Francesc Borrull

List of Publications by Year
in descending order

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220 papers	8,654 citations	36203 51 h-index	74018 75 g-index
220 all docs	220 docs citations	220 times ranked	7419 citing authors

#	Article	IF	Citations
1	Chronic risk assessment of exposure to volatile organic compounds in the atmosphere near the largest Mediterranean industrial site. Environment International, 2012, 39, 200-209.	4.8	217
2	Sampling and preconcentration techniques for determination of volatile organic compounds in air samples. TrAC - Trends in Analytical Chemistry, 2009, 28, 347-361.	5.8	172
3	Risk Assessment Related to Atmospheric Polycyclic Aromatic Hydrocarbons in Gas and Particle Phases near Industrial Sites. Environmental Health Perspectives, 2011, 119, 1110-1116.	2.8	170
4	Pressurized liquid extraction: A useful technique to extract pharmaceuticals and personal-care products from sewage sludge. TrAC - Trends in Analytical Chemistry, 2010, 29, 752-764.	5.8	157
5	Non-covalent and semi-covalent molecularly imprinted polymers for selective on-line solid-phase extraction of 4-nitrophenol from water samples. Journal of Chromatography A, 2002, 963, 169-178.	1.8	152
6	Occurrence of polybrominated diphenylethers, polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls in coastal sediments from Spain. Environmental Pollution, 2005, 136, 493-501.	3.7	150
7	On-line solid-phase extraction with molecularly imprinted polymers to selectively extract substituted 4-chlorophenols and 4-nitrophenol from water. Journal of Chromatography A, 2003, 995, 233-238.	1.8	144
8	Ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry for determining the presence of eleven personal care products in surface and wastewaters. Journal of Chromatography A, 2009, 1216, 6994-7000.	1.8	136
9	Determination of personal care products in sewage sludge by pressurized liquid extraction and ultra high performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 5619-5625.	1.8	116
10	A new molecularly imprinted polymer for the selective extraction of naproxen from urine samples by solid-phase extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 813, 137-143.	1.2	114
11	New coatings for stir-bar sorptive extraction of polar emerging organic contaminants. TrAC - Trends in Analytical Chemistry, 2014, 54, 11-23.	5.8	114
12	Novel enrofloxacin imprinted polymer applied to the solid-phase extraction of fluorinated quinolones from urine and tissue samples. Analytica Chimica Acta, 2006, 562, 145-151.	2.6	107
13	Determination of ciprofloxacin, enrofloxacin and flumequine in pig plasma samples by capillary isotachophoresisâ€“capillary zone electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 772, 163-172.	1.2	103
14	Mixed-mode ion-exchange polymeric sorbents: dual-phase materials that improve selectivity and capacity. TrAC - Trends in Analytical Chemistry, 2010, 29, 765-779.	5.8	100
15	Evaluation of a new hypercrosslinked polymer as a sorbent for solid-phase extraction of polar compounds. Journal of Chromatography A, 2005, 1075, 51-56.	1.8	99
16	Ionic liquids in solid-phase extraction. TrAC - Trends in Analytical Chemistry, 2012, 41, 15-26.	5.8	98
17	Determination of antibiotic compounds in water by solid-phase extractionâ€“high-performance liquid chromatographyâ€“(electrospray) mass spectrometry. Journal of Chromatography A, 2003, 1010, 225-232.	1.8	97
18	Presence of Pharmaceuticals and Hormones in Waters from Sewage Treatment Plants. Water, Air, and Soil Pollution, 2011, 217, 267-281.	1.1	91

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19	Determination of macrolide antibiotics in meat and fish using pressurized liquid extraction and liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2008, 1208, 83-89.	1.8	89
20	Occurrence of pharmaceuticals and hormones in sewage sludge. Environmental Toxicology and Chemistry, 2010, 29, 1484-1489.	2.2	88
21	Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers. Environment International, 2014, 71, 139-147.	4.8	87
22	Novel coatings for stir bar sorptive extraction to determine pharmaceuticals and personal care products in environmental waters by liquid chromatography and tandem mass spectrometry. Analytica Chimica Acta, 2013, 774, 51-60.	2.6	86
