

MarÃ-a Soledad CÃ;rdenas Aranzana

List of Publications by Year in descending order

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263
papers

9,508
citations

31976
53
h-index

60623
81
g-index

267
all docs

267
docs citations

267
times ranked

7242
citing authors

#	ARTICLE	IF	CITATIONS
1	Wooden-based materials: Eco-friendly materials for direct mass spectrometric analysis and microextraction. <i>Journal of Separation Science</i> , 2022, 45, 223-232.	2.5	9
2	Portable stirring device for the on-site extraction of environmental waters using magnetic hydrophilic-lipophilic balance tape. <i>Analytica Chimica Acta</i> , 2022, 1189, 339186.	5.4	11
3	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> , 2022, 25, 100320.	4.1	3
4	Surface Enhanced Raman Spectroscopy (SERS) Sensors for Clinical Analysis. , 2022, , .		0
5	Advanced polymeric solids containing nano- and micro-particles prepared via emulsion-based polymerization approaches. A review. <i>Analytica Chimica Acta</i> , 2022, 1208, 339669.	5.4	13
6	Pre-cleaned bare wooden toothpicks for the determination of drugs in oral fluid by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5287-5296.	3.7	10
7	Mechanochemically designed bismuth-based halide perovskites for efficient photocatalytic oxidation of vanillyl alcohol. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11298-11305.	10.3	16
8	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> , 2022, 1675, 463166.	3.7	4
9	Fluorescent Sensors in Food Industry. , 2022, , .		0
10	Polydopamine inner wall-coated hypodermic needle as microextraction device and electrospray emitter for the direct analysis of illicit drugs in oral fluid by ambient mass spectrometry. <i>Talanta</i> , 2022, 249, 123693.	5.5	7
11	Dual-template molecularly imprinted paper for the determination of drugs of abuse in saliva samples by direct infusion mass spectrometry. <i>Microchemical Journal</i> , 2021, 160, 105686.	4.5	27
12	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> , 2021, 162, 105843.	4.5	20
13	Magnetic hydrophobic solids prepared from Pickering emulsions for the extraction of polycyclic aromatic hydrocarbons from chamomile tea. <i>Talanta</i> , 2021, 224, 121915.	5.5	2
14	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> , 2021, 11, 22683-22690.	3.6	8
15	Passivated graphene quantum dots for carbaryl determination in juices. <i>Journal of Separation Science</i> , 2021, 44, 1652-1661.	2.5	4
16	Photocatalytic Cellulose-Paper: Deepening in the Sustainable and Synergic Combination of Sorption and Photodegradation. <i>ACS Omega</i> , 2021, 6, 9577-9586.	3.5	11
17	Portable Raman Spectrometer as a Screening Tool for Characterization of Iberian Dry-Cured Ham. <i>Foods</i> , 2021, 10, 1177.	4.3	5
18	Magnetic paper-based sorptive phase for enhanced mass transference in stir membrane environmental samplers. <i>Talanta</i> , 2021, 228, 122217.	5.5	23

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19	Synergistic combination of polyamide-coated paper-based sorptive phase for the extraction of antibiotics in saliva. <i>Analytica Chimica Acta</i> , 2021, 1164, 338512.	5.4	14
20	Unmodified cellulose filter paper, a sustainable and affordable sorbent for the isolation of biogenic amines from beer samples. <i>Journal of Chromatography A</i> , 2021, 1651, 462297.	3.7	20
21	Fan-based device for integrated air sampling and microextraction. <i>Talanta</i> , 2021, 230, 122290.	5.5	5
22	Carbon fibers as green and sustainable sorbent for the extraction of isoflavones from environmental waters. <i>Talanta</i> , 2021, 233, 122582.	5.5	8
23	A paper-based polystyrene/nylon Janus platform for the microextraction of UV filters in water samples as proof-of-concept. <i>Mikrochimica Acta</i> , 2021, 188, 391.	5.0	10
24	Monolithic solids: synthesis and uses in microextraction techniques. , 2021, , 393-426.		0
25	Miniaturized solid-phase extraction. , 2021, , 13-31.		1
26	Selectivity-enhanced sorbents. , 2021, , 229-252.		1
27	Switchable solvents. , 2021, , 453-470.		1
28	Membrane sorptive phases. , 2021, , 199-228.		2
29	Polymeric nanocomposites. , 2021, , 377-392.		0
30	Unconfined liquid-phase microextraction. , 2021, , 79-96.		0
31	Direct coupling of microextraction with instrumental techniques. , 2021, , 159-198.		1
32	Analytical sample treatment: basics and trends. , 2021, , 1-11.		0
33	Solid-phase microextraction. , 2021, , 33-77.		0
34	Polymeric ionic liquid immobilized onto paper as sorptive phase in microextraction. <i>Analytica Chimica Acta</i> , 2020, 1094, 47-56.	5.4	42
35	Particle loaded membranes. , 2020, , 341-354.		1
36	Paramagnetic ionic liquid-coated SiO ₂ @Fe ₃ O ₄ nanoparticlesâ€”The next generation of magnetically recoverable nanocatalysts applied in the glycolysis of PET. <i>Applied Catalysis B: Environmental</i> , 2020, 260, 118110.	20.2	94

