

# Mara Soledad Crdenas Aranzana

## 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.

258  
papers

7,978  
citations

50  
h-index

74  
g-index

266  
ext. papers

8,672  
ext. citations

5.5  
avg, IF

6.48  
L-index

#	Paper	IF	Citations
258	Polymeric nanocomposites as sorbents in environmental water analysis, a close view to the synthesis and potential applications. <i>Current Opinion in Environmental Science and Health</i> , <b>2022</b> , 25, 100320	8.1	0
257	Portable stirring device for the on-site extraction of environmental waters using magnetic hydrophilic-lipophilic balance tape. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1189, 339186	6.6	1
256	Advanced polymeric solids containing nano- and micro-particles prepared via emulsion-based polymerization approaches. A review.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1208, 339669	6.6	1
255	Pre-cleaned bare wooden toothpicks for the determination of drugs in oral fluid by mass spectrometry.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 1	4.4	1
254	Potential of hydrophobic paper-based sorptive phase prepared by in-situ thermal imidization for the extraction of methadone from oral fluid samples. <i>Journal of Chromatography A</i> , <b>2022</b> , 1675, 463166	4.5	0
253	Fluorescent Sensors in Food Industry <b>2022</b> ,		
252	Solid-phase microextraction <b>2021</b> , 33-77		
251	Monolithic solids: synthesis and uses in microextraction techniques <b>2021</b> , 393-426		
250	Miniaturized solid-phase extraction <b>2021</b> , 13-31		
249	Selectivity-enhanced sorbents <b>2021</b> , 229-252		0
248	Switchable solvents <b>2021</b> , 453-470		
247	Membrane sorptive phases <b>2021</b> , 199-228		
246	Polymeric nanocomposites <b>2021</b> , 377-392		
245	Unconfined liquid-phase microextraction <b>2021</b> , 79-96		
244	Direct coupling of microextraction with instrumental techniques <b>2021</b> , 159-198		
243	Analytical sample treatment: basics and trends <b>2021</b> , 1-11		
242	A paper-based polystyrene/nylon Janus platform for the microextraction of UV filters in water samples as proof-of-concept. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 391	5.8	3

241	Photocatalytic Cellulose-Paper: Deepening in the Sustainable and Synergic Combination of Sorption and Photodegradation. <i>ACS Omega</i> , <b>2021</b> , 6, 9577-9586	3.9	4
240	Portable Raman Spectrometer as a Screening Tool for Characterization of Iberian Dry-Cured Ham. <i>Foods</i> , <b>2021</b> , 10,	4.9	1
239	Magnetic paper-based sorptive phase for enhanced mass transference in stir membrane environmental samplers. <i>Talanta</i> , <b>2021</b> , 228, 122217	6.2	9
238	Synergistic combination of polyamide-coated paper-based sorptive phase for the extraction of antibiotics in saliva. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1164, 338512	6.6	4
237	Dual-template molecularly imprinted paper for the determination of drugs of abuse in saliva samples by direct infusion mass spectrometry. <i>Microchemical Journal</i> , <b>2021</b> , 160, 105686	4.8	13
236	Polyamide-coated wooden tips coupled to direct infusion mass spectrometry, a high throughput alternative for the determination of methadone, cocaine and methamphetamine in oral fluid. <i>Microchemical Journal</i> , <b>2021</b> , 162, 105843	4.8	9
235	Magnetic hydrophobic solids prepared from Pickering emulsions for the extraction of polycyclic aromatic hydrocarbons from chamomile tea. <i>Talanta</i> , <b>2021</b> , 224, 121915	6.2	2
234	Polydopamine coated hypodermic needles as a microextraction device for the determination of tricyclic antidepressants in oral fluid by direct infusion MS/MS. <i>RSC Advances</i> , <b>2021</b> , 11, 22683-22690	3.7	1
233	Passivated graphene quantum dots for carbaryl determination in juices. <i>Journal of Separation Science</i> , <b>2021</b> , 44, 1652-1661	3.4	3
232	Unmodified cellulose filter paper, a sustainable and affordable sorbent for the isolation of biogenic amines from beer samples. <i>Journal of Chromatography A</i> , <b>2021</b> , 1651, 462297	4.5	6
231	Fan-based device for integrated air sampling and microextraction. <i>Talanta</i> , <b>2021</b> , 230, 122290	6.2	1
230	Wooden-based materials: Eco-friendly materials for direct mass spectrometric analysis and microextraction. <i>Journal of Separation Science</i> , <b>2021</b> ,	3.4	1
229	Carbon fibers as green and sustainable sorbent for the extraction of isoflavones from environmental waters. <i>Talanta</i> , <b>2021</b> , 233, 122582	6.2	3
228	Paper-based sorptive phases for microextraction and sensing. <i>Analytical Methods</i> , <b>2020</b> , 12, 3074-3091	3.2	9
227	Facile preparation of carbon nanotube-based molecularly imprinted monolithic stirred unit. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 6341-6349	4.4	7
226	Silver nanoflower-coated paper as dual substrate for surface-enhanced Raman spectroscopy and ambient pressure mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 3547-3557	4.4	21
225	Cotton fibers functionalized with Cyclodextrins as selectivity enhancer for the direct infusion mass spectrometric determination of cocaine and methamphetamine in saliva samples. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1126, 133-143	6.6	7
224	Magnetic Graphene Oxide Composite for the Microextraction and Determination of Benzophenones in Water Samples. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	5

