

MarÃ-a Soledad CÃ;rdenas Aranzana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4385624/publications.pdf>

Version: 2024-02-01

263
papers

9,508
citations

31902

53
h-index

60497

81
g-index

267
all docs

267
docs citations

267
times ranked

7242
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanostructures as sorbent materials in analytical processes. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 34-43.	5.8	287
2	Quantum dots luminescence enhancement due to illumination with UV/Vis light. <i>Chemical Communications</i> , 2009, , 5214.	2.2	282
3	Role of Carbon Nanotubes in Analytical Science. <i>Analytical Chemistry</i> , 2007, 79, 4788-4797.	3.2	268
4	Dispersive micro-solid phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 226-233.	5.8	242
5	Potential of nanoparticles in sample preparation. <i>Journal of Chromatography A</i> , 2011, 1218, 620-637.	1.8	199
6	Present and future applications of carbon nanotubes to analytical science. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1783-1790.	1.9	169
7	The roles of ionic liquids in sorptive microextraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 602-616.	5.8	159
8	One-step in-syringe ionic liquid-based dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2009, 1216, 6459-6465.	1.8	147
9	Direct Coupling of Ionic Liquid Based Single-Drop Microextraction and GC/MS. <i>Analytical Chemistry</i> , 2008, 80, 793-800.	3.2	144
10	Ionic liquid-based single-drop microextraction/gas chromatographic/mass spectrometric determination of benzene, toluene, ethylbenzene and xylene isomers in waters. <i>Journal of Chromatography A</i> , 2008, 1201, 106-111.	1.8	125
11	Determination of parabens in cosmetic products using multi-walled carbon nanotubes as solid phase extraction sorbent and corona-charged aerosol detection system. <i>Journal of Chromatography A</i> , 2010, 1217, 1-6.	1.8	119
12	Ion-mobility spectrometry for environmental analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 677-690.	5.8	114
13	Use of switchable solvents in the microextraction context. <i>Talanta</i> , 2015, 131, 645-649.	2.9	114
14	Selective Quantification of Carnitine Enantiomers Using Chiral Cysteine-Capped CdSe(ZnS) Quantum Dots. <i>Analytical Chemistry</i> , 2009, 81, 4730-4733.	3.2	107
15	Vanguard-rearguard analytical strategies. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 67-74.	5.8	98
16	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> , 2010, 82, 2743-2752.	3.2	98
17	Solid-phase extraction-capillary electrophoresis-mass spectrometry for the determination of tetracyclines residues in surface water by using carbon nanotubes as sorbent material. <i>Journal of Chromatography A</i> , 2007, 1175, 127-132.	1.8	96
18	Effervescence assisted dispersive liquid-liquid microextraction with extractant removal by magnetic nanoparticles. <i>Analytica Chimica Acta</i> , 2014, 807, 61-66.	2.6	95

#	ARTICLE	IF	CITATIONS
19	Sample screening systems in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 685-694.	5.8	94
20	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.	10.8	94
21	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.	1.8	93
22	Evaluation of the performance of single-walled carbon nanohorns in capillary electrophoresis. <i>Electrophoresis</i> , 2010, 31, 1681-1688.	1.3	92
23	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.	2.3	91
24	Direct olive oil authentication: Detection of adulteration of olive oil with hazelnut oil by direct coupling of headspace and mass spectrometry, and multivariate regression techniques. <i>Journal of Chromatography A</i> , 2005, 1074, 215-221.	1.8	87
25	Determination of non-steroidal anti-inflammatory drugs in urine by combining an immobilized carboxylated carbon nanotubes minicolumn for solid-phase extraction with capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1159, 203-207.	1.8	82
26	One step carbon nanotubes-based solid-phase extraction for the gas chromatographicâ€”mass spectrometric multiclass pesticide control in virgin olive oils. <i>Journal of Chromatography A</i> , 2009, 1216, 7346-7350.	1.8	82
27	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.	1.8	81
28	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.	1.8	80
29	Use of switchable hydrophilicity solvents for the homogeneous liquidâ€”liquid microextraction of triazine herbicides from environmental water samples. <i>Journal of Separation Science</i> , 2015, 38, 990-995.	1.3	79
30	Evaluation of single-walled carbon nanohorns as sorbent in dispersive micro solid-phase extraction. <i>Analytica Chimica Acta</i> , 2012, 714, 76-81.	2.6	77
31	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.	1.8	76
32	Surfactant-coated single-walled carbon nanotubes as a novel pseudostationary phase in capillary EKC. <i>Electrophoresis</i> , 2007, 28, 1714-1722.	1.3	75
33	Sample treatments based on dispersive (micro)extraction. <i>Analytical Methods</i> , 2011, 3, 1719.	1.3	75
34	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.	2.3	75
35	Determination of trihalomethanes in waters by ionic liquid-based single drop microextraction/gas chromatographic/mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1209, 76-82.	1.8	71
36	Ionic liquid-based dynamic liquid-phase microextraction: Application to the determination of anti-inflammatory drugs in urine samples. <i>Journal of Chromatography A</i> , 2008, 1202, 1-7.	1.8	71

