

Francesc Borrull

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218
papers

7,161
citations

47
h-index

69
g-index

220
ext. papers

7,785
ext. citations

5.3
avg, IF

6.19
L-index

#	Paper	IF	Citations
218	Chronic risk assessment of exposure to volatile organic compounds in the atmosphere near the largest Mediterranean industrial site. <i>Environment International</i> , 2012 , 39, 200-9	12.9	167
217	Risk assessment related to atmospheric polycyclic aromatic hydrocarbons in gas and particle phases near industrial sites. <i>Environmental Health Perspectives</i> , 2011 , 119, 1110-6	8.4	141
216	Sampling and preconcentration techniques for determination of volatile organic compounds in air samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 347-361	14.6	132
215	Occurrence of polybrominated diphenylethers, polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls in coastal sediments from Spain. <i>Environmental Pollution</i> , 2005 , 136, 493-501	9.3	131
214	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	14.6	130
213	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, 233-8	4.5	127
212	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	4.5	126
211	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, 169-78	4.5	126
210	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, 5619-25	4.5	106
209	New coatings for stir-bar sorptive extraction of polar emerging organic contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 54, 11-23	14.6	101
208	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, 137-43	3.2	100
207	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	6.6	98
206	Determination of antibiotic compounds in water by solid-phase extraction-high-performance liquid chromatography-(electrospray) mass spectrometry. <i>Journal of Chromatography A</i> , 2003 , 1010, 225-32	4.5	89
205	Determination of ciprofloxacin, enrofloxacin and flumequine in pig plasma samples by capillary isotachopheresis--capillary zone electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 772, 163-72	3.2	88
204	Evaluation of a new hypercrosslinked polymer as a sorbent for solid-phase extraction of polar compounds. <i>Journal of Chromatography A</i> , 2005 , 1075, 51-6	4.5	86
203	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	14.6	85
202	Presence of Pharmaceuticals and Hormones in Waters from Sewage Treatment Plants. <i>Water, Air, and Soil Pollution</i> , 2011 , 217, 267-281	2.6	82

201	Ionic liquids in solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 41, 15-26	14.6	80
200	Estrogens and their conjugates: Determination in water samples by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2009 , 78, 1327-31	6.2	80
199	Pharmaceutical determination in surface and wastewaters using high-performance liquid chromatography-(electrospray)-mass spectrometry. <i>Journal of Separation Science</i> , 2007 , 30, 297-303	3.4	79
198	Determination of macrolide antibiotics in meat and fish using pressurized liquid extraction and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1208, 83-9	4.5	79
197	Occurrence of pharmaceuticals and hormones in sewage sludge. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1484-9	3.8	78
196	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	6.6	77
195	Supported imidazolium ionic liquid phases: a new material for solid-phase extraction. <i>Talanta</i> , 2009 , 80, 250-6	6.2	75
194	Fully automated ionic liquid-based headspace single drop microextraction coupled to GC-MS/MS to determine musk fragrances in environmental water samples. <i>Talanta</i> , 2012 , 99, 824-32	6.2	70
193	Sorbent preconcentration procedures coupled to capillary electrophoresis for environmental and biological applications. <i>Analytica Chimica Acta</i> , 2008 , 616, 1-18	6.6	70
192	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, 224-30	4.5	70
191	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. <i>Electrophoresis</i> , 2003 , 24, 2779-87	3.6	70
190	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, 2833-9	4.4	65
189	Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers. <i>Environment International</i> , 2014 , 71, 139-47	12.9	63
188	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	2.5	63
187	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	14.6	60
186	Recent advances in coupling solid-phase extraction and capillary electrophoresis (SPE/CE). <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 664-678	14.6	60
185	Solid-phase extraction of polar compounds with a hydrophilic copolymeric sorbent. <i>Journal of Chromatography A</i> , 2004 , 1030, 63-8	4.5	60
184	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, 941-50	6.2	59

