrap) high resolution mass spectrometry to determine benzotriazole, benzothiazole and benzenesulfonamide derivatives in sewage sludge. <i>Journal of Chromatography A</i> , 2014, 1339, 34-41.	3.7	54
88	Improvement of on-line solid-phase extraction for determining phenolic compounds in water. <i>Chromatographia</i> , 1995, 41, 521-526.	1.3	53
89	Determination of phenolic compounds at low $\hat{1}/4g\ 1\hat{a}^1$ levels by various solid-phase extractions followed by liquid chromatography and diode-array detection. <i>Journal of Chromatography A</i> , 1996, 719, 105-112.	3.7	53
90	Monodisperse, hypercrosslinked polymer microspheres as tailor-made sorbents for highly efficient solid-phase extractions of polar pollutants from water samples. <i>Journal of Chromatography A</i> , 2008, 1191, 118-124.	3.7	53

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91	Selective materials for solid-phase extraction in environmental analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2014, 1, e8-e18.	10.3	52
92	Comparison of triple quadrupole mass spectrometry and Orbitrap high-resolution mass spectrometry in ultrahigh performance liquid chromatography for the determination of veterinary drugs in sewage: benefits and drawbacks. <i>Journal of Mass Spectrometry</i> , 2014, 49, 585-596.	1.6	52
93	OCCLURENCE OF TWENTY-SIX ENDOCRINE-DISRUPTING COMPOUNDS IN ENVIRONMENTAL WATER SAMPLES FROM CATALONIA, SPAIN. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 261.	4.3	51
94	Characterization of ozone precursor volatile organic compounds in urban atmospheres and around the petrochemical industry in the Tarragona region. <i>Science of the Total Environment</i> , 2009, 407, 4312-4319.	8.0	51
95	Solid-phase microextraction of the antifouling Irgarol 1051 and the fungicides dichlofluanid and 4-chloro-3-methylphenol in water samples. <i>Journal of Chromatography A</i> , 1999, 839, 253-260.	3.7	50
96	Simultaneous determination of parabens and synthetic musks in water by stir bar sorptive extraction and thermal desorption-gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 580-588.	2.5	49
97	Preparation of a polar monolithic stir bar based on methacrylic acid and divinylbenzene for the sorptive extraction of polar pharmaceuticals from complex water samples. <i>Journal of Chromatography A</i> , 2012, 1225, 1-7.	3.7	48
98	Optimization of solid-phase microextraction conditions using a response surface methodology to determine organochlorine pesticides in water by gas chromatography and electron-capture detection. <i>Journal of Chromatography A</i> , 1999, 844, 425-432.	3.7	47
99	Determination of polycyclic aromatic hydrocarbons and polycyclic aromatic sulfur heterocycles by high-performance liquid chromatography with fluorescence and atmospheric pressure chemical ionization mass spectrometry detection in seawater and sediment samples. <i>Journal of Chromatography A</i> , 2002, 958, 141-148.	3.7	47
100	Development of a stir bar sorptive extraction and thermal desorption-gas chromatography-mass spectrometry method for determining synthetic musks in water samples. <i>Journal of Chromatography A</i> , 2011, 1218, 156-161.	3.7	47
101	Occurrence of benzothiazole, benzotriazole and benzenesulfonamide derivatives in outdoor air particulate matter samples and human exposure assessment. <i>Chemosphere</i> , 2018, 193, 557-566.	8.2	47
102	Drugs of abuse and their metabolites in waste and surface waters by liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2011, 34, 1091-1101.	2.5	46
103	Comparative study of different fabric phase sorptive extraction sorbents to determine emerging contaminants from environmental water using liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2015, 144, 1342-1351.	5.5	46
104	Determination of various pesticides using membrane extraction discs and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1994, 670, 135-144.	3.7	45
105	Occurrence of plastic additives in outdoor air particulate matters from two industrial parks of Tarragona, Spain: Human inhalation intake risk assessment. <i>Journal of Hazardous Materials</i> , 2019, 373, 649-659.	12.4	45