#	ARTICLE	IF	CITATIONS
37	Combined use of carbon nanotubes and ionic liquid to improve the determination of antidepressants in urine samples by liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1139-1145.	1.9	69
38	Effervescence-assisted dispersive micro-solid phase extraction. <i>Journal of Chromatography A</i> , 2011, 1218, 9128-9134.	1.8	68
39	Ionic liquid-based single drop microextraction and room-temperature gas chromatography for on-site ion mobility spectrometric analysis. <i>Journal of Chromatography A</i> , 2009, 1216, 5580-5587.	1.8	67
40	Quality assurance of qualitative analysis in the framework of the European project 'MEQUALAN'. <i>Accreditation and Quality Assurance</i> , 2003, 8, 68-77.	0.4	66
41	Stir Membrane Extraction: A Useful Approach for Liquid Sample Pretreatment. <i>Analytical Chemistry</i> , 2009, 81, 8957-8961.	3.2	66
42	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.	1.9	66
43	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.	1.8	66
44	Evaluation of carbon nanostructures as chiral selectors for direct enantiomeric separation of ephedrine by EKC. <i>Electrophoresis</i> , 2007, 28, 2573-2579.	1.3	63
45	Determination of phenothiazine derivatives in human urine by using ionic liquid-based dynamic liquid-phase microextraction coupled with liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 37-42.	1.2	62
46	Recent developments in capillary EKC based on carbon nanoparticles. <i>Electrophoresis</i> , 2009, 30, 169-175.	1.3	61
47	Magnetic nanoparticles coated with ionic liquid for the extraction of endocrine disrupting compounds from waters. <i>Microchemical Journal</i> , 2016, 128, 347-353.	2.3	60
48	Paper supported polystyrene membranes for thin film microextraction. <i>Microchemical Journal</i> , 2017, 133, 90-95.	2.3	60
49	Evaluation of carbon nanocones/disks as sorbent material for solid-phase extraction. <i>Journal of Chromatography A</i> , 2009, 1216, 5626-5633.	1.8	59
50	Microextraction approaches for bioanalytical applications: An overview. <i>Journal of Chromatography A</i> , 2020, 1616, 460790.	1.8	58
51	Continuous flow spectrophotometric determination of paracetamol in pharmaceuticals following continuous microwave assisted alkaline hydrolysis. <i>Talanta</i> , 2000, 53, 417-423.	2.9	57
52	Molecularly Imprinted Polymer Micro- and Nano-Particles: A Review. <i>Molecules</i> , 2020, 25, 4740.	1.7	57
53	Separation of carbon nanotubes in aqueous medium by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2006, 1128, 282-289.	1.8	56
54	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.	2.6	55

