

Francesc Borrull

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Phthalate esters in marine ecosystems: Analytical methods, occurrence and distribution. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 151, 116598	14.6	2
217	Multiresidue analytical method for high production volume chemicals in dust samples, occurrence and human exposure assessment.. <i>Chemosphere</i> , 2022 , 134639	8.4	0
216	Evaluation of air quality in indoor and outdoor environments: Impact of anti-COVID-19 measures.. <i>Science of the Total Environment</i> , 2022 , 155611	10.2	1
215	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> , 2021 , 1663, 462748	4.5	2
214	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> , 2021 , 1661, 462715	4.5	2
213	Comparison of different chiral selectors for the enantiomeric determination of amphetamine-type substances in human urine by solid-phase extraction followed by capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2021 ,	3.6	3
212	A Fast Analytical Method for Determining Synthetic Cathinones in Oral Fluid by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 693-700	2.9	2
211	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	8.5	4
210	Enantiomer determination of R,S-3,4-methylenedioxypropylamphetamine in urine samples by high pressure in-line solid-phase extraction capillary electrophoresis-mass spectrometry. <i>Talanta</i> , 2021 , 225, 121994	6.2	6
209	Presence of emerging organic contaminants and solvents in schools using passive sampling. <i>Science of the Total Environment</i> , 2021 , 764, 142903	10.2	4
208	Presence, behaviour and removal of selected organic micropollutants through drinking water treatment. <i>Chemosphere</i> , 2021 , 276, 130023	8.4	8
207	Determination of Synthetic Cathinones in Urine and Oral Fluid by Liquid Chromatography High-Resolution Mass Spectrometry and Low-Resolution Mass Spectrometry: A Method Comparison. <i>Separations</i> , 2020 , 7, 53	3.1	2
206	Passive sampling to control air quality in schools: Uptake rate determination and application. <i>Indoor Air</i> , 2020 , 30, 1005-1017	5.4	2
205	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	3.4	3
204	Field-amplified sample injection combined with CE for the enantiomer determination of cathinones in urine samples. <i>Journal of Separation Science</i> , 2020 , 43, 2914-2924	3.4	7
203	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	4.5	5
202	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	4.5	6

201	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. <i>Journal of Chromatography A</i> , 2020 , 1626, 461356	4.5	6
200	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	8.4	6
199	Comparison of polysaccharide-based and protein-based chiral liquid chromatography columns for enantioseparation of drugs. <i>Chirality</i> , 2020 , 32, 876-884	2.1	7
198	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
197	Solid-phase extraction based on cation-exchange sorbents followed by liquid chromatography high-resolution mass spectrometry to determine synthetic cathinones in urine. <i>Forensic Toxicology</i> , 2020 , 38, 185-194	2.6	12
196	Analytical methods for determining organic compounds present in the particulate matter from outdoor air. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 122, 115707	14.6	8
195	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	10.2	6
194	An electrokinetic supercharging approach for the enantiodetermination of cathinones in urine samples by capillary electrophoresis. <i>Microchemical Journal</i> , 2020 , 158, 105300	4.8	6
193	A liquid chromatography tandem mass spectrometry method for determining 18 per- and polyfluoroalkyl substances in source and treated drinking water. <i>Journal of Chromatography A</i> , 2020 , 1629, 461485	4.5	4
192	Enantiomeric determination of cathinones in environmental water samples by liquid chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1626, 461359	4.5	3
191	Multiresidue Analysis of Organic UV Filters and UV Stabilizers in Fish of Common Consumption. <i>Foods</i> , 2020 , 9,	4.9	5
190	Mixed-mode ion-exchange polymeric sorbents in environmental analysis. <i>Journal of Chromatography A</i> , 2020 , 1609, 460531	4.5	16
189	Porous polymer sorbents 2020 , 55-82		3
188	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. <i>Journal of Chromatography A</i> , 2020 , 1621, 461090	4.5	11
187	The partitioning of ¹³¹ I in sludge samples from a wastewater treatment plant. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019 , 319, 1243-1250	1.5	1
186	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	1.1	5
185	Enantioselective determination of cathinones in urine by high pressure in-line SPE-CE. <i>Electrophoresis</i> , 2019 , 40, 1762-1770	3.6	16
184	Role of solid-phase extraction in wastewater-based epidemiology. <i>Current Opinion in Environmental Science and Health</i> , 2019 , 9, 26-33	8.1	12

183	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
182	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	10.2	13
181	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
180	Materials for Solid-Phase Extraction of Organic Compounds. <i>Separations</i> , 2019 , 6, 56	3.1	19
179	Optimised extraction methods for the determination of trichothecenes in rat faeces followed by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1105, 47-53	3.2	4
178	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	5.3	5
177	Solid phase microextraction Arrow for the determination of synthetic musk fragrances in fish samples. <i>Journal of Chromatography A</i> , 2019 , 1591, 55-61	4.5	14
176	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	4.4	11
175	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	3.4	4
174	Sensitivity Enhancement in Capillary Electrophoresis Using Magnetic Particles as Solid-Phase Extraction Sorbents for the Determination of Drugs of Abuse in Urine. <i>Methods in Molecular Biology</i> , 2018 , 1810, 89-96	1.4	2
173	Monitoring and evaluation of the interaction between deoxynivalenol and gut microbiota in Wistar rats by mass spectrometry-based metabolomics and next-generation sequencing. <i>Food and Chemical Toxicology</i> , 2018 , 121, 124-130	4.7	10
172	Evaluation of active sampling strategies for the determination of 1,3-butadiene in air. <i>Atmospheric Environment</i> , 2018 , 176, 21-29	5.3	11
171	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	4.4	11
170	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
169	Determination of Trichothecenes in Cereal Matrices Using Subcritical Water Extraction Followed by Solid-Phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2018 , 11, 1113-1121	3.4	6
168	Preliminary assessment of galaxolide bioaccessibility in raw and cooked FISH. <i>Food and Chemical Toxicology</i> , 2018 , 122, 33-37	4.7	4
167	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
166	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