23	Pharmaceutical determination in surface and wastewaters using high-performance liquid chromatography-(electrospray)-mass spectrometry. Journal of Separation Science, 2007, 30, 297-303.	1.3	85
24	Supported imidazolium ionic liquid phases: A new material for solid-phase extraction. Talanta, 2009, 80, 250-256.	2.9	84
25	Estrogens and their conjugates: Determination in water samples by solid-phase extraction and liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2009, 78, 1327-1331.	2.9	83
26	Determination of natural and synthetic estrogens and their conjugates in sewage sludge by pressurized liquid extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2008, 1213, 224-230.	1.8	78
27	Fully automated ionic liquid-based headspace single drop microextraction coupled to GCâ€“MS/MS to determine musk fragrances in environmental water samples. Talanta, 2012, 99, 824-832.	2.9	78
28	An overview of analytical methods and occurrence of benzotriazoles, benzothiazoles and benzenesulfonamides in the environment. TrAC - Trends in Analytical Chemistry, 2014, 62, 46-55.	5.8	76
29	Sorbent preconcentration procedures coupled to capillary electrophoresis for environmental and biological applications. Analytica Chimica Acta, 2008, 616, 1-18.	2.6	72
30	Improving sensitivity by large-volume sample stacking using the electroosmotic flow pump to analyze some nonsteroidal anti-inflammatory drugs by capillary electrophoresis in water samples. Electrophoresis, 2003, 24, 2779-2787.	1.3	71
31	Stir-bar-sorptive extraction and ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry for simultaneous analysis of UV filters and antimicrobial agents in water samples. Analytical and Bioanalytical Chemistry, 2010, 397, 2833-2839.	1.9	70
32	Synthesis of Davankov-type hypercrosslinked resins using different isomer compositions of vinylbenzyl chloride monomer, and application in the solid-phase extraction of polar compounds. Journal of Polymer Science Part A, 2005, 43, 1718-1728.	2.5	69
33	Determination of volatile organic compounds in urban and industrial air from Tarragona by thermal desorption and gas chromatographyâ€“mass spectrometry. Talanta, 2007, 72, 941-950.	2.9	67
34	Solid-phase extraction of polar compounds with a hydrophilic copolymeric sorbent. Journal of Chromatography A, 2004, 1030, 63-68.	1.8	65
35	Comparative study of solvent extraction and thermal desorption methods for determining a wide range of volatile organic compounds in ambient air. Talanta, 2010, 82, 719-727.	2.9	65
36	Determination of volatile organic sulfur compounds in the air at sewage management areas by thermal desorption and gas chromatographyâ€“mass spectrometry. Talanta, 2008, 74, 562-569.	2.9	64

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37	Recent advances in coupling solid-phase extraction and capillary electrophoresis (SPEâ€“CE). TrAC - Trends in Analytical Chemistry, 2007, 26, 664-678.	5.8	63
38	Application of capillary electrophoresis with different sample stacking strategies for the determination of a group of nonsteroidal anti-inflammatory drugs in the lowl¼gâ€Šâˆ†â€ŠLâˆ’1 concentration range. Electrophoresis, 2004, 25, 428-436.	1.3	62
39	Capillary electrophoresis for the analysis of non-steroidal anti-inflammatory drugs. TrAC - Trends in Analytical Chemistry, 2007, 26, 133-153.	5.8	62
40	Determination of parabens in house dust by pressurised hot water extraction followed by stir bar sorptive extraction and thermal desorptionâ€“gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2011, 1218, 6226-6231.	1.8	62
41	Direct determination of ciprofloxacin by mass spectrometry after a two-step solid-phase extraction using a molecularly imprinted polymer. Journal of Separation Science, 2006, 29, 1230-1236.	1.3	61
42	Determination of non-ionic and anionic surfactants in environmental water matrices. Talanta, 2011, 84, 859-866.	2.9	60
43	Determination of high-intensity sweeteners in river water and wastewater by solid-phase extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2015, 1393, 106-114.	1.8	60