#	ARTICLE	IF	CITATIONS
55	Evaporative light scattering detection: trends in its analytical uses. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1663-1672.	1.9	54
56	Liquid-phase microextraction in bioanalytical sample preparation. <i>Bioanalysis</i> , 2009, 1, 135-149.	0.6	53
57	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.	1.8	53
58	Analytical nanoscience and nanotechnology today and tomorrow. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1881-1887.	1.9	50
59	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.	1.8	48
60	Carbon nanotube-modified monolithic polymethacrylate pipette tips for (micro)solid-phase extraction of antidepressants from urine samples. <i>Mikrochimica Acta</i> , 2018, 185, 127.	2.5	47
61	Speciation of Inorganic Lead and Ionic Alkyllead Compounds by GC/MS in Prescreened Rainwaters. <i>Analytical Chemistry</i> , 2000, 72, 1510-1517.	3.2	46
62	Analysis of phenylurea herbicides from plants by GC/MS. <i>Talanta</i> , 2002, 56, 727-734.	2.9	46
63	Liquid-liquid extraction/headspace/gas chromatographic/mass spectrometric determination of benzene, toluene, ethylbenzene, (o-, m- and p-)xylene and styrene in olive oil using surfactant-coated carbon nanotubes as extractant. <i>Journal of Chromatography A</i> , 2007, 1171, 1-7.	1.8	46
64	Analytical features in qualitative analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 477-487.	5.8	45
65	Surfactant-coated carbon nanotubes as pseudophases in liquid-liquid extraction. <i>Analyst</i> , 2007, 132, 551-559.	1.7	45
66	Stir membrane liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2011, 1218, 869-874.	1.8	45
67	Carboxylic multi-walled carbon nanotubes as immobilized stationary phase in capillary electrochromatography. <i>Electrophoresis</i> , 2008, 29, 3850-3857.	1.3	44
68	Semiautomatic multiresidue gas chromatographic method for the screening of vegetables for 25 organochlorine and pyrethroid pesticides. <i>Analytica Chimica Acta</i> , 2001, 436, 153-162.	2.6	43
69	Classification of extra virgin olive oils according to the protected designation of origin, olive variety and geographical origin. <i>Talanta</i> , 2008, 75, 937-943.	2.9	43
70	Sorptive microextraction for liquid-chromatographic determination of drugs in urine. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 1164-1173.	5.8	43
71	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.	2.3	43
72	Potential of nanoparticle-based hybrid monoliths as sorbents in microextraction techniques. <i>Analytica Chimica Acta</i> , 2018, 1031, 15-27.	2.6	43

#	ARTICLE	IF	CITATIONS
73	Qualitative Analysis Revisited. <i>Critical Reviews in Analytical Chemistry</i> , 2000, 30, 345-361.	1.8	42
74	Recent Advances in Extraction and Stirring Integrated Techniques. <i>Separations</i> , 2017, 4, 6.	1.1	42
75	Polymeric ionic liquid immobilized onto paper as sorptive phase in microextraction. <i>Analytica Chimica Acta</i> , 2020, 1094, 47-56.	2.6	42
76	Fully Automatic Sample Treatment by Integration of Microextraction by Packed Sorbents into Commercial Capillary Electrophoresis-Mass Spectrometry Equipment: Application to the Determination of Fluoroquinolones in Urine. <i>Analytical Chemistry</i> , 2009, 81, 3188-3193.	3.2	39
77	Titanium-dioxide nanotubes as sorbents in (micro)extraction techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 62, 37-45.	5.8	39
78	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.	1.8	39
79	Electrospun nanofibers as sorptive phases in microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 3-11.	5.8	39
80	Returning to Nature for the Design of Sorptive Phases in Solid-Phase Microextraction. <i>Separations</i> , 2020, 7, 2.	1.1	39
81	Sample treatments improved by electric fields. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 158-165.	5.8	38
82	Molecularly imprinted paper-based analytical device obtained by a polymerization-free synthesis. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 138-146.	4.0	38
83	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.	1.8	37
84	Dispersive Solid Phase Extraction for In-Sorbent Surface Attenuated Total Reflection Infrared Detection. <i>Analytical Chemistry</i> , 2009, 81, 1184-1190.	3.2	36
85	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.	1.8	36
86	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.	1.8	35
87	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> , 2012, 403, 2583-2589.	1.9	35
88	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.	1.8	35
89	Carbon Nanohorn Suprastructures on a Paper Support as a Sorptive Phase. <i>Molecules</i> , 2018, 23, 1252.	1.7	35
90	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.	1.7	35