106	Human exposure to polycyclic aromatic hydrocarbons (PAHs) using data from a duplicate diet study in Catalonia, Spain. <i>Food and Chemical Toxicology</i> , 2012, 50, 4103-4108.	3.6	44
107	Dynamic fabric phase sorptive extraction for a group of pharmaceuticals and personal care products from environmental waters. <i>Journal of Chromatography A</i> , 2016, 1456, 19-26.	3.7	44
108	On-line trace enrichment of polar pesticides in environmental waters by reversed-phase liquid chromatography-diode array detection-particle beam mass spectrometry. <i>Journal of Chromatography A</i> , 1995, 696, 63-74.	3.7	43

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109	Determination of emerging halogenated flame retardants and polybrominated diphenyl ethers in serum by gas chromatography mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1310, 126-132.	3.7	43
110	Chemical removal of humic substances interfering with the on-line solid-phase extractionâ€”Liquid chromatographic determination of polar water pollutants. <i>Chromatographia</i> , 1998, 48, 231-236.	1.3	42
111	Selective extraction of sulfonamides, macrolides and other pharmaceuticals from sewage sludge by pressurized liquid extraction. <i>Journal of Chromatography A</i> , 2007, 1174, 125-131.	3.7	42
112	On-line solid-phase extraction coupled to hydrophilic interaction chromatographyâ€”mass spectrometry for the determination of polar drugs. <i>Journal of Chromatography A</i> , 2011, 1218, 5975-5980.	3.7	42
113	Second-order bilinear calibration for determining polycyclic aromatic compounds in marine sediments by solvent extraction and liquid chromatography with diode-array detection. <i>Analytica Chimica Acta</i> , 2003, 498, 47-53.	5.4	41
114	Volatile organic compounds in air at urban and industrial areas in the Tarragona region by thermal desorption and gas chromatographyâ€”mass spectrometry. <i>Environmental Monitoring and Assessment</i> , 2010, 161, 389-402.	2.7	41
115	Selective determination of pharmaceuticals and illicit drugs in wastewaters using a novel strong cation-exchange solid-phase extraction combined with liquid chromatographyâ€”tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1325, 137-146.	3.7	41
116	Comparative study of solid-phase extraction of phenolic compounds. Influence of the ion pair reagent. <i>Chromatographia</i> , 1994, 38, 579-584.	1.3	40
117	On-line coupling of solid-phase extraction to gas chromatography with mass spectrometric detection to determine pesticides in water. <i>Journal of Chromatography A</i> , 1998, 818, 85-93.	3.7	40
118	Selective enrichment of anti-inflammatory drugs from river water samples by solid-phase extraction with a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2005, 28, 2080-2085.	2.5	39
119	Selective solidâ€”phase extraction of amoxicillin and cephalexin from urine samples using a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2008, 31, 2868-2874.	2.5	39
120	Weak anion-exchange hypercrosslinked sorbent in on-line solid-phase extractionâ€”liquid chromatography coupling to achieve automated determination with an effective clean-up. <i>Journal of Chromatography A</i> , 2010, 1217, 2855-2861.	3.7	39
121	Preparation of a polar monolithic coating for stir bar sorptive extraction of emerging contaminants from wastewaters. <i>Journal of Chromatography A</i> , 2013, 1295, 42-47.	3.7	39
122	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021, 401, 123272.	12.4	39
123	Validation of a confirmatory method for the determination of macrolides in liver and kidney animal tissues in accordance with the European Union regulation 2002/657/EC. <i>Journal of Chromatography A</i> , 2007, 1157, 281-288.	3.7	38
124	A rapid determination of acidic pharmaceuticals in environmental waters by molecularly imprinted solid-phase extraction coupled to tandem mass spectrometry without chromatography. <i>Talanta</i> , 2013, 110, 196-201.	5.5	38
125	Hydrophilic interaction liquid chromatography coupled to mass spectrometry-based detection to determine emerging organic contaminants in environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 94, 141-149.	11.4	38