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37	Microextraction approaches for bioanalytical applications: An overview. Journal of Chromatography A, 2020, 1616, 460790.	3.7	58
38	Heracleum Persicum based biosorbent for the removal of paraquat and diquat from waters. Journal of Environmental Chemical Engineering, 2020, 8, 104481.	6.7	15
39	Molecularly Imprinted Polymer Micro- and Nano-Particles: A Review. Molecules, 2020, 25, 4740.	3.8	57
40	Switchable Pickering emulsions stabilized by polystyrene-modified magnetic nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 606, 125462.	4.7	15
41	Paper-based sorptive phases for microextraction and sensing. Analytical Methods, 2020, 12, 3074-3091.	2.7	21
42	Facile preparation of carbon nanotube-based molecularly imprinted monolithic stirred unit. Analytical and Bioanalytical Chemistry, 2020, 412, 6341-6349.	3.7	10
43	Silver nanoflower-coated paper as dual substrate for surface-enhanced Raman spectroscopy and ambient pressure mass spectrometry analysis. Analytical and Bioanalytical Chemistry, 2020, 412, 3547-3557.	3.7	35
44	Cotton fibers functionalized with β -cyclodextrins as selectivity enhancer for the direct infusion mass spectrometric determination of cocaine and methamphetamine in saliva samples. Analytica Chimica Acta, 2020, 1126, 133-143.	5.4	14
45	Magnetic Graphene Oxide Composite for the Microextraction and Determination of Benzophenones in Water Samples. Nanomaterials, 2020, 10, 168.	4.1	15
46	Returning to Nature for the Design of Sorptive Phases in Solid-Phase Microextraction. Separations, 2020, 7, 2.	2.4	39
47	Toxicity evaluation of barium ferrite nanoparticles in bacteria, yeast and nematode. Chemosphere, 2020, 254, 126786.	8.2	15
48	Nano-depletion of acrosome-damaged donkey sperm by using lectin peanut agglutinin (PNA)-magnetic nanoparticles. Theriogenology, 2020, 151, 103-111.	2.1	5
49	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. Talanta, 2020, 218, 121124.	5.5	12
50	Effervescence-Assisted Microextraction—One Decade of Developments. Molecules, 2020, 25, 6053.	3.8	23
51	Effect of carbon nanohorns in the radical polymerization of methacrylate monolithic capillary columns and their application as extractant phases. Talanta, 2019, 191, 149-155.	5.5	9
52	Portable stir membrane device for on-site environmental sampling and extraction. Journal of Chromatography A, 2019, 1606, 360359.	3.7	15
53	Ultrafast spectroscopic investigation on fluorescent carbon nanodots: the role of passivation. Physical Chemistry Chemical Physics, 2019, 21, 16459-16467.	2.8	19
54	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. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 162, 105705.	2.9	27