#	ARTICLE	IF	CITATIONS
91	Silver nanoflower-coated paper as dual substrate for surface-enhanced Raman spectroscopy and ambient pressure mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3547-3557.	1.9	35
92	Monitoring of Carboxylic Carbon Nanotubes in Surface Water by Using Multiwalled Carbon Nanotube-Modified Filter As Preconcentration Unit. <i>Environmental Science & Technology</i> , 2008, 42, 6100-6104.	4.6	34
93	Comparative study of carbon nanotubes and C60 fullerenes as pseudostationary phases in electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2008, 1194, 128-133.	1.8	33
94	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.	2.3	33
95	Improved microextraction of selected triazines using polymer monoliths modified with carboxylated multi-walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2016, 183, 465-474.	2.5	33
96	Simplified method for the determination of chlorinated fungicides and insecticides in fruits by gas chromatography. <i>Journal of Chromatography A</i> , 2000, 882, 193-203.	1.8	32
97	Selective enrichment of 17 pyrethroids from lyophilised agricultural samples. <i>Journal of Chromatography A</i> , 2001, 912, 83-90.	1.8	32
98	Nanoparticle-based microextraction techniques in bioanalysis. <i>Bioanalysis</i> , 2011, 3, 2533-2548.	0.6	32
99	Silica nanoparticles/nylon 6 composites: synthesis, characterization and potential use as sorbent. <i>RSC Advances</i> , 2017, 7, 2308-2314.	1.7	32
100	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.	2.5	32
101	Efficient combined sorption/photobleaching of dyes promoted by cellulose/titania-based nanocomposite films. <i>Journal of Cleaner Production</i> , 2018, 194, 167-173.	4.6	32
102	Gold-nanostar-based SERS substrates for studying protein aggregation processes. <i>Analyst</i> , The, 2018, 143, 5103-5111.	1.7	32
103	Evaporative light scattering detector: a new tool for screening purposes. <i>Analytica Chimica Acta</i> , 1999, 402, 1-5.	2.6	30
104	Direct screening of olive oil samples for residual benzene hydrocarbon compounds by headspace-mass spectrometry. <i>Analytica Chimica Acta</i> , 2004, 526, 77-82.	2.6	30
105	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 online to NACE-MS. <i>Electrophoresis</i> , 2009, 30, 1684-1691.	1.3	30
106	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.	1.8	30
107	A continuous spectrophotometric system for the discrimination/determination of monosaccharides and oligosaccharides in foods. <i>Analytica Chimica Acta</i> , 2000, 404, 121-129.	2.6	28
108	Combining headspace gas chromatography with mass spectrometry detection for confirmation of hydrocarbon residues in virgin olive oil following automatic screening. <i>Journal of Chromatography A</i> , 2004, 1052, 137-143.	1.8	28

#	ARTICLE	IF	CITATIONS
109	Surfactant coated fullerenes C60 as pseudostationary phase in electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2007, 1167, 210-216.	1.8	28
110	Carbon nanocones/disks as new coating for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2010, 1217, 3341-3347.	1.8	28
111	Polymer-nanoparticles composites in bioanalytical sample preparation. <i>Bioanalysis</i> , 2015, 7, 1723-1730.	0.6	28
112	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.	3.8	28
113	Usefulness of the direct coupling headspace-mass spectrometry for sensory quality characterization of virgin olive oil samples. <i>Analytica Chimica Acta</i> , 2007, 583, 411-417.	2.6	27
114	Simple and rapid instrumental characterization of sensory attributes of virgin olive oil based on the direct coupling headspace-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1188, 308-313.	1.8	27
115	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.	1.8	27
116	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> , 2019, 162, 105705.	1.5	27
117	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.	2.3	27
118	Evaluation of an automated solid-phase extraction system for the enrichment of organochlorine pesticides from waters. <i>Talanta</i> , 2001, 54, 943-951.	2.9	26
119	Surfactant-coated carbon nanotubes for the liquid-liquid extraction of phthalates and other migrants in virgin olive oils. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 737-746.	1.9	26
120	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.	2.3	26
121	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.	1.8	26
122	Continuous photometric method for the screening of human urines for phenothiazines. <i>Analytica Chimica Acta</i> , 2002, 462, 275-281.	2.6	25
123	Multiresidue Screening of Pesticides in Fruits Using an Automatic Solid-Phase Extraction System. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 1109-1116.	2.4	24
124	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> , 2011, 1218, 1802-1807.	1.8	24
125	An automated screening system for benzodiazepines in human urine. <i>Analytica Chimica Acta</i> , 1998, 366, 93-102.	2.6	23
126	Fast urinary screening for paracetamol using on-line microwave assisted hydrolysis and spectrophotometric detection. <i>Analyst</i> , The, 2000, 125, 1179-1183.	1.7	23