44	Determination of mycotoxins in plant-based beverages using QuEChERS and liquid chromatographyâ€“tandem mass spectrometry. Food Chemistry, 2017, 229, 366-372.	4.2	59
45	Quantification from highly drifted and overlapped chromatographic peaks using second-order calibration methods. Journal of Chromatography A, 2004, 1035, 195-202.	1.8	58
46	Analytical methods for personal-care products in environmental waters. TrAC - Trends in Analytical Chemistry, 2011, 30, 749-760.	5.8	58
47	Determination of nicotine and N-nitrosamines in house dust by pressurized liquid extraction and comprehensive gas chromatographyâ€”Nitrogen chemiluminiscence detection. Journal of Chromatography A, 2012, 1219, 180-187.	1.8	57
48	Development of a thermal desorption-gas chromatographyâ€“mass spectrometry method for determining personal care products in air. Journal of Chromatography A, 2010, 1217, 4430-4438.	1.8	55
49	Pressurized liquid extraction of pharmaceuticals from sewage-sludge. Journal of Separation Science, 2007, 30, 979-984.	1.3	54
50	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 derivates in sewage sludge. Journal of Chromatography A, 2014, 1339, 34-41.	1.8	54
51	Monodisperse, hypercrosslinked polymer microspheres as tailor-made sorbents for highly efficient solid-phase extractions of polar pollutants from water samples. Journal of Chromatography A, 2008, 1191, 118-124.	1.8	53
52	Capillary electrophoresis and related techniques in the determination of drugs of abuse and their metabolites. TrAC - Trends in Analytical Chemistry, 2015, 74, 89-108.	5.8	53
53	Selective materials for solid-phase extraction in environmental analysis. Trends in Environmental Analytical Chemistry, 2014, 1, e8-e18.	5.3	52
54	Determination of some acidic drugs in surface and sewage treatment plant waters by capillary electrophoresis-electrospray ionization-mass spectrometry. Electrophoresis, 2004, 25, 3441-3449.	1.3	51

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55	OCCURRENCE OF TWENTY-SIX ENDOCRINE-DISRUPTING COMPOUNDS IN ENVIRONMENTAL WATER SAMPLES FROM CATALONIA, SPAIN. Environmental Toxicology and Chemistry, 2005, 24, 261.	2.2	51
56	Characterization of ozone precursor volatile organic compounds in urban atmospheres and around the petrochemical industry in the Tarragona region. Science of the Total Environment, 2009, 407, 4312-4319.	3.9	51
57	Different sample stacking strategies to analyse some nonsteroidal anti-inflammatory drugs by micellar electrokinetic capillary chromatography in mineral waters. Journal of Chromatography A, 2006, 1117, 234-245.	1.8	49
58	Sample stacking for the analysis of penicillins by microemulsion electrokinetic capillary chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 831, 196-204.	1.2	49
59	Simultaneous determination of parabens and synthetic musks in water by stirâ€bar sorptive extraction and thermal desorptionâ€gas chromatographyâ€mass spectrometry. Journal of Separation Science, 2012, 35, 580-588.	1.3	49
60	Fully automated determination of Nâ€nitrosamines in environmental waters by headspace solidâ€phase microextraction followed by GCâ€“MSâ€“MS. Journal of Separation Science, 2010, 33, 3692-3700.	1.3	48
61	Development of a stir bar sorptive extraction and thermal desorptionâ€“gas chromatographyâ€“mass spectrometry method for determining synthetic musks in water samples. Journal of Chromatography A, 2011, 1218, 156-161.	1.8	47
62	Occurrence of benzothiazole, benzotriazole and benzenesulfonamide derivates in outdoor air particulate matter samples and human exposure assessment. Chemosphere, 2018, 193, 557-566.	4.2	47
63	Drugs of abuse and their metabolites in waste and surface waters by liquid chromatographyâ€tandem mass spectrometry. Journal of Separation Science, 2011, 34, 1091-1101.	1.3	46
64	Comparative study of different fabric phase sorptive extraction sorbents to determine emerging contaminants from environmental water using liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2015, 144, 1342-1351.	2.9	46
65	Occurrence of plastic additives in outdoor air particulate matters from two industrial parks of Tarragona, Spain: Human inhalation intake risk assessment. Journal of Hazardous Materials, 2019, 373, 649-659.	6.5	45