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55	Recycled polystyrene-cotton composites, giving a second life to plastic residues for environmental remediation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103424.	6.7	15
56	Effect of synthesis, purification and growth determination methods on the antibacterial and antifungal activity of gold nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 103, 109805.	7.3	28
57	Magnetic Polyamide Nanocomposites for the Microextraction of Benzophenones from Water Samples. <i>Molecules</i> , 2019, 24, 953.	3.8	6
58	Synthesis, characterization, and application of chemically interconnected carbon nanotube monolithic sorbents by photopolymerization in polypropylene caps. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3291-3299.	3.7	9
59	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> , 2019, 198, 295-301.	5.5	12
60	Molecularly imprinted paper-based analytical device obtained by a polymerization-free synthesis. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 138-146.	7.8	38
61	Recycling Oxacillin Residues from Environmental Waste into Graphene Quantum Dots. <i>Journal of Carbon Research</i> , 2019, 5, 68.	2.7	3
62	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> , 2019, 1046, 132-139.	5.4	17
63	Dispersive micro-solid phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 226-233.	11.4	242
64	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> , 2018, 90, 4783-4791.	6.5	6
65	Nanostructured hybrid monolith with integrated stirring for the extraction of UV-filters from water and urine samples. <i>Talanta</i> , 2018, 182, 391-395.	5.5	19
66	Ion beam sputtering deposition of silver nanoparticles and TiO ₂ /ZnO nanocomposites for use in surface enhanced vibrational spectroscopy (SERS and SEIRAS). <i>Mikrochimica Acta</i> , 2018, 185, 153.	5.0	22
67	Carbon nanotube-modified monolithic polymethacrylate pipette tips for (micro)solid-phase extraction of antidepressants from urine samples. <i>Mikrochimica Acta</i> , 2018, 185, 127.	5.0	47
68	Carbon nanostructures incorporated on methacrylate monoliths for separation of small molecules by nano-liquid chromatography. <i>Microchemical Journal</i> , 2018, 139, 222-229.	4.5	13
69	Melamine Sponge Functionalized with Urea-Formaldehyde Co-Oligomers as a Sorbent for the Solid-Phase Extraction of Hydrophobic Analytes. <i>Molecules</i> , 2018, 23, 2595.	3.8	13
70	Efficient combined sorption/photobleaching of dyes promoted by cellulose/titania-based nanocomposite films. <i>Journal of Cleaner Production</i> , 2018, 194, 167-173.	9.3	32
71	Potential of nanoparticle-based hybrid monoliths as sorbents in microextraction techniques. <i>Analytica Chimica Acta</i> , 2018, 1031, 15-27.	5.4	43
72	Carbon Nanohorn Suprastructures on a Paper Support as a Sorptive Phase. <i>Molecules</i> , 2018, 23, 1252.	3.8	35

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73	Monolithic Solid Based on Single-Walled Carbon Nanohorns: Preparation, Characterization, and Practical Evaluation as a Sorbent. <i>Nanomaterials</i> , 2018, 8, 370.	4.1	8
74	Tunable Polarity Carbon Fibers, a Holistic Approach to Environmental Protection. <i>Molecules</i> , 2018, 23, 1026.	3.8	9
75	Gold-nanostar-based SERS substrates for studying protein aggregation processes. <i>Analyst</i> , The, 2018, 143, 5103-5111.	3.5	32
76	One-pot synthesis of graphene quantum dots and simultaneous nanostructured self-assembly via a novel microwave-assisted method: impact on triazine removal and efficiency monitoring. <i>RSC Advances</i> , 2018, 8, 29939-29946.	3.6	35
77	Silica nanoparticles-nylon 6 composites: synthesis, characterization and potential use as sorbent. <i>RSC Advances</i> , 2017, 7, 2308-2314.	3.6	32
78	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> , 2017, 1488, 17-25.	3.7	27
79	Recycling polymer residues to synthesize magnetic nanocomposites for dispersive micro-solid phase extraction. <i>Talanta</i> , 2017, 170, 451-456.	5.5	19
80	Paper supported polystyrene membranes for thin film microextraction. <i>Microchemical Journal</i> , 2017, 133, 90-95.	4.5	60
81	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> , 2017, 184, 1863-1871.	5.0	32
82	Synthesis of magnetic polymeric ionic liquid nanocomposites by the Radziszewski reaction. <i>RSC Advances</i> , 2017, 7, 42979-42985.	3.6	23
83	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> , 2017, 4, 31.	2.4	3
84	Ionic Liquids in Sample Preparation. <i>Comprehensive Analytical Chemistry</i> , 2017, , 203-224.	1.3	6
85	Recent Advances in Extraction and Stirring Integrated Techniques. <i>Separations</i> , 2017, 4, 6.	2.4	42
86	Magnetic nanoparticles coated with ionic liquid for the extraction of endocrine disrupting compounds from waters. <i>Microchemical Journal</i> , 2016, 128, 347-353.	4.5	60
87	Electrospun nanofibers as sorptive phases in microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 3-11.	11.4	39
88	Determination of propranolol and carvedilol in urine samples using a magnetic polyamide composite and LC-MS/MS. <i>Bioanalysis</i> , 2016, 8, 2115-2123.	1.5	11
89	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> , 2016, 1468, 55-63.	3.7	21
90	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> , 2016, 1464, 42-49.	3.7	37