223	Returning to Nature for the Design of Sorptive Phases in Solid-Phase Microextraction. <i>Separations</i> , <b>2020</b> , 7, 2	3.1	23
222	Toxicity evaluation of barium ferrite nanoparticles in bacteria, yeast and nematode. <i>Chemosphere</i> , <b>2020</b> , 254, 126786	8.4	5
221	Effervescence-Assisted Microextraction-One Decade of Developments. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
220	Preparation, characterization and evaluation of hydrophilic polymers containing magnetic nanoparticles and amine-modified carbon nanotubes for the determination of anti-inflammatory drugs in urine samples. <i>Talanta</i> , <b>2020</b> , 218, 121124	6.2	7
219	Microextraction approaches for bioanalytical applications: An overview. <i>Journal of Chromatography A</i> , <b>2020</b> , 1616, 460790	4.5	33
218	Heracleum Persicum based biosorbent for the removal of paraquat and diquat from waters. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104481	6.8	7
217	Molecularly Imprinted Polymer Micro- and Nano-Particles. A review. <i>Molecules</i> , <b>2020</b> , 25,	4.8	25
216	Switchable Pickering emulsions stabilized by polystyrene-modified magnetic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 606, 125462	5.1	11
215	Polymeric ionic liquid immobilized onto paper as sorptive phase in microextraction. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1094, 47-56	6.6	26
214	Particle loaded membranes <b>2020</b> , 341-354		
213	Paramagnetic ionic liquid-coated SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> nanoparticles—the next generation of magnetically recoverable nanocatalysts applied in the glycolysis of PET. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 260, 118110	21.8	46
212	Nano-depletion of acrosome-damaged donkey sperm by using lectin peanut agglutinin (PNA)-magnetic nanoparticles. <i>Theriogenology</i> , <b>2020</b> , 151, 103-111	2.8	3
211	Recycled polystyrene-cotton composites, giving a second life to plastic residues for environmental remediation. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103424	6.8	7
210	Recent Nanomaterials-Based Separation Processes <b>2019</b> , 273-308		1
209	Effect of synthesis, purification and growth determination methods on the antibacterial and antifungal activity of gold nanoparticles. <i>Materials Science and Engineering C</i> , <b>2019</b> , 103, 109805	8.3	19
208	Magnetic Polyamide Nanocomposites for the Microextraction of Benzophenones from Water Samples. <i>Molecules</i> , <b>2019</b> , 24,	4.8	3
207	Synthesis, characterization, and application of chemically interconnected carbon nanotube monolithic sorbents by photopolymerization in polypropylene caps. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 3291-3299	4.4	7
206	Preparation of macroscopic carbon nanohorn-based monoliths in polypropylene tips by medium internal phase emulsion for the determination of parabens in urine samples. <i>Talanta</i> , <b>2019</b> , 198, 295-301	6.2	10