183	Application of capillary electrophoresis with different sample stacking strategies for the determination of a group of nonsteroidal anti-inflammatory drugs in the low microg x L(-1) concentration range. <i>Electrophoresis</i> , 2004 , 25, 428-36	3.6	59
182	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, 6226-31	4.5	56
181	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, 1230-6	3.4	56
180	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, 719-27	6.2	55
179	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, 562-9	6.2	55
178	Capillary electrophoresis for the analysis of non-steroidal anti-inflammatory drugs. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 133-153	14.6	55
177	Quantification from highly drifted and overlapped chromatographic peaks using second-order calibration methods. <i>Journal of Chromatography A</i> , 2004 , 1035, 195-202	4.5	55
176	Determination of non-ionic and anionic surfactants in environmental water matrices. <i>Talanta</i> , 2011 , 84, 859-66	6.2	52
175	Analytical methods for personal-care products in environmental waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 749-760	14.6	52
174	Pressurized liquid extraction of pharmaceuticals from sewage-sludge. <i>Journal of Separation Science</i> , 2007 , 30, 979-84	3.4	49
173	Determination of some acidic drugs in surface and sewage treatment plant waters by capillary electrophoresis-electrospray ionization-mass spectrometry. <i>Electrophoresis</i> , 2004 , 25, 3441-9	3.6	49
172	Sample stacking for the analysis of penicillins by microemulsion electrokinetic capillary chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 831, 196-204	3.2	48
171	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, 4430-8	4.5	47
170	Selective materials for solid-phase extraction in environmental analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 1, e8-e18	12	46
169	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, 580-8	3.4	46
168	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, 180-7	4.5	46
167	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, 156-61	4.5	46
166	Capillary electrophoresis and related techniques in the determination of drugs of abuse and their metabolites. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 74, 89-108	14.6	45

165	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, 118-24	4.5	45
164	Different sample stacking strategies to analyse some nonsteroidal anti-inflammatory drugs by micellar electrokinetic capillary chromatography in mineral waters. <i>Journal of Chromatography A</i> , 2006 , 1117, 234-45	4.5	44
163	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, 106-14	4.5	43
162	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, 4312-9	10.2	43
161	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, 1091-101	3.4	41
160	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, 1342-51	6.2	40
159	Fully automated determination of N-nitrosamines in environmental waters by headspace solid-phase microextraction followed by GC-MS-MS. <i>Journal of Separation Science</i> , 2010 , 33, 3692-700	3.4	40
158	Determination of mycotoxins in plant-based beverages using QuEChERS and liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2017 , 229, 366-372	8.5	39
157	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	4.5	39
156	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	4.5	39
155	On-line solid-phase extraction coupled to hydrophilic interaction chromatography-mass spectrometry for the determination of polar drugs. <i>Journal of Chromatography A</i> , 2011 , 1218, 5975-80	4.5	39
154	Automated determination of aliphatic primary amines in wastewater by simultaneous derivatization and headspace solid-phase microextraction followed by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 575-81	4.5	39
153	Selective extraction of sulfonamides, macrolides and other pharmaceuticals from sewage sludge by pressurized liquid extraction. <i>Journal of Chromatography A</i> , 2007 , 1174, 125-31	4.5	39
152	Separation and on-column preconcentration of some nonsteroidal anti-inflammatory drugs by microemulsion electrokinetic capillary chromatography using high-speed separations. <i>Electrophoresis</i> , 2005 , 26, 970-9	3.6	39
151	Volatile organic compounds in air at urban and industrial areas in the Tarragona region by thermal desorption and gas chromatography-mass spectrometry. <i>Environmental Monitoring and Assessment</i> , 2010 , 161, 389-402	3.1	38
150	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	6.2	37
149	Preparation of a polar monolithic coating for stir bar sorptive extraction of emerging contaminants from wastewaters. <i>Journal of Chromatography A</i> , 2013 , 1295, 42-7	4.5	37
148	Improving the sensitivity of the determination of ceftiofur by capillary electrophoresis in environmental water samples: in-line solid phase extraction and sample stacking techniques. <i>Analytica Chimica Acta</i> , 2007 , 587, 208-15	6.6	37