126	Molecularly imprinted solid-phase extraction of naphthalene sulfonates from water. <i>Journal of Chromatography A</i> , 2004, 1047, 175-180.	3.7	38

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127	Solid-phase microextraction-Gas chromatography to determine volatile organic sulfur compounds in the air at sewage treatment plants. <i>Talanta</i> , 2008, 77, 774-778.	5.5	37
128	Materials for Solid-Phase Extraction of Organic Compounds. <i>Separations</i> , 2019, 6, 56.	2.4	37
129	Time shift correction in second-order liquid chromatographic data with iterative target transformation factor analysis. <i>Analytica Chimica Acta</i> , 2002, 470, 163-173.	5.4	36
130	Phosphodiesterase type V inhibitors: Occurrence and fate in wastewater and sewage sludge. <i>Water Research</i> , 2010, 44, 1607-1615.	11.3	36
131	Comparison between sampling and analytical methods in characterization of pollutants in biogas. <i>Talanta</i> , 2012, 100, 145-152.	5.5	36
132	Solid-phase extraction followed by liquid chromatography-high resolution mass spectrometry to determine synthetic cathinones in different types of environmental water samples. <i>Journal of Chromatography A</i> , 2017, 1524, 66-73.	3.7	36
133	On-line and off-line solid-phase extraction with styrene-divinylbenzene-membrane extraction disks for determining pesticides in water by reversed-phase liquid chromatography-diode-array detection. <i>Journal of Chromatography A</i> , 1996, 754, 77-84.	3.7	35
134	Determination of naphthalenesulfonates in water by on-line ion-pair solid-phase extraction and ion-pair liquid chromatography with fast-scanning fluorescence detection. <i>Journal of Chromatography A</i> , 2000, 890, 289-294.	3.7	35
135	Preparation and characterization of highly polar polymeric sorbents from styrene-divinylbenzene and vinylpyridine-divinylbenzene for the solid-phase extraction of polar organic pollutants. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1927-1933.	2.3	35
136	Analysing the effect of global change on the historical trends of water resources in the headwaters of the Llobregat and Ter river basins (Catalonia, Spain). <i>Physics and Chemistry of the Earth</i> , 2011, 36, 655-661.	2.9	35
137	Hypercrosslinked strong anion-exchange resin for extraction of acidic pharmaceuticals from environmental water. <i>Journal of Separation Science</i> , 2012, 35, 2621-2628.	2.5	35
138	Determination of phthalates and organophosphate esters in particulated material from harbour air samples by pressurised liquid extraction and gas chromatography-mass spectrometry. <i>Talanta</i> , 2012, 101, 473-478.	5.5	35
139	Determination of N-nitrosamines and nicotine in air particulate matter samples by pressurised liquid extraction and gas chromatography-ion trap tandem mass spectrometry. <i>Talanta</i> , 2013, 115, 896-901.	5.5	35
140	An optimized direct method for the determination of carboxylic acids in beverages by HPLC. <i>Chromatographia</i> , 1990, 29, 54-58.	1.3	34
141	New hydrophilic polymeric resin based on 4-vinylpyridine-divinylbenzene for solid-phase extraction of polar compounds from water. <i>Journal of Chromatography A</i> , 2004, 1035, 281-284.	3.7	34
142	Determination of Endocrine Disruptors in Environmental Water Samples by Stir Bar Sorptive Extraction-Liquid Desorption - Large Volume Injection-Gas Chromatography. <i>Chromatographia</i> , 2005, 61, 61-65.	1.3	34
143	Simultaneous determination of macrolides, sulfonamides, and other pharmaceuticals in water samples by solid-phase extraction and LC-ESI MS. <i>Journal of Separation Science</i> , 2008, 31, 2182-2188.	2.5	34
144	Pressurised liquid extraction and ultra-high performance liquid chromatography-tandem mass spectrometry to determine endogenous and synthetic glucocorticoids in sewage sludge. <i>Talanta</i> , 2013, 103, 186-193.	5.5	34

#	ARTICLE	IF	CITATIONS
145	Development of predicted environmental concentrations to prioritize the occurrence of pharmaceuticals in rivers from Catalonia. <i>Science of the Total Environment</i> , 2019, 666, 57-67.	8.0	34
146	Monitoring of antifouling agents in water samples by on-line solid-phase extraction-liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 915, 139-147.	3.7	33