205	Effect of carbon nanohorns in the radical polymerization of methacrylate monolithic capillary columns and their application as extractant phases. <i>Talanta</i> , <b>2019</b> , 191, 149-155	6.2	7
204	Portable stir membrane device for on-site environmental sampling and extraction. <i>Journal of Chromatography A</i> , <b>2019</b> , 1606, 360359	4.5	6
203	Ultrafast spectroscopic investigation on fluorescent carbon nanodots: the role of passivation. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 16459-16467	3.6	13
202	Ultra-trace tellurium preconcentration and speciation analysis in environmental samples with a novel magnetic polymeric ionic liquid nanocomposite and magnetic dispersive micro-solid phase extraction with flow-injection hydride generation atomic fluorescence spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2019</b> , 162, 105705	3.1	19
201	Molecularly imprinted paper-based analytical device obtained by a polymerization-free synthesis. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 287, 138-146	8.5	27
200	Recycling Oxacillin Residues from Environmental Waste into Graphene Quantum Dots. <i>Journal of Carbon Research</i> , <b>2019</b> , 5, 68	3.3	2
199	A high thermally stable oligomer-based supramolecular solvent for universal headspace Gas Chromatography: Proof-of-principle determination of residual solvents in drugs. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1046, 132-139	6.6	9
198	Dispersive micro-solid phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 112, 226-233	14.6	151
197	Lab-on-a-Valve Mesofluidic Platform for On-Chip Handling of Carbon-Coated Titanium Dioxide Nanotubes in a Disposable Microsolid Phase-Extraction Mode. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 4783-4791	7.8	6
196	Nanostructured hybrid monolith with integrated stirring for the extraction of UV-filters from water and urine samples. <i>Talanta</i> , <b>2018</b> , 182, 391-395	6.2	18
195	Ion beam sputtering deposition of silver nanoparticles and TiO <sub>x</sub> /ZnO nanocomposites for use in surface enhanced vibrational spectroscopy (SERS and SEIRAS). <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 153	5.8	17
194	Carbon nanotube-modified monolithic polymethacrylate pipette tips for (micro)solid-phase extraction of antidepressants from urine samples. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 127	5.8	38
193	Carbon nanostructures incorporated on methacrylate monoliths for separation of small molecules by nano-liquid chromatography. <i>Microchemical Journal</i> , <b>2018</b> , 139, 222-229	4.8	10
192	Carbon Nanohorn Suprastructures on a Paper Support as a Sorptive Phase. <i>Molecules</i> , <b>2018</b> , 23,	4.8	29
191	Monolithic Solid Based on Single-Walled Carbon Nanohorns: Preparation, Characterization, and Practical Evaluation as a Sorbent. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	6
190	Tunable Polarity Carbon Fibers, a Holistic Approach to Environmental Protection. <i>Molecules</i> , <b>2018</b> , 23,	4.8	9
189	Gold-nanostar-based SERS substrates for studying protein aggregation processes. <i>Analyst, The</i> , <b>2018</b> , 143, 5103-5111	5	21
188	One-pot synthesis of graphene quantum dots and simultaneous nanostructured self-assembly a novel microwave-assisted method: impact on triazine removal and efficiency monitoring.. <i>RSC Advances</i> , <b>2018</b> , 8, 29939-29946	3.7	28