#	ARTICLE	IF	CITATIONS
127	A solid phase extraction method for the screening and determination of pyrethroid metabolites and organochlorine pesticides in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2007-2013.	0.7	23
128	Characterization of olive oil classes using a Chemsensor and pattern recognition techniques. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2002, 79, 1103-1108.	0.8	23
129	Direct automatic screening of soils for polycyclic aromatic hydrocarbons based on microwave-assisted extraction/fluorescence detection and on-line liquid chromatographic confirmation. <i>Journal of Chromatography A</i> , 2004, 1050, 111-118.	1.8	23
130	Electrical field-assisted solid-phase extraction coupled on-line to capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2008, 29, 2033-2040.	1.3	23
131	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.	1.8	23
132	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.	1.8	23
133	Synthesis of magnetic polymeric ionic liquid nanocomposites by the Radziszewski reaction. <i>RSC Advances</i> , 2017, 7, 42979-42985.	1.7	23
134	Magnetic paper-based sorptive phase for enhanced mass transference in stir membrane environmental samplers. <i>Talanta</i> , 2021, 228, 122217.	2.9	23
135	Effervescence-Assisted Microextraction—One Decade of Developments. <i>Molecules</i> , 2020, 25, 6053.	1.7	23
136	Vanguard/rearguard strategy for the evaluation of the degradation of yoghurt samples based on the direct analysis of the volatiles profile through headspace-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1141, 98-105.	1.8	22
137	Quantification of the intensity of virgin olive oil sensory attributes by direct coupling headspace-mass spectrometry and multivariate calibration techniques. <i>Journal of Chromatography A</i> , 2007, 1147, 144-152.	1.8	22
138	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.	2.5	22
139	Determination of Free Fatty Acids in Dairy Products by Direct Coupling of a Continuous Preconcentration Ion-Exchange-Derivatization Module to a Gas Chromatograph. <i>Analytical Chemistry</i> , 1994, 66, 628-634.	3.2	21
140	A Partially Automated Pretreatment Module for Routine Analyses for Seventeen Non-Steroid Antiinflammatory Drugs in Race Horses Using Gas Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 1996, 68, 118-123.	3.2	21
141	Direct sampling of orujo oil for determining residual hexane by using a chemsensor. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2003, 80, 613-618.	0.8	21
142	Characterization of an Attenuated Total Reflection-Based Sensor for Integrated Solid-Phase Extraction and Infrared Detection. <i>Analytical Chemistry</i> , 2008, 80, 1146-1151.	3.2	21
143	Direct coupling of dispersive micro-solid phase extraction and thermal desorption for sensitive gas chromatographic analysis. <i>Analytical Methods</i> , 2011, 3, 991.	1.3	21
144	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.	1.8	21

#	ARTICLE	IF	CITATIONS
145	Paper-based sorptive phases for microextraction and sensing. <i>Analytical Methods</i> , 2020, 12, 3074-3091.	1.3	21
146	Continuous flow systems for rapid sample screening. <i>TrAC - Trends in Analytical Chemistry</i> , 2002, 21, 251-258.	5.8	20
147	Continuous flow autoanalyzer for the sequential determination of total sugars, colorant and caffeine contents in soft drinks. <i>Analytica Chimica Acta</i> , 2005, 530, 283-289.	2.6	20
148	Robustness in qualitative analysis: a practical approach. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 621-627.	5.8	20
149	Simplifying chromatographic analysis of the volatile fraction of foods. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 794-803.	5.8	20
150	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.	1.9	20
151	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.	1.9	20
152	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.	2.3	20
153	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.	1.8	20
154	Autoanalyzer for Milk Quality Control Based on the Lactose, Fat, and Total Protein Contents. <i>Analytical Chemistry</i> , 2003, 75, 1425-1429.	3.2	19
155	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.	1.9	19
156	Recycling polymer residues to synthesize magnetic nanocomposites for dispersive micro-solid phase extraction. <i>Talanta</i> , 2017, 170, 451-456.	2.9	19
157	Nanostructured hybrid monolith with integrated stirring for the extraction of UV-filters from water and urine samples. <i>Talanta</i> , 2018, 182, 391-395.	2.9	19
158	Ultrafast spectroscopic investigation on fluorescent carbon nanodots: the role of passivation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16459-16467.	1.3	19
159	Semiautomatic method for the screening and determination of 23 organochlorine pesticides in horticultural samples by gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , 1999, 849, 235-243.	1.8	17
160	ATR-FTIR membrane-based sensor for the simultaneous determination of surfactant and oil total indices in industrial degreasing baths. <i>Analyst</i> , 2006, 131, 415-421.	1.7	17
161	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.	2.6	17
162	Direct screening of lyophilised biological fluids for bile acids using an evaporative light scattering detector. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 792, 299-305.	1.2	16