147	Determination of pharmaceuticals in wastewaters using solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 875-882.	2.5	33
148	On-line solid-phase extraction-ion-pair liquid chromatography-electrospray mass spectrometry for the trace determination of naphthalene monosulphonates in water. <i>Journal of Chromatography A</i> , 1999, 854, 187-195.	3.7	32
149	New approach to resolve the humidity problem in VOC determination in outdoor air samples using solid adsorbent tubes followed by TD-GC-MS. <i>Science of the Total Environment</i> , 2017, 599-600, 1718-1727.	8.0	32
150	Comparative study of the use of high-performance liquid chromatography and capillary electrophoresis for determination of phenolic compounds in water samples. <i>Chromatographia</i> , 1996, 43, 619-624.	1.3	31
151	Influence of chemical modification of polymeric resin on retention of polar compounds in solid-phase extraction. <i>Chromatographia</i> , 1999, 50, 21-26.	1.3	31
152	Determination of volatile organic compounds in industrial wastewater plant air emissions by multi-sorbent adsorption and thermal desorption-gas chromatography-mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 911-928.	3.3	31
153	Thermal desorption-gas chromatography-mass spectrometry method to determine phthalate and organophosphate esters from air samples. <i>Journal of Chromatography A</i> , 2013, 1303, 76-82.	3.7	31
154	The embodiment of wastewater data for the estimation of illicit drug consumption in Spain. <i>Science of the Total Environment</i> , 2021, 772, 144794.	8.0	31
155	Determination of polycyclic aromatic hydrocarbons in waters by use of supercritical fluid chromatography coupled on-line to solid-phase extraction with disks. <i>Journal of Chromatography A</i> , 1997, 778, 321-328.	3.7	30
156	Comparison of Hydrophilic Polymeric Sorbents for On-Line Solid-Phase Extraction of Polar Compounds from Aqueous Samples. <i>Chromatographia</i> , 2004, 60, 511-515.	1.3	30
157	Molecularly imprinted solid-phase extraction of cephalexin from water-based matrices. <i>Journal of Separation Science</i> , 2009, 32, 3319-3326.	2.5	30
158	Assessing alcohol consumption through wastewater-based epidemiology: Spain as a case study. <i>Drug and Alcohol Dependence</i> , 2020, 215, 108241.	3.2	30
159	On-line solid-phase extraction coupled to supercritical fluid chromatography to determine phenol and nitrophenols in water. <i>Journal of Chromatography A</i> , 1996, 755, 67-74.	3.7	29
160	Solid-Phase Extraction/High-Performance Liquid Chromatography-Electrospray Mass Spectrometry to Determine Endocrine Disruptors in Water Samples. <i>Chromatographia</i> , 2004, 59, 419.	1.3	29
161	Phthalate esters in marine ecosystems: Analytical methods, occurrence and distribution. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 151, 116598.	11.4	29
162	A pressurised hot water extraction and liquid chromatography-high resolution mass spectrometry method to determine polar benzotriazole, benzothiazole and benzenesulfonamide derivatives in sewage sludge. <i>Journal of Chromatography A</i> , 2014, 1355, 53-60.	3.7	28

#	ARTICLE	IF	CITATIONS
163	Study of the retention of benzotriazoles, benzothiazoles and benzenesulfonamides in mixed-mode solid-phase extraction in environmental samples. <i>Journal of Chromatography A</i> , 2016, 1444, 21-31.	3.7	28
164	Mixed-mode ion-exchange polymeric sorbents in environmental analysis. <i>Journal of Chromatography A</i> , 2020, 1609, 460531.	3.7	28
165	Using second-order calibration to identify and quantify aromatic sulfonates in water by high-performance liquid chromatography in the presence of coeluting interferences. <i>Journal of Chromatography A</i> , 2003, 988, 277-284.	3.7	27
166	Molecularly imprinted polymer with high-fidelity binding sites for the selective extraction of barbiturates from human urine. <i>Journal of Chromatography A</i> , 2011, 1218, 4612-4618.	3.7	26
167	Determination of Polycyclic Aromatic Hydrocarbons in Water by Solid-Phase Extraction Membranes. <i>International Journal of Environmental Analytical Chemistry</i> , 1996, 64, 47-57.	3.3	25