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91	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> , 2016, 1455, 57-64.	3.7	26
92	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> , 2016, 124, 751-756.	4.5	75
93	Improved microextraction of selected triazines using polymer monoliths modified with carboxylated multi-walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2016, 183, 465-474.	5.0	33
94	Use of switchable hydrophilicity solvents for the homogeneous liquid-liquid microextraction of triazine herbicides from environmental water samples. <i>Journal of Separation Science</i> , 2015, 38, 990-995.	2.5	79
95	Octadecyl functionalized core-shell magnetic silica nanoparticle as a powerful nanocomposite sorbent to extract urinary volatile organic metabolites. <i>Journal of Chromatography A</i> , 2015, 1393, 18-25.	3.7	23
96	Green detection of the olive fruit fly pest by the direct determination of its sexual pheromone. <i>Analytical Methods</i> , 2015, 7, 7228-7233.	2.7	4
97	Polymer-nanoparticles composites in bioanalytical sample preparation. <i>Bioanalysis</i> , 2015, 7, 1723-1730.	1.5	28
98	Determination of urinary 5-hydroxyindoleacetic acid by combining D ₁₁ /4-SPE using carbon coated TiO ₂ nanotubes and LC-MS/MS. <i>Bioanalysis</i> , 2015, 7, 2857-2867.	1.5	4
99	Stir fabric phase sorptive extraction for the determination of triazine herbicides in environmental waters by liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1376, 35-45.	3.7	81
100	Use of switchable solvents in the microextraction context. <i>Talanta</i> , 2015, 131, 645-649.	5.5	114
101	Determination of <i>Tuta absoluta</i> pheromones in water and tomato samples by headspace-gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 795-802.	3.7	3
102	Carbon coated titanium dioxide nanotubes: Synthesis, characterization and potential application as sorbents in dispersive micro solid phase extraction. <i>Journal of Chromatography A</i> , 2014, 1343, 26-32.	3.7	35
103	Effervescence assisted dispersive liquid-liquid microextraction with extractant removal by magnetic nanoparticles. <i>Analytica Chimica Acta</i> , 2014, 807, 61-66.	5.4	95
104	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> , 2014, 1345, 43-49.	3.7	66
105	Microextraction techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1999-2000.	3.7	14
106	Miniaturized sample preparation based on carbon nanostructures. <i>Sample Preparation</i> , 2014, 2, .	0.4	0
107	UV-polymerized butyl methacrylate monoliths with embedded carboxylic single-walled carbon nanotubes for CEC applications. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6329-6336.	3.7	19
108	Titanium-dioxide nanotubes as sorbents in (micro)extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 62, 37-45.	11.4	39

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109	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> , 2014, 181, 1117-1124.	5.0	16
110	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> , 2014, 115, 87-94.	4.5	33
111	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> , 2014, 1333, 99-105.	3.7	30
112	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> , 2014, 1354, 26-33.	3.7	39
113	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> , 2013, 405, 2661-2669.	3.7	20
114	Stir octadecyl-modified borosilicate disk for the liquid phase microextraction of triazine herbicides from environmental waters. <i>Journal of Chromatography A</i> , 2013, 1307, 58-65.	3.7	23
115	Effervescence-assisted carbon nanotubes dispersion for the micro-solid-phase extraction of triazine herbicides from environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3269-3277.	3.7	66
116	Determination of parabens in waters by magnetically confined hydrophobic nanoparticle microextraction coupled to gas chromatography/mass spectrometry. <i>Microchemical Journal</i> , 2013, 110, 643-648.	4.5	43
117	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> , 2013, 1271, 50-55.	3.7	48
118	Comparison of two evaporative universal detectors for the determination of sugars in food samples by liquid chromatography. <i>Microchemical Journal</i> , 2013, 110, 629-635.	4.5	26
119	Ionic liquid coated magnetic nanoparticles for the gas chromatography/mass spectrometric determination of polycyclic aromatic hydrocarbons in waters. <i>Journal of Chromatography A</i> , 2013, 1300, 134-140.	3.7	80
120	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> , 2013, 1313, 253-258.	3.7	36
121	Magnetically confined hydrophobic nanoparticles for the microextraction of endocrine-disrupting phenols from environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2729-2734.	3.7	13
122	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> , 2013, 106, 311-317.	4.5	91
123	Stir-membrane liquid microextraction for the determination of paracetamol in human saliva samples. <i>Bioanalysis</i> , 2013, 5, 307-315.	1.5	16
124	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> , 2012, 1265, 149-154.	3.7	12
125	Evaluation of single-walled carbon nanohorns as sorbent in dispersive micro solid-phase extraction. <i>Analytica Chimica Acta</i> , 2012, 714, 76-81.	5.4	77
126	Dispersive micro solid-phase extraction of triazines from waters using oxidized single-walled carbon nanohorns as sorbent. <i>Journal of Chromatography A</i> , 2012, 1245, 17-23.	3.7	93