#	ARTICLE	IF	CITATIONS
163	Evaluation of a new miniaturized ion mobility spectrometer and its coupling to fast gas chromatography multicapillary columns. <i>Journal of Chromatography A</i> , 2008, 1214, 143-150.	1.8	16
164	Stir-membrane liquid microextraction for the determination of paracetamol in human saliva samples. <i>Bioanalysis</i> , 2013, 5, 307-315.	0.6	16
165	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.	2.5	16
166	Mechanochemically designed bismuth-based halide perovskites for efficient photocatalytic oxidation of vanillyl alcohol. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11298-11305.	5.2	16
167	Discrimination of structural isomers of chlorinated phenols in waters using gas chromatography-mass spectrometry in the negative chemical ionization mode. <i>Journal of Chromatography A</i> , 1999, 830, 165-174.	1.8	15
168	FI automatic method for the determination of copper(II) based on coproporphyrin I/Cu(II)/TCPO/H ₂ O ₂ chemiluminescence reaction for the screening of waters. <i>Talanta</i> , 2004, 64, 1030-1035.	2.9	15
169	Principles of qualitative analysis in the chromatographic context. <i>Journal of Chromatography A</i> , 2007, 1158, 234-240.	1.8	15
170	Portable stir membrane device for on-site environmental sampling and extraction. <i>Journal of Chromatography A</i> , 2019, 1606, 360359.	1.8	15
171	Recycled polystyrene-cotton composites, giving a second life to plastic residues for environmental remediation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103424.	3.3	15
172	<i>Heracleum Persicum</i> based biosorbent for the removal of paraquat and diquat from waters. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104481.	3.3	15
173	Switchable Pickering emulsions stabilized by polystyrene-modified magnetic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125462.	2.3	15
174	Magnetic Graphene Oxide Composite for the Microextraction and Determination of Benzophenones in Water Samples. <i>Nanomaterials</i> , 2020, 10, 168.	1.9	15
175	Toxicity evaluation of barium ferrite nanoparticles in bacteria, yeast and nematode. <i>Chemosphere</i> , 2020, 254, 126786.	4.2	15
176	An Automated Preconcentration-Derivatization System for the Determination of Cocaine and its Metabolites in Urine and Illicit Cocaine Samples by Gas Chromatography/Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 631-636.	0.7	14
177	On-capillary sample cleanup method for the electrophoretic determination of carbohydrates in juice samples. <i>Electrophoresis</i> , 2007, 28, 1557-1563.	1.3	14
178	Microextraction techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1999-2000.	1.9	14
179	Cotton fibers functionalized with β -cyclodextrins as selectivity enhancer for the direct infusion mass spectrometric determination of cocaine and methamphetamine in saliva samples. <i>Analytica Chimica Acta</i> , 2020, 1126, 133-143.	2.6	14
180	Synergistic combination of polyamide-coated paper-based sorptive phase for the extraction of antibiotics in saliva. <i>Analytica Chimica Acta</i> , 2021, 1164, 338512.	2.6	14