168	Determination of phenolic compounds in water samples by on-line solid-phase extractionâ€”supercritical-fluid chromatography with diode-array detection. <i>Chromatographia</i> , 1997, 46, 295-300.	1.3	25
169	Trace determination of antifouling compounds by on-line solid-phase extractionâ€”gas chromatographyâ€”mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 885, 361-368.	3.7	25
170	Determination of seven drugs of abuse and their metabolites in surface and wastewater using solidâ€”phase extraction coupled to liquid chromatography with highâ€”resolution mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 3621-3631.	2.5	25
171	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020, 741, 140384.	8.0	24
172	Synthesis of hydrophilic sorbents from N -vinylimidazole/divinylbenzene and the evaluation of their sorption properties in the solid-phase extraction of polar compounds. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2019-2025.	2.3	23
173	On-line weak cationic mixed-mode solid-phase extraction coupled to liquid chromatographyâ€”mass spectrometry to determine illicit drugs at low concentration levels from environmental waters. <i>Journal of Chromatography A</i> , 2013, 1286, 16-21.	3.7	23
174	Overview of mixed-mode ion-exchange materials in the extraction of organic compounds. <i>Analytica Chimica Acta</i> , 2020, 1117, 89-107.	5.4	23
175	Determination of polyether ionophores in urban sewage sludge by pressurised liquid extraction and liquid chromatographyâ€”tandem mass spectrometry: Study of different clean-up strategies. <i>Journal of Chromatography A</i> , 2013, 1285, 31-39.	3.7	22
176	Lung cancer risk by polycyclic aromatic hydrocarbons in a Mediterranean industrialized area. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23215-23227.	5.3	22
177	Determination of free amino acids by precolumn derivatization with phenylisothiocyanate. Application to wine samples. <i>Chromatographia</i> , 1991, 31, 272-276.	1.3	21
178	Trace-level determination of sweeteners in sewage sludge using selective pressurized liquid extraction and liquid chromatographyâ€”tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1408, 15-21.	3.7	21
179	Passive sampling of volatile organic compounds in industrial atmospheres: Uptake rate determinations and application. <i>Science of the Total Environment</i> , 2019, 666, 235-244.	8.0	21
180	Multi-residue analysis of several high-production-volume chemicals present in the particulate matter from outdoor air. A preliminary human exposure estimation. <i>Chemosphere</i> , 2020, 252, 126514.	8.2	21

#	ARTICLE	IF	CITATIONS
181	Optimization of an ion-exchange high-performance liquid chromatographic method for the determination of carboxylic acids, sugars, glycerol and ethanol in wines. <i>Journal of Chromatography A</i> , 1992, 589, 151-158.	3.7	20
182	Liquid chromatography of phenolic compounds in natural water using on-line trace enrichment. <i>Chromatographia</i> , 1995, 40, 85-90.	1.3	20
183	Determination of pesticides by on-line trace enrichment-reversed-phase liquid chromatography-diode-array detection and confirmation by particle-beam mass spectrometry. <i>Chromatographia</i> , 1996, 43, 592-598.	1.3	20
184	Influence of the Organic Solvent in On-Line Solid Phase Extraction for the Determination of PAHs by Liquid Chromatography and Fluorescence Detection. <i>Journal of High Resolution Chromatography</i> , 1998, 21, 667-670.	1.4	20
185	Comparison of different imidazolium supported ionic liquid polymeric phases with strong anion-exchange character for the extraction of acidic pharmaceuticals from complex environmental samples. <i>Journal of Separation Science</i> , 2012, 35, 1953-1958.	2.5	20
186	Comparative study of comprehensive gas chromatography-nitrogen chemiluminescence detection and gas chromatography-ion trap-tandem mass spectrometry for determining nicotine and carcinogen organic nitrogen compounds in thirdhand tobacco smoke. <i>Journal of Chromatography A</i> , 2015, 1426, 191-200.	3.7	20
