

Rosa Maria Marc i Recasens

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.

255
papers

11,635
citations

62
h-index

92
g-index

257
ext. papers

12,474
ext. citations

5.6
avg, IF

6.41
L-index

#	Paper	IF	Citations
255	Novel in-house mixed-mode ion-exchange materials for sorptive phase extraction techniques. <i>Advances in Sample Preparation</i> , 2022 , 1, 100008		
254	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	4.8	1
253	Phthalate esters in marine ecosystems: Analytical methods, occurrence and distribution. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 151, 116598	14.6	2
252	Multiresidue analytical method for high production volume chemicals in dust samples, occurrence and human exposure assessment.. <i>Chemosphere</i> , 2022 , 134639	8.4	0
251	Artificial Sweeteners 2022 , 151-186		
250	Personal Care Products 2022 , 71-126		
249	High Production Volume Chemicals 2022 , 223-262		0
248	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
247	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
246	Hypercrosslinked 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
245	Clean-up techniques in the pressurized liquid extraction of abiotic environmental solid samples. <i>Trends in Environmental Analytical Chemistry</i> , 2021 , 29, e00111	12	2
244	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 ¹²		2
243	The embodiment of wastewater data for the estimation of illicit drug consumption in Spain. <i>Science of the Total Environment</i> , 2021 , 772, 144794	10.2	7
242	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	4.5	3
241	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123272	12.8	15
240	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
239	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

238	Passive sampling to control air quality in schools: Uptake rate determination and application. <i>Indoor Air</i> , 2020 , 30, 1005-1017	5.4	2
237	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
236	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
235	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020 , 741, 140384	10.2	12
234	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
233	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
232	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
231	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
230	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
229	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
228	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
227	Assessing alcohol consumption through wastewater-based epidemiology: Spain as a case study. <i>Drug and Alcohol Dependence</i> , 2020 , 215, 108241	4.9	12
226	Mixed-mode ion-exchange polymeric sorbents in environmental analysis. <i>Journal of Chromatography A</i> , 2020 , 1609, 460531	4.5	16
225	Porous polymer sorbents 2020 , 55-82		3
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	1.1	5
223	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
222	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
221	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

220	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	9.3	10
219	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	10.2	18
218	Materials for Solid-Phase Extraction of Organic Compounds. <i>Separations</i> , 2019 , 6, 56	3.1	19
217	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
216	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
215	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
214	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
213	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
212	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
211	Water Analysis Organic Compounds 2018 , 286-286		
210	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
209	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	4.5	28
208	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
207	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
206	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
205	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
204	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
203	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

202	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	6.6	15
201	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
200	Hyperscrosslinked materials: preparation, characterisation and applications. <i>Polymer Chemistry</i> , 2015 , 6, 7231-7244	4.9	91
199	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
198	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
197	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
196	Human exposure pathways to organophosphate triesters - a biomonitoring study of mother-child pairs. <i>Environment International</i> , 2015 , 75, 159-65	12.9	156
195	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, 54-9	12.9	56
194	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
193	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
192	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
191	Selective materials for solid-phase extraction in environmental analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2014 , 1, e8-e18	12	46
190	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
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	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
187	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	4.5	22
186	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	6.6	43
185	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	11	4

184	Occurrence of a broad range of legacy and emerging flame retardants in indoor environments in Norway. <i>Environmental Science & Technology</i> , 2014 , 48, 6827-35	10.3	262
183	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, 585-96	2.2	37
182	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
181	Development of new polar monolithic coatings for stir bar sorptive extraction. <i>Journal of Separation Science</i> , 2014 , 37, 2225-32	3.4	11
180	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
179	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 , 1288, 31-41	4.5	39
178	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	4.5	26
177	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
176	Determination of polyether ionophores in urban sewage sludge by pressurised liquid extraction and liquid chromatography-tandem mass spectrometry: study of different clean-up strategies. <i>Journal of Chromatography A</i> , 2013 , 1285, 31-9	4.5	18
175	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, 186-93	6.2	26
174	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	4.5	48
173	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	6.2	29
172	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
171	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, 126-32	4.5	40
170	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
169	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
168	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
167	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

166	Ionic liquids in solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 41, 15-26	14.6	80
165	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, 4103-8	4.7	37
164	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	4.5	13
163	Comparison between sampling and analytical methods in characterization of pollutants in biogas. <i>Talanta</i> , 2012 , 100, 145-52	6.2	32
162	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
161	Hyperscrosslinked 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
160	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, 473-8	6.2	32
159	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
158	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
157	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
156	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	4.5	48
155	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	4.5	45
154	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, 135-42	6.6	67
153	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
152	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	3.6	29
151	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 1269-1278	14.6	82
150	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
149	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

148	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
147	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
146	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
145	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, 4612-8	4.5	22
144	Analytical methods for personal-care products in environmental waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 749-760	14.6	52
143	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
142	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
141	Phosphodiesterase type V inhibitors: Occurrence and fate in wastewater and sewage sludge. <i>Water Research</i> , 2010 , 44, 1607-15	12.5	30
140	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
139	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
138	Occurrence of pharmaceuticals and hormones in sewage sludge. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1484-9	3.8	78
137	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, 1575-82	4.5	46
136	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
135	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
134	Molecularly-imprinted polymers: useful sorbents for selective extractions. <i>TrAC - Trends in Analytical Chemistry</i> , 2010 , 29, 1363-1375	14.6	225
133	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, 72-8	6.6	50
132	Hydrophilic hypercrosslinked polymeric sorbents for the solid-phase extraction of polar contaminants from water. <i>Journal of Chromatography A</i> , 2010 , 1217, 3238-43	4.5	64
131	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

130	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
129	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
128	Pressurised liquid extraction of polycyclic aromatic hydrocarbons from gas and particulate phases of atmospheric samples. <i>Journal of Separation Science</i> , 2009 , 32, 1051-9	3.4	8
127	Molecularly imprinted solid-phase extraction of cephalexin from water-based matrices. <i>Journal of Separation Science</i> , 2009 , 32, 3319-26	3.4	26
126	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
125	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, 2248-53	4.5	111
124	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
123	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
122	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	1.8	10
121	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
120	Supported imidazolium ionic liquid phases: a new material for solid-phase extraction. <i>Talanta</i> , 2009 , 80, 250-6	6.2	75
119	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
118	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
117	Pressurized Liquid Extraction of Contaminants from Environmental Samples. <i>Current Analytical Chemistry</i> , 2008 , 4, 157-167	1.7	17
116	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
115	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
114	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
113	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

112	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
111	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
110	Pressurized liquid extraction of pharmaceuticals from sewage-sludge. <i>Journal of Separation Science</i> , 2007 , 30, 979-84	3.4	49
109	New materials in sorptive extraction techniques for polar compounds. <i>Journal of Chromatography A</i> , 2007 , 1152, 14-31	4.5	231
108	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
107	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	6.6	101
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