147	Selective solid-phase extraction of amoxicillin and cephalexin from urine samples using a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2008 , 31, 2868-74	3.4	37
146	Determination of musk fragrances in sewage sludge by pressurized liquid extraction coupled to automated ionic liquid-based headspace single-drop microextraction followed by GC-MS/MS. <i>Journal of Separation Science</i> , 2012 , 35, 2735-42	3.4	36
145	In-line solid-phase extraction-capillary electrophoresis coupled with mass spectrometry for determination of drugs of abuse in human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 777-84	4.4	36
144	Occurrence of twenty-six endocrine-disrupting compounds in environmental water samples from Catalonia, Spain. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 261-7	3.8	36
143	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, 2080-5	3.4	36
142	Fully automated determination of macrocyclic musk fragrances in wastewater by microextraction by packed sorbents and large volume injection gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1264, 87-94	4.5	35
141	Pressurised hot water extraction followed by headspace solid-phase microextraction and gas chromatography-tandem mass spectrometry for the determination of N-nitrosamines in sewage sludge. <i>Talanta</i> , 2012 , 88, 284-9	6.2	35
140	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	6.2	34
139	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, 281-8	4.5	34
138	Selective determination of pharmaceuticals and illicit drugs in wastewaters using a novel strong cation-exchange solid-phase extraction combined with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1325, 137-46	4.5	33
137	Weak anion-exchange hypercrosslinked sorbent in on-line solid-phase extraction-liquid chromatography coupling to achieve automated determination with an effective clean-up. <i>Journal of Chromatography A</i> , 2010 , 1217, 2855-61	4.5	33
136	Using nonaqueous capillary electrophoresis to analyze several quinolones in pig kidney samples. <i>Electrophoresis</i> , 2002 , 23, 506-11	3.6	33
135	Time shift correction in second-order liquid chromatographic data with iterative target transformation factor analysis. <i>Analytica Chimica Acta</i> , 2002 , 470, 163-173	6.6	33
134	Influence of pre-treatment process on matrix effect for the determination of musk fragrances in fish and mussel. <i>Talanta</i> , 2015 , 134, 690-698	6.2	32
133	Comparison between sampling and analytical methods in characterization of pollutants in biogas. <i>Talanta</i> , 2012 , 100, 145-52	6.2	32
132	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	2.5	32
131	Molecularly imprinted solid-phase extraction of naphthalene sulfonates from water. <i>Journal of Chromatography A</i> , 2004 , 1047, 175-80	4.5	32
130	Human exposure to brominated flame retardants through the consumption of fish and shellfish in Tarragona County (Catalonia, Spain). <i>Food and Chemical Toxicology</i> , 2017 , 104, 48-56	4.7	31

129	Hypercrosslinked strong anion-exchange resin for extraction of acidic pharmaceuticals from environmental water. <i>Journal of Separation Science</i> , 2012 , 35, 2621-8	3.4	30
128	Phosphodiesterase type V inhibitors: Occurrence and fate in wastewater and sewage sludge. <i>Water Research</i> , 2010 , 44, 1607-15	12.5	30
127	On-line coupling of solid-phase extraction and capillary electrophoresis for the determination of cefoperazone and ceftiofur in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 856, 365-70	3.2	30
126	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, 2182-8	3.4	30
125	Sensitivity enhancement for the analysis of naproxen in tap water by solid-phase extraction coupled in-line to capillary electrophoresis. <i>Journal of Separation Science</i> , 2008 , 31, 872-80	3.4	30
124	Occurrence of benzothiazole, benzotriazole and benzenesulfonamide derivatives in outdoor air particulate matter samples and human exposure assessment. <i>Chemosphere</i> , 2018 , 193, 557-566	8.4	30
123	Recent approaches for the determination of synthetic musk fragrances in environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 72, 80-92	14.6	29
122	Determination of pharmaceuticals in wastewaters using solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2012 , 35, 875-82	3.4	29
121	Electrokinetic supercharging focusing in capillary zone electrophoresis of weakly ionizable analytes in environmental and biological samples. <i>Electrophoresis</i> , 2010 , 31, 2964-73	3.6	29
120	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. <i>Analytica Chimica Acta</i> , 2010 , 665, 231-6	6.6	29
119	Enantioselective determination of cathinone derivatives in human hair by capillary electrophoresis combined in-line with solid-phase extraction. <i>Electrophoresis</i> , 2016 , 37, 2352-62	3.6	29
118	Determination of pharmaceuticals in bivalves using QuEChERS extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 3841-9	4.4	28
117	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	14.6	28
116	Use of large-volume sample stacking in on-line solid-phase extraction-capillary electrophoresis for improved sensitivity. <i>Electrophoresis</i> , 2008 , 29, 1339-46	3.6	28
115	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, 281-4	4.5	28
114	Monitoring PAHs in the petrochemical area of Tarragona County, Spain: comparing passive air samplers with lichen transplants. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11890-11900	5.1	27
113	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	12.8	26
112	Exposure of the population of Catalonia (Spain) to musk fragrances through seafood consumption: Risk assessment. <i>Environmental Research</i> , 2015 , 143, 116-22	7.9	26