187	Novel capsule phase microextraction in combination with liquid chromatography-tandem mass spectrometry for determining personal care products in environmental water. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2991-3001.	3.7	20
188	A method for the determination of histamine in wine by HPLC with precolumn derivatization with phenylisothiocyanate. <i>Chromatographia</i> , 1991, 31, 133-136.	1.3	19
189	Improvement of on-line solid-phase extraction for determining phenolic compounds in water. <i>Chromatographia</i> , 1995, 41, 521-526.	1.3	19
190	Analysis of neurotransmitters in <i>Daphnia magna</i> affected by neuroactive pharmaceuticals using liquid chromatography-high resolution mass spectrometry. <i>Environmental Pollution</i> , 2019, 254, 113029.	7.5	19
191	Role of solid-phase extraction in wastewater-based epidemiology. <i>Current Opinion in Environmental Science and Health</i> , 2019, 9, 26-33.	4.1	19
192	Selective monitoring of acidic and basic compounds in environmental water by capsule phase microextraction using sol-gel mixed-mode sorbents followed by liquid chromatography-mass spectrometry in tandem. <i>Journal of Chromatography A</i> , 2020, 1625, 461295.	3.7	19
193	Comparison of mixed-mode anion-exchange performance of N-vinylimidazole-divinylbenzene sorbent. <i>Journal of Separation Science</i> , 2006, 29, 1622-1629.	2.5	18
194	Pressurized Liquid Extraction of Contaminants from Environmental Samples. <i>Current Analytical Chemistry</i> , 2008, 4, 157-167.	1.2	18
195	Hydrophilic interaction liquid chromatography coupled to high-resolution mass spectrometry to determine artificial sweeteners in environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4277-4285.	3.7	18
196	Size and concentration determination of (functionalised) fullerenes in surface and sewage water matrices using field flow fractionation coupled to an online accurate mass spectrometer: Method development and validation. <i>Analytica Chimica Acta</i> , 2015, 871, 77-84.	5.4	18
197	Determination of aromatic sulfonates in coastal water by on-line Ion-pair solid-phase extraction/ion-pair liquid chromatography with UV detection. <i>Chromatographia</i> , 2001, 53, 22-26.	1.3	17
198	A rapid method for determining phenolic endocrine disrupters in water samples. <i>Chromatographia</i> , 2002, 56, 573-576.	1.3	17

#	ARTICLE	IF	CITATIONS
199	Analytical methods for determining organic compounds present in the particulate matter from outdoor air. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115707.	11.4	17
200	Pressurised Liquid Extraction and Liquid Chromatography-High Resolution Mass Spectrometry for the Simultaneous Determination of Phthalate Diesters and Their Metabolites in Seafood Species. <i>Food Analytical Methods</i> , 2020, 13, 1442-1453.	2.6	17
201	Simple method for determining phthalate diesters and their metabolites in seafood species using QuEChERS extraction and liquid chromatography-high resolution mass spectrometry. <i>Food Chemistry</i> , 2021, 336, 127722.	8.2	17
202	Occurrence and distribution of nonionic surfactants, their degradation products, and linear alkylbenzene sulfonates in coastal waters and sediments in Spain. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 37-46.	4.3	17
203	Evaluation of air quality in indoor and outdoor environments: Impact of anti-COVID-19 measures. <i>Science of the Total Environment</i> , 2022, 836, 155611.	8.0	16
204	Identification of pesticides by liquid chromatography-particle beam mass spectrometry using electron ionization and chemical ionization. <i>Journal of Chromatography A</i> , 1998, 805, 127-135.	3.7	15
205	Functionalized Polymeric Sorbents for Solid-Phase Extraction of Polar Pollutants. <i>Journal of High Resolution Chromatography</i> , 1999, 22, 547-552.	1.4	15
206	Evaluation of active sampling strategies for the determination of 1,3-butadiene in air. <i>Atmospheric Environment</i> , 2018, 176, 21-29.	4.1	15
207	Atmospheric levels of polycyclic aromatic hydrocarbons in gas and particulate phases from Tarragona Region (NE Spain). <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 543-556.	3.3	14