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127	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> , 2012, 1251, 10-15.	3.7	10
128	Determination of non-steroidal anti-inflammatory drugs in urine by the combination of stir membrane liquidâ€“liquidâ€“liquid microextraction and liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2583-2589.	3.7	35
129	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> , 2012, 1229, 48-54.	3.7	53
130	Direct coupling of dispersive micro-solid phase extraction and thermal desorption for sensitive gas chromatographic analysis. <i>Analytical Methods</i> , 2011, 3, 991.	2.7	21
131	Nanoparticle-based microextraction techniques in bioanalysis. <i>Bioanalysis</i> , 2011, 3, 2533-2548.	1.5	32
132	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> , 2011, 702, 199-204.	5.4	55
133	Sample treatments based on dispersive (micro)extraction. <i>Analytical Methods</i> , 2011, 3, 1719.	2.7	75
134	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> , 2011, 1218, 7574-7580.	3.7	35
135	Effervescence-assisted dispersive micro-solid phase extraction. <i>Journal of Chromatography A</i> , 2011, 1218, 9128-9134.	3.7	68
136	Stir membrane liquidâ€“liquid microextraction. <i>Journal of Chromatography A</i> , 2011, 1218, 869-874.	3.7	45
137	Potential of nanoparticles in sample preparation. <i>Journal of Chromatography A</i> , 2011, 1218, 620-637.	3.7	199
138	Determination of phenols in waters by stir membrane liquidâ€“liquidâ€“liquid microextraction coupled to liquid chromatography with ultraviolet detection. <i>Journal of Chromatography A</i> , 2011, 1218, 2176-2181.	3.7	76
139	Sensitive determination of polycyclic aromatic hydrocarbons in water samples using monolithic capillary solid-phase extraction and on-line thermal desorption prior to gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 1802-1807.	3.7	24
140	Ion-mobility spectrometry for environmental analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 677-690.	11.4	114
141	Highly selective and non-conventional sorbents for the determination of biomarkers in urine by liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1029-1038.	3.7	11
142	Sensitive in-surface infrared monitoring coupled to stir membrane extraction for the selective determination of total hydrocarbon index in waters. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1427-1433.	3.7	20
143	Evaluation of the performance of singleâ€“walled carbon nanohorns in capillary electrophoresis. <i>Electrophoresis</i> , 2010, 31, 1681-1688.	2.4	92
144	Carbon nanocones/disks as new coating for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2010, 1217, 3341-3347.	3.7	28

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145	Sample treatments improved by electric fields. TrAC - Trends in Analytical Chemistry, 2010, 29, 158-165.	11.4	38
146	The roles of ionic liquids in sorptive microextraction techniques. TrAC - Trends in Analytical Chemistry, 2010, 29, 602-616.	11.4	159
147	Determination of parabens in cosmetic products using multi-walled carbon nanotubes as solid phase extraction sorbent and corona-charged aerosol detection system. Journal of Chromatography A, 2010, 1217, 1-6.	3.7	119
148	Benzene, Toluene, Ethylbenzene, (o-, m- and p-) Xylenes and Styrene in Olive Oil. , 2010, , 463-470.		0
149	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. Analytical Chemistry, 2010, 82, 2743-2752.	6.5	98
150	Comparison of aromatic and alkyl micelles for the electrokinetic determination of phthalates in virgin olive oil. Electrophoresis, 2009, 30, 618-623.	2.4	9
151	Recent developments in capillary EKC based on carbon nanoparticles. Electrophoresis, 2009, 30, 169-175.	2.4	61
152	Direct automatic determination of free and total anesthetic drugs in human plasma by use of a dual (microdialysis-microextraction by packed sorbent) sample treatment coupled on-line to NACE-MS. Electrophoresis, 2009, 30, 1684-1691.	2.4	30
153	Surfactant-coated carbon nanotubes for the liquid-liquid extraction of phthalates and other migrants in virgin olive oils. Analytical and Bioanalytical Chemistry, 2009, 395, 737-746.	3.7	26
154	Sorptive microextraction for liquid-chromatographic determination of drugs in urine. TrAC - Trends in Analytical Chemistry, 2009, 28, 1164-1173.	11.4	43
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