#	ARTICLE	IF	CITATIONS
181	Magnetically confined hydrophobic nanoparticles for the microextraction of endocrine-disrupting phenols from environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2729-2734.	1.9	13
182	Carbon nanostructures incorporated on methacrylate monoliths for separation of small molecules by nano-liquid chromatography. <i>Microchemical Journal</i> , 2018, 139, 222-229.	2.3	13
183	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.	1.7	13
184	Advanced polymeric solids containing nano- and micro-particles prepared via emulsion-based polymerization approaches. A review. <i>Analytica Chimica Acta</i> , 2022, 1208, 339669.	2.6	13
185	Current and future screening systems. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 81-83.	1.9	12
186	Fast urinary screening for imipramine and desipramine using on-line solid-phase extraction and selective derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 857, 275-280.	1.2	12
187	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.	1.8	12
188	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.	2.9	12
189	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> , 2020, 218, 121124.	2.9	12
190	Usefulness of the evaporative light scattering detector for direct screening of biological fluids. <i>Analytica Chimica Acta</i> , 2001, 435, 281-288.	2.6	11
191	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.	1.9	11
192	Determination of propranolol and carvedilol in urine samples using a magnetic polyamide composite and LC-MS/MS. <i>Bioanalysis</i> , 2016, 8, 2115-2123.	0.6	11
193	Photocatalytic Cellulose-Paper: Deepening in the Sustainable and Synergic Combination of Sorption and Photodegradation. <i>ACS Omega</i> , 2021, 6, 9577-9586.	1.6	11
194	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.	2.6	11
195	Comparison of the sensitivities of sixteen phenols in waters using an automated preconcentration system and gas chromatography/mass spectrometry in different ionization modes. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 198-206.	0.7	10
196	Automated flow system on-line to LC with postcolumn derivatisation for determination of sugars in carbohydrate-rich foods. <i>Chromatographia</i> , 2000, 52, 314-318.	0.7	10
197	Autoanalyzer for continuous fractionation and quantitation of the polyphenols content in wines. <i>Journal of Chromatography A</i> , 2005, 1081, 127-131.	1.8	10
198	ATR-FT-IR Membrane-Based Sensor for Integrated Microliquid-Liquid Extraction and Detection. <i>Analytical Chemistry</i> , 2005, 77, 7472-7477.	3.2	10

#	ARTICLE	IF	CITATIONS
199	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.	1.8	10
200	Facile preparation of carbon nanotube-based molecularly imprinted monolithic stirred unit. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6341-6349.	1.9	10
201	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.	2.5	10
202	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.	1.9	10
203	Biological fluid screening and confirmation of bile acids by use of an integrated flow-injection-LC-evaporative light-scattering system. <i>Chromatographia</i> , 2002, 55, 49-54.	0.7	9
204	Comparison of aromatic and alkyl micelles for the electrokinetic determination of phthalates in virgin olive oil. <i>Electrophoresis</i> , 2009, 30, 618-623.	1.3	9
205	Tunable Polarity Carbon Fibers, a Holistic Approach to Environmental Protection. <i>Molecules</i> , 2018, 23, 1026.	1.7	9
206	Effect of carbon nanohorns in the radical polymerization of methacrylate monolithic capillary columns and their application as extractant phases. <i>Talanta</i> , 2019, 191, 149-155.	2.9	9
207	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.	1.9	9
208	Wooden-based materials: Eco-friendly materials for direct mass spectrometric analysis and microextraction. <i>Journal of Separation Science</i> , 2022, 45, 223-232.	1.3	9
209	Sequential Determination of Triglycerides and Free Fatty Acids in Biological Fluids by Use of a Continuous Pretreatment Module Coupled to a Gas Chromatograph. <i>Analytical Biochemistry</i> , 1994, 222, 332-341.	1.1	8
210	Gas chromatographic-mass spectrometric confirmation of selected benzophenones from benzodiazepines in human urine following automatic screening. <i>Journal of Chromatography A</i> , 1998, 823, 389-399.	1.8	8
211	Modern qualitative analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 467.	5.8	8
212	Monolithic Solid Based on Single-Walled Carbon Nanohorns: Preparation, Characterization, and Practical Evaluation as a Sorbent. <i>Nanomaterials</i> , 2018, 8, 370.	1.9	8
213	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.	1.7	8
214	Carbon fibers as green and sustainable sorbent for the extraction of isoflavones from environmental waters. <i>Talanta</i> , 2021, 233, 122582.	2.9	8
215	Continuous autoanalyzer for the evaluation of the exhaustion of industrial degreasing baths based on the determination of total grease and surfactant contents. <i>Journal of Chromatography A</i> , 2006, 1104, 18-22.	1.8	7
216	Continuous flow configuration for total hydrocarbons index determination in soils by evaporative light scattering detection. <i>Journal of Chromatography A</i> , 2007, 1141, 302-307.	1.8	7