208	Novel amide polar-embedded reversed-phase column for the fast liquid chromatography-tandem mass spectrometry method to determine polyether ionophores in environmental waters. <i>Journal of Chromatography A</i> , 2012, 1263, 7-13.	3.7	14
209	Simultaneous determination of drugs of abuse and their main metabolites using pressurized liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2014, 125, 65-71.	5.5	14
210	Hypercrosslinked particles for the extraction of sweeteners using dispersive solid-phase extraction from environmental samples. <i>Journal of Separation Science</i> , 2018, 41, 1618-1624.	2.5	13
211	Combining cationic and anionic mixed-mode sorbents in a single cartridge to extract basic and acidic pharmaceuticals simultaneously from environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 459-469.	3.7	13
212	Microporous polymer microspheres with amphoteric character for the solid-phase extraction of acidic and basic analytes. <i>Journal of Chromatography A</i> , 2020, 1626, 461348.	3.7	13
213	Preparation and evaluation of molecularly imprinted polymers as selective SPE sorbents for the determination of cathinones in river water. <i>Microchemical Journal</i> , 2022, 175, 107100.	4.5	13
214	Optimized isocratic separation of major carboxylic acids in wine. <i>Journal of Chromatography A</i> , 1991, 542, 277-293.	3.7	12
215	Evaluation of parameters in solid-phase microextraction process. <i>Chromatographia</i> , 1999, 50, 685-688.	1.3	12
216	Improved Polymeric Materials for More Efficient Extraction of Polar Compounds from Aqueous Samples. <i>Current Analytical Chemistry</i> , 2006, 2, 171-179.	1.2	12

#	ARTICLE	IF	CITATIONS
217	Comparison of polysaccharide-based and protein-based chiral liquid chromatography columns for enantioseparation of drugs. <i>Chirality</i> , 2020, 32, 876-884.	2.6	12
218	Hyperscrosslinked polymer microspheres decorated with anion- and cation-exchange groups for the simultaneous solid-phase extraction of acidic and basic analytes from environmental waters. <i>Journal of Chromatography A</i> , 2022, 1661, 462715.	3.7	12
219	Monitoring of aromatic monosulfonic acids in coastal waters by ion-pair liquid chromatography followed by electrospray-mass spectrometric detection. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2059-2066.	4.3	11
220	Development of a method for the monitoring of odor-causing compounds in atmospheres surrounding wastewater treatment plants. <i>Journal of Separation Science</i> , 2013, 36, 1621-1628.	2.5	11
221	Development of new polar monolithic coatings for stir bar sorptive extraction. <i>Journal of Separation Science</i> , 2014, 37, 2225-2232.	2.5	11
222	Isotachophoretic focusing and mass spectrometry detection as tools for improving the determination of aromatic sulfonates in capillary electrophoresis. <i>Electrophoresis</i> , 2002, 23, 2279.	2.4	10
223	Determination of organic contaminants in coastal water. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 341-350.	11.4	10
224	Presence of benzotriazoles, benzothiazoles and benzenesulfonamides in surface water samples by liquid chromatography coupled to high-resolution mass spectrometry. <i>Separation Science Plus</i> , 2019, 2, 72-80.	0.6	10
225	Determination of 1,3-butadiene degradation products in air samples by thermal desorption-gas chromatography-mass spectrometry. <i>Atmospheric Environment</i> , 2019, 196, 95-102.	4.1	10
226	Occurrence and risk assessment of benzothiazole, benzotriazole and benzenesulfonamide derivatives in airborne particulate matter from an industrial area in Spain. <i>Science of the Total Environment</i> , 2020, 708, 135065.	8.0	10
227	Presence of emerging organic contaminants and solvents in schools using passive sampling. <i>Science of the Total Environment</i> , 2021, 764, 142903.	8.0	10
228	Enantiomeric fraction determination of chiral drugs in environmental samples using chiral liquid chromatography and mass spectrometry. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 29, e00115.	10.3	10
229	Pressurised liquid extraction of polycyclic aromatic hydrocarbons from gas and particulate phases of atmospheric samples. <i>Journal of Separation Science</i> , 2009, 32, 1051-1059.	2.5	9