66	Dynamic fabric phase sorptive extraction for a group of pharmaceuticals and personal care products from environmental waters. Journal of Chromatography A, 2016, 1456, 19-26.	1.8	44
67	Automated determination of aliphatic primary amines in wastewater by simultaneous derivatization and headspace solid-phase microextraction followed by gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 575-581.	1.8	43
68	Selective extraction of sulfonamides, macrolides and other pharmaceuticals from sewage sludge by pressurized liquid extraction. Journal of Chromatography A, 2007, 1174, 125-131.	1.8	42
69	On-line solid-phase extraction coupled to hydrophilic interaction chromatographyâ€“mass spectrometry for the determination of polar drugs. Journal of Chromatography A, 2011, 1218, 5975-5980.	1.8	42
70	Human exposure to brominated flame retardants through the consumption of fish and shellfish in Tarragona County (Catalonia, Spain). Food and Chemical Toxicology, 2017, 104, 48-56.	1.8	42
71	Presence, behaviour and removal of selected organic micropollutants through drinking water treatment. Chemosphere, 2021, 276, 130023.	4.2	42
72	Volatile organic compounds in air at urban and industrial areas in the Tarragona region by thermal desorption and gas chromatographyâ€“mass spectrometry. Environmental Monitoring and Assessment, 2010, 161, 389-402.	1.3	41

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73	Pressurised hot water extraction followed by headspace solid-phase microextraction and gas chromatographyâ€“tandem mass spectrometry for the determination of N-nitrosamines in sewage sludge. Talanta, 2012, 88, 284-289.	2.9	41
74	In-line solid-phase extractionâ€“capillary electrophoresis coupled with mass spectrometry for determination of drugs of abuse in human urine. Analytical and Bioanalytical Chemistry, 2012, 403, 777-784.	1.9	41
75	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. Journal of Chromatography A, 2014, 1325, 137-146.	1.8	41
76	Separation and on-column preconcentration of some nonsteroidal anti-inflammatory drugs by microemulsion electrokinetic capillary chromatography using high-speed separations. Electrophoresis, 2005, 26, 970-979.	1.3	39
77	Selective enrichment of anti-inflammatory drugs from river water samples by solid-phase extraction with a molecularly imprinted polymer. Journal of Separation Science, 2005, 28, 2080-2085.	1.3	39
78	Improving the sensitivity of the determination of ceftiofur by capillary electrophoresis in environmental water samples: In-line solid phase extraction and sample stacking techniques. Analytica Chimica Acta, 2007, 587, 208-215.	2.6	39
79	Selective solidâ€phase extraction of amoxicillin and cephalexin from urine samples using a molecularly imprinted polymer. Journal of Separation Science, 2008, 31, 2868-2874.	1.3	39
80	Weak anion-exchange hypercrosslinked sorbent in on-line solid-phase extractionâ€“liquid chromatography coupling to achieve automated determination with an effective clean-up. Journal of Chromatography A, 2010, 1217, 2855-2861.	1.8	39
81	Preparation of a polar monolithic coating for stir bar sorptive extraction of emerging contaminants from wastewaters. Journal of Chromatography A, 2013, 1295, 42-47.	1.8	39
82	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. Journal of Chromatography A, 2007, 1157, 281-288.	1.8	38
83	Determination of musk fragrances in sewage sludge by pressurized liquid extraction coupled to automated ionic liquidâ€based headspace singleâ€drop microextraction followed by <scp>GC</scp>â€<scp>MS</scp>/<scp>MS</scp>. Journal of Separation Science, 2012, 35, 2735-2742.	1.3	38
84	Fully automated determination of macrocyclic musk fragrances in wastewater by microextraction by packed sorbents and large volume injection gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1264, 87-94.	1.8	38
85	A rapid determination of acidic pharmaceuticals in environmental waters by molecularly imprinted solid-phase extraction coupled to tandem mass spectrometry without chromatography. Talanta, 2013, 110, 196-201.	2.9	38
86	Hydrophilic interaction liquid chromatography coupled to mass spectrometry-based detection to determine emerging organic contaminants in environmental samples. TrAC - Trends in Analytical Chemistry, 2017, 94, 141-149.	5.8	38