187	Melamine Sponge Functionalized with Urea-Formaldehyde Co-Oligomers as a Sorbent for the Solid-Phase Extraction of Hydrophobic Analytes. <i>Molecules</i> , <b>2018</b> , 23,	4.8	7
186	Efficient combined sorption/photobleaching of dyes promoted by cellulose/titania-based nanocomposite films. <i>Journal of Cleaner Production</i> , <b>2018</b> , 194, 167-173	10.3	29
185	Potential of nanoparticle-based hybrid monoliths as sorbents in microextraction techniques. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1031, 15-27	6.6	37
184	Silica nanoparticles/nylon 6 composites: synthesis, characterization and potential use as sorbent. <i>RSC Advances</i> , <b>2017</b> , 7, 2308-2314	3.7	29
183	Integrated sampling and analysis unit for the determination of sexual pheromones in environmental air using fabric phase sorptive extraction and headspace-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2017</b> , 1488, 17-25	4.5	21
182	Recycling polymer residues to synthesize magnetic nanocomposites for dispersive micro-solid phase extraction. <i>Talanta</i> , <b>2017</b> , 170, 451-456	6.2	16
181	Paper supported polystyrene membranes for thin film microextraction. <i>Microchemical Journal</i> , <b>2017</b> , 133, 90-95	4.8	41
180	Preparation of porous methacrylate monoliths with oxidized single-walled carbon nanohorns for the extraction of nonsteroidal anti-inflammatory drugs from urine samples. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 1863-1871	5.8	29
179	Recent Advances in Extraction and Stirring Integrated Techniques. <i>Separations</i> , <b>2017</b> , 4, 6	3.1	31
178	Synthesis of magnetic polymeric ionic liquid nanocomposites by the Radziszewski reaction. <i>RSC Advances</i> , <b>2017</b> , 7, 42979-42985	3.7	18
177	Determination of the Three Main Components of the Grapevine Moth Pest Pheromone in Grape-Related Samples by Headspace-Gas Chromatography-Mass Spectrometry. <i>Separations</i> , <b>2017</b> , 4, 31	3.1	3
176	Ionic Liquids in Sample Preparation. <i>Comprehensive Analytical Chemistry</i> , <b>2017</b> , 203-224	1.9	5
175	In-syringe dispersive micro-solid phase extraction using carbon fibres for the determination of chlorophenols in human urine by gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , <b>2016</b> , 1464, 42-9	4.5	35
174	Selective extraction of <i>Bactrocera oleae</i> sexual pheromone from olive oil by dispersive magnetic microsolid phase extraction using a molecularly imprinted nanocomposite. <i>Journal of Chromatography A</i> , <b>2016</b> , 1455, 57-64	4.5	25
173	Selective Nanoparticles in Microextraction <b>2016</b> , 1-13		
172	Dispersive micro-solid phase extraction of bisphenol A from milk using magnetic nylon 6 composite and its final determination by HPLC-UV. <i>Microchemical Journal</i> , <b>2016</b> , 124, 751-756	4.8	62
171	Improved microextraction of selected triazines using polymer monoliths modified with carboxylated multi-walled carbon nanotubes. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 465-474	5.8	33
170	Magnetic nanoparticles coated with ionic liquid for the extraction of endocrine disrupting compounds from waters. <i>Microchemical Journal</i> , <b>2016</b> , 128, 347-353	4.8	55