111	A simple and automated method to determine macrocyclic musk fragrances in sewage sludge samples by headspace solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1314, 38-43	4.5	26
110	Determination of UV filters in river water samples by in-line SPE-CE-MS. <i>Electrophoresis</i> , 2013 , 34, 374-82	3.6	26
109	Molecularly imprinted solid-phase extraction of cephalexin from water-based matrices. <i>Journal of Separation Science</i> , 2009 , 32, 3319-26	3.4	26
108	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	1.8	25
107	Evaluation of the Removal of Pollutants from Petrochemical Wastewater Using A Membrane Bioreactor Treatment Plant. <i>Water, Air, and Soil Pollution</i> , 2009 , 197, 349-359	2.6	25
106	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, 277-84	4.5	25
105	Different strategies for the preconcentration and separation of parabens by capillary electrophoresis. <i>Electrophoresis</i> , 2013 , 34, 363-73	3.6	24
104	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	10.2	23
103	An in-line SPE strategy to enhance sensitivity in CE for the determination of pharmaceutical compounds in river water samples. <i>Electrophoresis</i> , 2011 , 32, 2114-22	3.6	23
102	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. <i>Electrophoresis</i> , 2016 , 37, 1232-44	3.6	23
101	Investigation of in-line solid-phase extraction capillary electrophoresis for the analysis of drugs of abuse and their metabolites in water samples. <i>Electrophoresis</i> , 2012 , 33, 528-35	3.6	22
100	Sample treatment for the determination of emerging organic contaminants in aquatic organisms. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 97, 136-145	14.6	22
99	On-line weak cationic mixed-mode solid-phase extraction coupled to liquid chromatography-mass spectrometry to determine illicit drugs at low concentration levels from environmental waters. <i>Journal of Chromatography A</i> , 2013 , 1286, 16-21	4.5	22
98	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	2.5	21
97	Sample stacking for the analysis of eight penicillin antibiotics by micellar electrokinetic capillary chromatography. <i>Electrophoresis</i> , 2005 , 26, 954-61	3.6	21
96	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	4.5	20
95	On-line coupling of solid-phase extraction to gas chromatography-mass spectrometry to determine musk fragrances in wastewater. <i>Journal of Chromatography A</i> , 2014 , 1364, 1-11	4.5	20
94	Simultaneous determination of weakly ionizable analytes in urine and plasma samples by transient pseudo-isotachopheresis in capillary zone electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 527-34	4.4	20

93	Lung cancer risk by polycyclic aromatic hydrocarbons in a Mediterranean industrialized area. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 23215-23227	5.1	20
92	Determination of seven drugs of abuse and their metabolites in surface and wastewater using solid-phase extraction coupled to liquid chromatography with high-resolution mass spectrometry. <i>Journal of Separation Science</i> , 2017 , 40, 3621-3631	3.4	19
91	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, 1953-8	3.4	19
90	Materials for Solid-Phase Extraction of Organic Compounds. <i>Separations</i> , 2019 , 6, 56	3.1	19
89	Single-drop microextraction combined in-line with capillary electrophoresis for the determination of nonsteroidal anti-inflammatory drugs in urine samples. <i>Electrophoresis</i> , 2016 , 37, 274-81	3.6	18
88	Electrokinetic supercharging in CE for the separation and preconcentration of barbiturate drugs in urine samples. <i>Journal of Separation Science</i> , 2013 , 36, 524-31	3.4	18
87	Automated on-fiber derivatization with headspace SPME-GC-MS-MS for the determination of primary amines in sewage sludge using pressurized hot water extraction. <i>Journal of Separation Science</i> , 2011 , 34, 1531-7	3.4	18
86	Degradation of synthetic fragrances by laccase-mediated system. <i>Journal of Hazardous Materials</i> , 2017 , 334, 233-243	12.8	17
85	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. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 1601-1610	4.4	17
84	Trace-level determination of sweeteners in sewage sludge using selective pressurized liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1408, 15-21	4.5	17
83	Pressurized Liquid Extraction of Contaminants from Environmental Samples. <i>Current Analytical Chemistry</i> , 2008 , 4, 157-167	1.7	17
82	Enantioselective determination of cathinones in urine by high pressure in-line SPE-CE. <i>Electrophoresis</i> , 2019 , 40, 1762-1770	3.6	16
81	Sorbent-packed needle microextraction trap for synthetic musks determination in wastewater samples. <i>Talanta</i> , 2015 , 132, 548-56	6.2	16
80	An automated headspace solid-phase microextraction followed by gas chromatography-mass spectrometry method to determine macrocyclic musk fragrances in wastewater samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 9547-54	4.4	16
79	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	4.5	16
78	Mixed-mode ion-exchange polymeric sorbents in environmental analysis. <i>Journal of Chromatography A</i> , 2020 , 1609, 460531	4.5	16
77	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, 4277-85	4.4	15
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44	Overview of mixed-mode ion-exchange materials in the extraction of organic compounds. <i>Analytica Chimica Acta</i> , 2020 , 1117, 89-107	6.6	7
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