87	Molecularly imprinted solid-phase extraction of naphthalene sulfonates from water. Journal of Chromatography A, 2004, 1047, 175-180.	1.8	38
88	Solid-phase microextractionâ€”Gas chromatography to determine volatile organic sulfur compounds in the air at sewage treatment plants. Talanta, 2008, 77, 774-778.	2.9	37
89	Influence of pre-treatment process on matrix effect for the determination of musk fragrances in fish and mussel. Talanta, 2015, 134, 690-698.	2.9	37
90	Recent approaches for the determination of synthetic musk fragrances in environmental samples. TrAC - Trends in Analytical Chemistry, 2015, 72, 80-92.	5.8	37

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91	Materials for Solid-Phase Extraction of Organic Compounds. Separations, 2019, 6, 56.	1.1	37
92	Time shift correction in second-order liquid chromatographic data with iterative target transformation factor analysis. Analytica Chimica Acta, 2002, 470, 163-173.	2.6	36
93	Phosphodiesterase type V inhibitors: Occurrence and fate in wastewater and sewage sludge. Water Research, 2010, 44, 1607-1615.	5.3	36
94	Comparison between sampling and analytical methods in characterization of pollutants in biogas. Talanta, 2012, 100, 145-152.	2.9	36
95	Exposure of the population of Catalonia (Spain) to musk fragrances through seafood consumption: Risk assessment. Environmental Research, 2015, 143, 116-122.	3.7	36
96	Preparation and characterization of highly polar polymeric sorbents from styrene-divinylbenzene and vinylpyridine-divinylbenzene for the solid-phase extraction of polar organic pollutants. Journal of Polymer Science Part A, 2003, 41, 1927-1933.	2.5	35
97	Hypercrosslinked strong anionâ€exchange resin for extraction of acidic pharmaceuticals from environmental water. Journal of Separation Science, 2012, 35, 2621-2628.	1.3	35
98	Monitoring PAHs in the petrochemical area of Tarragona County, Spain: comparing passive air samplers with lichen transplants. Environmental Science and Pollution Research, 2017, 24, 11890-11900.	2.7	35
99	Using nonaqueous capillary electrophoresis to analyze several quinolones in pig kidney samples. Electrophoresis, 2002, 23, 506.	1.3	34
100	New hydrophilic polymeric resin based on 4-vinylpyridineâ€“divinylbenzene for solid-phase extraction of polar compounds from water. Journal of Chromatography A, 2004, 1035, 281-284.	1.8	34
101	Simultaneous determination of macrolides, sulfonamides, and other pharmaceuticals in water samples by solidâ€phase extraction and LCâ€(ESI) MS. Journal of Separation Science, 2008, 31, 2182-2188.	1.3	34
102	Enantioselective determination of cathinone derivatives in human hair by capillary electrophoresis combined inâ€line with solidâ€phase extraction. Electrophoresis, 2016, 37, 2352-2362.	1.3	34
103	Sensitivity enhancement for the analysis of naproxen in tap water by solidâ€phase extraction coupled inâ€line to capillary electrophoresis. Journal of Separation Science, 2008, 31, 872-880.	1.3	33
104	Determination of pharmaceuticals in wastewaters using solidâ€phase extractionâ€liquid chromatographyâ€tandem mass spectrometry. Journal of Separation Science, 2012, 35, 875-882.	1.3	33
105	On-line coupling of solid-phase extraction and capillary electrophoresis for the determination of cefoperazone and ceftiofur in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 856, 365-370.	1.2	32
106	Electrokinetic supercharging focusing in capillary zone electrophoresis of weakly ionizable analytes in environmental and biological samples. Electrophoresis, 2010, 31, 2964-2973.	1.3	32
107	New approach to resolve the humidity problem in VOC determination in outdoor air samples using solid adsorbent tubes followed by TD-GCâ€“MS. Science of the Total Environment, 2017, 599-600, 1718-1727.	3.9	32
108	Pressurised hot water extraction followed by simultaneous derivatization and headspace solid-phase microextraction and gas chromatography-tandem mass spectrometry for the determination of aliphatic primary amines in sewage sludge. Analytica Chimica Acta, 2010, 665, 231-236.	2.6	31