230	Weak anion-exchange mixed-mode materials to selectively extract acidic compounds by stir bar sorptive extraction from environmental waters. <i>Journal of Chromatography A</i> , 2022, 1663, 462748.	3.7	9
231	Optimization of the derivatization method for the liquid-chromatographic determination of carboxylic acids in wines. <i>Analytica Chimica Acta</i> , 1991, 242, 25-30.	5.4	8
232	Development of a maleic acid-based material to selectively solid-phase extract basic compounds from environmental samples. <i>Journal of Chromatography A</i> , 2021, 1647, 462165.	3.7	8
233	Determination of additives in wine by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1992, 607, 339-347.	3.7	7
234	Determination of sedative hypnotics in sewage sludge by pressurized liquid extraction with high-performance liquid chromatography and tandem mass spectrometry. <i>Journal of Separation Science</i> , 2014, 37, 3481-3488.	2.5	7

#	ARTICLE	IF	CITATIONS
235	Enantiomeric determination of cathinones in environmental water samples by liquid chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1626, 461359.	3.7	7
236	Kinetic-thermometric study of hydrogen peroxide decomposition in basic media catalyzed by Mn(II). <i>Thermochimica Acta</i> , 1988, 125, 319-325.	2.7	6
237	Thermometric determination of trace amounts of vanadium(V) in petroleum products using the chromotropic acid-bromate reaction. <i>Analyst, The</i> , 1988, 113, 505-508.	3.5	6
238	Clean-up techniques in the pressurized liquid extraction of abiotic environmental solid samples. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 29, e00111.	10.3	6
239	OCCURRENCE AND DISTRIBUTION OF NONIONIC SURFACTANTS, THEIR DEGRADATION PRODUCTS, AND LINEAR ALKYL BENZENE SULFONATES IN COASTAL WATERS AND SEDIMENTS IN SPAIN. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 37.	4.3	6
240	Multiresidue analytical method for high production volume chemicals in dust samples, occurrence and human exposure assessment. <i>Chemosphere</i> , 2022, 301, 134639.	8.2	6
241	A sensitive kinetic-thermometric method for Co(II) determination based on the tiron-hydrogen peroxide reaction. <i>Thermochimica Acta</i> , 1987, 117, 89-95.	2.7	5
242	The Lipid Content of Serum Affects the Extraction Efficiencies of Highly Lipophilic Flame Retardants. <i>Environmental Science and Technology Letters</i> , 2014, 1, 82-86.	8.7	5
243	Liquid chromatography-tandem mass spectrometry to determine sedative hypnotic drugs in river water and wastewater. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 669-684.	3.3	5
244	Optimizing the liquid chromatographic separation of major carboxylic acids in wine by a modelling surface response method. <i>Analytica Chimica Acta</i> , 1992, 259, 237-242.	5.4	4
245	Porous polymer sorbents. , 2020, , 55-82.		4
246	Passive sampling to control air quality in schools: Uptake rate determination and application. <i>Indoor Air</i> , 2020, 30, 1005-1017.	4.3	4
247	Development of sol-gel silica-based mixed-mode zwitterionic sorbents for determining drugs in environmental water samples. <i>Journal of Chromatography A</i> , 2022, 1676, 463237.	3.7	3
248	Study of the retention behavior of iodinated X-ray contrast agents in hydrophilic interaction liquid chromatography, comparing bare silica and zwitterionic stationary phases. <i>Journal of Separation Science</i> , 2014, 37, 1111-1117.	2.5	2
249	Monitoring of aromatic monosulfonic acids in coastal waters by ion-pair liquid chromatography followed by electrospray-mass spectrometric detection. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 2059-66.	4.3	2
250	Cobalt(II) determination at PPB levels based on its catalytic effect on the hydrazine-hydrogen peroxide reaction. <i>Thermochimica Acta</i> , 1988, 130, 241-248.	2.7	1
251	Kinetic-thermometric method for the determination of Fe(III) in petroleum products. <i>Thermochimica Acta</i> , 1988, 127, 73-79.	2.7	1
252	Water Analysis/Organic Compounds. , 2018, , 286-286.		0

#	ARTICLE	IF	CITATIONS
253	Novel in-house mixed-mode ion-exchange materials for sorptive phase extraction techniques. <i>Advances in Sample Preparation</i> , 2022, 1, 100008.	3.0	0