165	Degradation of synthetic fragrances by laccase-mediated system. <i>Journal of Hazardous Materials</i> , 2017 , 334, 233-243	12.8	17
164	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
163	Pressurised liquid extraction and liquid chromatography-high resolution mass spectrometry to determine high-intensity sweeteners in fish samples. <i>Journal of Chromatography A</i> , 2017 , 1479, 32-39	4.5	6
162	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
161	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
160	Determination of benzothiazoles in seafood species by subcritical water extraction followed by solid-phase microextraction-gas chromatography-tandem mass spectrometry: estimating the dietary intake. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 5513-5522	4.4	14
159	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
158	Different sample treatments for the determination of ICM-XR in fish samples followed by LC-HRMS. <i>Talanta</i> , 2017 , 163, 1-7	6.2	5
157	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
156	Findings in the hair of drug abusers using pressurized liquid extraction and solid-phase extraction coupled in-line with capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 131, 420-428	3.5	14
155	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
154	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
153	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
152	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
151	Pressurized liquid extraction followed by liquid chromatography with tandem mass spectrometry to determine pharmaceuticals in mussels. <i>Journal of Separation Science</i> , 2016 , 39, 741-7	3.4	11
150	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
149	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
148	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

147	Determination of antioxidants in polyolefins by pressurized liquid extraction prior to high performance liquid chromatography. <i>Polymer Testing</i> , 2015 , 46, 21-25	4.5	2
146	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
145	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
144	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	1.8	5
143	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
142	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
141	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
140	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
139	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
138	Sorbent-packed needle microextraction trap for synthetic musks determination in wastewater samples. <i>Talanta</i> , 2015 , 132, 548-56	6.2	16
137	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
136	Determination of cocaine in abuser hairs by CE: monitoring compliance to a detoxification program. <i>Bioanalysis</i> , 2015 , 7, 437-47	2.1	10
135	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
134	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
133	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	6.2	10
132	Selective materials for solid-phase extraction in environmental analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 1, e8-e18	12	46
131	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
130	Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers. <i>Environment International</i> , 2014 , 71, 139-47	12.9	63

129	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, 1111-7	3.4	2
128	Headspace stir bar sorptive extraction followed by thermal desorption and gas chromatography with mass spectrometry to determine musk fragrances in sludge samples without sample pretreatment. <i>Journal of Separation Science</i> , 2014 , 37, 1322-9	3.4	8
127	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
126	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
125	Development of new polar monolithic coatings for stir bar sorptive extraction. <i>Journal of Separation Science</i> , 2014 , 37, 2225-32	3.4	11
124	In-line solid-phase extraction-capillary zone electrophoresis for the determination of barbiturate drugs in human urine. <i>Analytical Sciences</i> , 2014 , 30, 971-7	1.7	4
123	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, 3481-8	3.4	6
122	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 , 1364, 1-11	4.5	39
121	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
120	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
119	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
118	Different strategies for the preconcentration and separation of parabens by capillary electrophoresis. <i>Electrophoresis</i> , 2013 , 34, 363-73	3.6	24
117	Determination of UV filters in river water samples by in-line SPE-CE-MS. <i>Electrophoresis</i> , 2013 , 34, 374-82	3.6	26
116	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
115	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
114	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
113	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
112	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, 1621-8	3.4	8

111	Evaluation of the use of reverse osmosis to eliminate natural radionuclides from water samples. <i>Water Environment Research</i> , 2013 , 85, 2265-70	2.8	8
110	Performance of zwitterionic hydrophilic interaction LC for the determination of iodinated X-ray contrast agents. <i>Journal of Separation Science</i> , 2013 , 36, 3688-95	3.4	8
109	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
108	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
107	Ionic liquids in solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 41, 15-26	14.6	80
106	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
105	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
104	DETERMINATION OF ANTI-INFLAMMATORY DRUGS IN RIVER WATER BY SWEEPING-MICELLAR ELECTROKINETIC CAPILLARY CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012 , 35, 2134-2147	1.3	6
103	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
102	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
101	Comparison between sampling and analytical methods in characterization of pollutants in biogas. <i>Talanta</i> , 2012 , 100, 145-52	6.2	32
100	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
99	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
98	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
97	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
96	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
95	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
94	Determination and occurrence of organic micropollutants in reverse osmosis treatment for advanced water reuse. <i>Water Science and Technology</i> , 2012 , 66, 61-71	2.2	10

93	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
92	Determination of non-ionic and anionic surfactants in environmental water matrices. <i>Talanta</i> , 2011 , 84, 859-66	6.2	52
91	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
90	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
89	On-Column Preconcentration of Anti-Inflammatory Drugs in River Water by Anion-Selective Exhaustive Injection-Sweeping-MEKC. <i>Chromatographia</i> , 2011 , 73, 83-91	2.1	13
88	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
87	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
86	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
85	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
84	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
83	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
82	Analytical methods for personal-care products in environmental waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 749-760	14.6	52
81	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
80	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
79	Phosphodiesterase type V inhibitors: Occurrence and fate in wastewater and sewage sludge. <i>Water Research</i> , 2010 , 44, 1607-15	12.5	30
78	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
77	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
76	Occurrence of pharmaceuticals and hormones in sewage sludge. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1484-9	3.8	78

75	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
74	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
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