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109	Determination of volatile organic compounds in industrial wastewater plant air emissions by multi-sorbent adsorption and thermal desorption-gas chromatography-mass spectrometry. International Journal of Environmental Analytical Chemistry, 2011, 91, 911-928.	1.8	31
110	A simple and automated method to determine macrocyclic musk fragrances in sewage sludge samples by headspace solid-phase microextraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2013, 1314, 38-43.	1.8	31
111	Determination of pharmaceuticals in bivalves using QuEChERS extraction and liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 3841-3849.	1.9	31
112	Capillary electrophoresis combined in-line with solid-phase extraction using magnetic particles as new adsorbents for the determination of drugs of abuse in human urine. Electrophoresis, 2016, 37, 1232-1244.	1.3	31
113	Use of largeâ€volume sample stacking in onâ€line solidâ€phase extractionâ€capillary electrophoresis for improved sensitivity. Electrophoresis, 2008, 29, 1339-1346.	1.3	30
114	Molecularly imprinted solidâ€phase extraction of cephalexin from waterâ€based matrices. Journal of Separation Science, 2009, 32, 3319-3326.	1.3	30
115	Determination of <scp>UV</scp> filters in river water samples by inâ€line <scp>SPE</scp>â€<scp>CE</scp>â€<scp>MS</scp>. Electrophoresis, 2013, 34, 374-382.	1.3	29
116	Sample treatment for the determination of emerging organic contaminants in aquatic organisms. TrAC - Trends in Analytical Chemistry, 2017, 97, 136-145.	5.8	29
117	Phthalate esters in marine ecosystems: Analytical methods, occurrence and distribution. TrAC - Trends in Analytical Chemistry, 2022, 151, 116598.	5.8	29
118	Evaluation of the Removal of Pollutants from Petrochemical Wastewater Using A Membrane Bioreactor Treatment Plant. Water, Air, and Soil Pollution, 2009, 197, 349-359.	1.1	28
119	Different strategies for the preconcentration and separation of parabens by capillary electrophoresis. Electrophoresis, 2013, 34, 363-373.	1.3	28
120	Study of the retention of benzotriazoles, benzothiazoles and benzenesulfonamides in mixed-mode solid-phase extraction in environmental samples. Journal of Chromatography A, 2016, 1444, 21-31.	1.8	28
121	Enantioselective determination of cathinones in urine by high pressure inâ€line SPEâ€“CE. Electrophoresis, 2019, 40, 1762-1770.	1.3	28
122	Mixed-mode ion-exchange polymeric sorbents in environmental analysis. Journal of Chromatography A, 2020, 1609, 460531.	1.8	28
123	Using second-order calibration to identify and quantify aromatic sulfonates in water by high-performance liquid chromatography in the presence of coeluting interferences. Journal of Chromatography A, 2003, 988, 277-284.	1.8	27
124	On-line coupling of solid-phase extraction to gas chromatographyâ€“mass spectrometry to determine musk fragrances in wastewater. Journal of Chromatography A, 2014, 1364, 1-11.	1.8	27
125	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. Journal of Separation Science, 2017, 40, 3621-3631.	1.3	25
126	An inâ€line SPE strategy to enhance sensitivity in CE for the determination of pharmaceutical compounds in river water samples. Electrophoresis, 2011, 32, 2114-2122.	1.3	24

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127	Investigation of inâ€line solidâ€phase extraction capillary electrophoresis for the analysis of drugs of abuse and their metabolites in water samples. Electrophoresis, 2012, 33, 528-535.	1.3	24
128	A simple, fast method for the analysis of 20 contaminants of emerging concern in river water using large-volume direct injection liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 1601-1610.	1.9	24
129	Synthesis of hydrophilic sorbents from N -vinylimidazole/divinylbenzene and the evaluation of their sorption properties in the solid-phase extraction of polar compounds. Journal of Polymer Science Part A, 2004, 42, 2019-2025.	2.5	23
130	Sample stacking for the analysis of eight penicillin antibiotics by micellar electrokinetic capillary chromatography. Electrophoresis, 2005, 26, 954-961.	1.3	23
131	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. Journal of Chromatography A, 2013, 1286, 16-21.	1.8	23