169	Electrospun nanofibers as sorptive phases in microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 84, 3-11	14.6	35
168	Determination of propranolol and carvedilol in urine samples using a magnetic polyamide composite and LC-MS/MS. <i>Bioanalysis</i> , <b>2016</b> , 8, 2115-23	2.1	11
167	Preparation and evaluation of micro and meso porous silica monoliths with embedded carbon nanoparticles for the extraction of non-polar compounds from waters. <i>Journal of Chromatography A</i> , <b>2016</b> , 1468, 55-63	4.5	21
166	Octadecyl functionalized core-shell magnetic silica nanoparticle as a powerful nanocomposite sorbent to extract urinary volatile organic metabolites. <i>Journal of Chromatography A</i> , <b>2015</b> , 1393, 18-25	4.5	19
165	Green detection of the olive fruit fly pest by the direct determination of its sexual pheromone. <i>Analytical Methods</i> , <b>2015</b> , 7, 7228-7233	3.2	4
164	Polymer-nanoparticles composites in bioanalytical sample preparation. <i>Bioanalysis</i> , <b>2015</b> , 7, 1723-30	2.1	25
163	Determination of urinary 5-hydroxyindoleacetic acid by combining DESPE using carbon coated TiO <sub>2</sub> nanotubes and LC-MS/MS. <i>Bioanalysis</i> , <b>2015</b> , 7, 2857-67	2.1	4
162	Stir fabric phase sorptive extraction for the determination of triazine herbicides in environmental waters by liquid chromatography. <i>Journal of Chromatography A</i> , <b>2015</b> , 1376, 35-45	4.5	65
161	Use of switchable solvents in the microextraction context. <i>Talanta</i> , <b>2015</b> , 131, 645-9	6.2	92
160	Determination of Tuta absoluta pheromones in water and tomato samples by headspace-gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 795-802	4.4	3
159	Use of switchable hydrophilicity solvents for the homogeneous liquid-liquid microextraction of triazine herbicides from environmental water samples. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 990-5	3.4	67
158	Effervescence assisted dispersive liquid-liquid microextraction with extractant removal by magnetic nanoparticles. <i>Analytica Chimica Acta</i> , <b>2014</b> , 807, 61-6	6.6	86
157	Magnetic nanoparticles-nylon 6 composite for the dispersive micro solid phase extraction of selected polycyclic aromatic hydrocarbons from water samples. <i>Journal of Chromatography A</i> , <b>2014</b> , 1345, 43-9	4.5	61
156	UV-polymerized butyl methacrylate monoliths with embedded carboxylic single-walled carbon nanotubes for CEC applications. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 6329-36	4.4	18
155	Titanium-dioxide nanotubes as sorbents in (micro)extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2014</b> , 62, 37-45	14.6	35
154	Single-walled carbon nanohorns immobilized on a microporous hollow polypropylene fiber as a sorbent for the extraction of volatile organic compounds from water samples. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 1117-1124	5.8	16
153	Micro-solid phase extraction based on oxidized single-walled carbon nanohorns immobilized on a stir borosilicate disk: Application to the preconcentration of the endocrine disruptor benzophenone-3. <i>Microchemical Journal</i> , <b>2014</b> , 115, 87-94	4.8	27
152	On-line headspace-multicapillary column-ion mobility spectrometry hyphenation as a tool for the determination of off-flavours in foods. <i>Journal of Chromatography A</i> , <b>2014</b> , 1333, 99-105	4.5	22



151	Stir-membrane solid-liquid-liquid microextraction for the determination of parabens in human breast milk samples by ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2014</b> , 1354, 26-33	4.5	34
150	Carbon coated titanium dioxide nanotubes: synthesis, characterization and potential application as sorbents in dispersive micro solid phase extraction. <i>Journal of Chromatography A</i> , <b>2014</b> , 1343, 26-32	4.5	33
149	Oxidized single-walled carbon nanohorns as sorbent for porous hollow fiber direct immersion solid-phase microextraction for the determination of triazines in waters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 2661-9	4.4	20
148	Stir octadecyl-modified borosilicate disk for the liquid phase microextraction of triazine herbicides from environmental waters. <i>Journal of Chromatography A</i> , <b>2013</b> , 1307, 58-65	4.5	19
147	Effervescence-assisted carbon nanotubes dispersion for the micro-solid-phase extraction of triazine herbicides from environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 3269-74	4.4	58
146	Determination of parabens in waters by magnetically confined hydrophobic nanoparticle microextraction coupled to gas chromatography/mass spectrometry. <i>Microchemical Journal</i> , <b>2013</b> , 110, 643-648	4.8	37
145	Hybridization of commercial polymeric microparticles and magnetic nanoparticles for the dispersive micro-solid phase extraction of nitroaromatic hydrocarbons from water. <i>Journal of Chromatography A</i> , <b>2013</b> , 1271, 50-5	4.5	44
144	Comparison of two evaporative universal detectors for the determination of sugars in food samples by liquid chromatography. <i>Microchemical Journal</i> , <b>2013</b> , 110, 629-635	4.8	22
143	Ionic liquid coated magnetic nanoparticles for the gas chromatography/mass spectrometric determination of polycyclic aromatic hydrocarbons in waters. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 134-40	4.5	74
142	Determination of water-soluble vitamins in infant milk and dietary supplement using a liquid chromatography on-line coupled to a corona-charged aerosol detector. <i>Journal of Chromatography A</i> , <b>2013</b> , 1313, 253-8	4.5	32
141	Magnetically confined hydrophobic nanoparticles for the microextraction of endocrine-disrupting phenols from environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 2729-34	4.4	11
140	Dispersive micro-solid phase extraction with ionic liquid-modified silica for the determination of organophosphate pesticides in water by ultra performance liquid chromatography. <i>Microchemical Journal</i> , <b>2013</b> , 106, 311-317	4.8	79
139	Stir-membrane liquid microextraction for the determination of paracetamol in human saliva samples. <i>Bioanalysis</i> , <b>2013</b> , 5, 307-15	2.1	13
138	Headspace-multicapillary column-ion mobility spectrometry for the direct analysis of 2,4,6-trichloroanisole in wine and cork samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1265, 149-54	4.5	10
137	Evaluation of single-walled carbon nanohorns as sorbent in dispersive micro solid-phase extraction. <i>Analytica Chimica Acta</i> , <b>2012</b> , 714, 76-81	6.6	67
136	Dispersive micro solid-phase extraction of triazines from waters using oxidized single-walled carbon nanohorns as sorbent. <i>Journal of Chromatography A</i> , <b>2012</b> , 1245, 17-23	4.5	82
135	Stir frit microextraction: an approach for the determination of volatile compounds in water by headspace-gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1251, 10-15	4.5	9
134	Determination of non-steroidal anti-inflammatory drugs in urine by the combination of stir membrane liquid-liquid-liquid microextraction and liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 403, 2583-9	4.4	30