132	Singleâ€drop microextraction combined inâ€line with capillary electrophoresis for the determination of nonsteroidal antiâ€inflammatory drugs in urine samples. Electrophoresis, 2016, 37, 274-281.	1.3	23
133	Degradation of synthetic fragrances by laccase-mediated system. Journal of Hazardous Materials, 2017, 334, 233-243.	6.5	23
134	Determination of benzothiazoles in seafood species by subcritical water extraction followed by solid-phase microextraction-gas chromatography-tandem mass spectrometry: estimating the dietary intake. Analytical and Bioanalytical Chemistry, 2017, 409, 5513-5522.	1.9	23
135	Determination of organophosphate ester flame retardants and plasticisers in fish samples by QuEChERs followed by gas chromatography-tandem mass spectrometry. Exposure and risk assessment through fish consumption. Journal of Chromatography A, 2020, 1626, 461356.	1.8	23
136	Overview of mixed-mode ion-exchange materials in the extraction of organic compounds. Analytica Chimica Acta, 2020, 1117, 89-107.	2.6	23
137	Liquid chromatography tandem mass spectrometry determination of 34 priority and emerging pollutants in water from the influent and effluent of a drinking water treatment plant. Journal of Chromatography A, 2020, 1621, 461090.	1.8	23
138	Automated onâ€fiber derivatization with headspace SPMEâ€GCâ€MSâ€MS for the determination of primary amines in sewage sludge using pressurized hot water extraction. Journal of Separation Science, 2011, 34, 1531-1537.	1.3	22
139	Lung cancer risk by polycyclic aromatic hydrocarbons in a Mediterranean industrialized area. Environmental Science and Pollution Research, 2016, 23, 23215-23227.	2.7	22
140	Enantiodetermination of R,S-3,4-methylenedioxypyrovalerone in urine samples by high pressure in-line solid-phase extraction capillary electrophoresis-mass spectrometry. Talanta, 2021, 225, 121994.	2.9	22
141	Simultaneous determination of weakly ionizable analytes in urine and plasma samples by transient pseudo-isotachophoresis in capillary zone electrophoresis. Analytical and Bioanalytical Chemistry, 2011, 400, 527-534.	1.9	21
142	Electrokinetic supercharging in <scp>CE</scp> for the separation and preconcentration of barbiturate drugs in urine samples. Journal of Separation Science, 2013, 36, 524-531.	1.3	21
143	Trace-level determination of sweeteners in sewage sludge using selective pressurized liquid extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2015, 1408, 15-21.	1.8	21
144	Passive sampling of volatile organic compounds in industrial atmospheres: Uptake rate determinations and application. Science of the Total Environment, 2019, 666, 235-244.	3.9	21

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145	Multi-residue analysis of several high-production-volume chemicals present in the particulate matter from outdoor air. A preliminary human exposure estimation. Chemosphere, 2020, 252, 126514.	4.2	21
146	Influence of the Organic Solvent in On-Line Solid Phase Extraction for the Determination of PAHs by Liquid Chromatography and Fluorescence Detection. Journal of High Resolution Chromatography, 1998, 21, 667-670.	2.0	20
147	Comparison of different imidazolium supported ionic liquid polymeric phases with strong anionâ€exchange character for the extraction of acidic pharmaceuticals from complex environmental samples. Journal of Separation Science, 2012, 35, 1953-1958.	1.3	20
148	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. Journal of Chromatography A, 2015, 1426, 191-200.	1.8	20
149	Novel capsule phase microextraction in combination with liquid chromatography-tandem mass spectrometry for determining personal care products in environmental water. Analytical and Bioanalytical Chemistry, 2018, 410, 2991-3001.	1.9	20
150	Large-volume sample stacking for on-capillary sample enrichment in the determination of naphthalene- and benzenesulfonates in real water samples by capillary zone electrophoresis. Analyst, The, 2001, 126, 1312-1317.	1.7	19
151	Sorbent-packed needle microextraction trap for synthetic musks determination in wastewater samples. Talanta, 2015, 132, 548-556.	2.9	19
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