133	Ionic liquid based in situ solvent formation microextraction coupled to thermal desorption for chlorophenols determination in waters by gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1229, 48-54	4.5	51
132	Nanoparticle-based microextraction techniques in bioanalysis. <i>Bioanalysis</i> , <b>2011</b> , 3, 2533-48	2.1	28
131	Determination of 2,4,6-trichloroanisole in water and wine samples by ionic liquid-based single-drop microextraction and ion mobility spectrometry. <i>Analytica Chimica Acta</i> , <b>2011</b> , 702, 199-204	6.6	51
130	Sample treatments based on dispersive (micro)extraction. <i>Analytical Methods</i> , <b>2011</b> , 3, 1719	3.2	66
129	Direct determination of 2,4,6-trichloroanisole in wines by single-drop ionic liquid microextraction coupled with multicapillary column separation and ion mobility spectrometry detection. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7574-80	4.5	31
128	Effervescence-assisted dispersive micro-solid phase extraction. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 9128-34	4.5	59
127	Stir membrane liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 869-74	4.5	39
126	Potential of nanoparticles in sample preparation. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 620-37	4.5	182
125	Determination of phenols in waters by stir membrane liquid-liquid-liquid microextraction coupled to liquid chromatography with ultraviolet detection. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 2176-81	4.5	62
124	Direct coupling of dispersive micro-solid phase extraction and thermal desorption for sensitive gas chromatographic analysis. <i>Analytical Methods</i> , <b>2011</b> , 3, 991	3.2	17
123	Sensitive determination of polycyclic aromatic hydrocarbons in water samples using monolithic capillary solid-phase extraction and on-line thermal desorption prior to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 1802-7	4.5	23
122	Ion-mobility spectrometry for environmental analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2011</b> , 30, 677-690	14.6	94
121	Solid Phase (Micro)extraction Tools Based on Carbon Nanotubes and Related Nanostructures <b>2010</b> ,		1
120	Benzene, Toluene, Ethylbenzene, (o-, m- and p-) Xylenes and Styrene in Olive Oil <b>2010</b> , 463-470		
119	In situ synthesis of magnetic multiwalled carbon nanotube composites for the clean-up of (fluoro)quinolones from human plasma prior to ultrahigh pressure liquid chromatography analysis. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 2743-52	7.8	97
118	Highly selective and non-conventional sorbents for the determination of biomarkers in urine by liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 397, 1029-38	4.4	9
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2	Microextraction Techniques Based on the Combination of Agitation and Extraction in the Same Device		1-17
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