#	ARTICLE	IF	CITATIONS
217	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.	2.9	7
218	Continuous flow configuration for total grease and surfactant determination in industrial degreasing baths. <i>Analytica Chimica Acta</i> , 2006, 561, 78-82.	2.6	6
219	Ionic Liquids in Sample Preparation. <i>Comprehensive Analytical Chemistry</i> , 2017, , 203-224.	0.7	6
220	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.	3.2	6
221	Magnetic Polyamide Nanocomposites for the Microextraction of Benzophenones from Water Samples. <i>Molecules</i> , 2019, 24, 953.	1.7	6
222	We need reliable ways to bypass preliminary operations in (bio)chemical measurement. <i>TrAC - Trends in Analytical Chemistry</i> , 2002, 21, 211-212.	5.8	5
223	Multipurpose chamber for the implementation of gas diffusion, dialysis, solid-phase extraction and precipitation/dissolution in continuous flow analyzers. <i>Analytica Chimica Acta</i> , 2004, 509, 47-54.	2.6	5
224	Bridging the gap between analytical R&D products and their use in practice. <i>Analyst</i> , The, 2007, 132, 97-100.	1.7	5
225	Nano-depletion of acrosome-damaged donkey sperm by using lectin peanut agglutinin (PNA)-magnetic nanoparticles. <i>Theriogenology</i> , 2020, 151, 103-111.	0.9	5
226	Portable Raman Spectrometer as a Screening Tool for Characterization of Iberian Dry-Cured Ham. <i>Foods</i> , 2021, 10, 1177.	1.9	5
227	Fan-based device for integrated air sampling and microextraction. <i>Talanta</i> , 2021, 230, 122290.	2.9	5
228	Automatic gas chromatographic determination of the high-density-lipoprotein cholesterol and total cholesterol in serum. <i>Biomedical Applications</i> , 1995, 672, 7-16.	1.7	4
229	An automated preparation device for the determination of drugs in biological fluids coupled on-line to a gas chromatograph/mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 973-980.	0.7	4
230	Sample/analyte screening systems and chromatography. <i>Chromatographia</i> , 2001, 53, S149-S153.	0.7	4
231	Green detection of the olive fruit fly pest by the direct determination of its sexual pheromone. <i>Analytical Methods</i> , 2015, 7, 7228-7233.	1.3	4
232	Determination of urinary 5-hydroxyindoleacetic acid by combining D ¹⁴ -SPE using carbon coated TiO ₂ nanotubes and LC-MS/MS. <i>Bioanalysis</i> , 2015, 7, 2857-2867.	0.6	4
233	Passivated graphene quantum dots for carbaryl determination in juices. <i>Journal of Separation Science</i> , 2021, 44, 1652-1661.	1.3	4
234	Direct automatic screening of soils for polycyclic aromatic hydrocarbons based on microwave-assisted extraction/fluorescence detection and on-line liquid chromatographic confirmation. <i>Journal of Chromatography A</i> , 2004, 1050, 111-118.	1.8	4

#	ARTICLE	IF	CITATIONS
235	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.	1.8	4
236	Rapid Solid-phase Extraction/Derivatization System for Sample Preparation and Gas Chromatographic/Mass Spectrometric Determination of Drugs in Human Urine. , 1997, 11, 298-306.		3
237	Determination of Tuta absoluta pheromones in water and tomato samples by headspace-gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 795-802.	1.9	3
238	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.	1.1	3
239	Recycling Oxacillin Residues from Environmental Waste into Graphene Quantum Dots. <i>Journal of Carbon Research</i> , 2019, 5, 68.	1.4	3
240	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.	2.1	3
241	Statistical intervals to validate an autoanalyzer for monitoring the exhaustion of alkaline degreasing baths. <i>Analytica Chimica Acta</i> , 2006, 569, 260-266.	2.6	2
242	Magnetic hydrophobic solids prepared from Pickering emulsions for the extraction of polycyclic aromatic hydrocarbons from chamomile tea. <i>Talanta</i> , 2021, 224, 121915.	2.9	2
243	Membrane sorptive phases. , 2021, , 199-228.		2
244	Solid Phase (Micro)extraction Tools Based on Carbon Nanotubes and Related Nanostructures. , 0, ,		1
245	Particle loaded membranes. , 2020, , 341-354.		1
246	Direct olive oil analysis. <i>Grasas Y Aceites</i> , 2002, 53, .	0.3	1
247	Miniaturized solid-phase extraction. , 2021, , 13-31.		1
248	Selectivity-enhanced sorbents. , 2021, , 229-252.		1
249	Switchable solvents. , 2021, , 453-470.		1
250	Direct coupling of microextraction with instrumental techniques. , 2021, , 159-198.		1
251	Direct automatic screening of soils for polycyclic aromatic hydrocarbons based on microwave-assisted extraction/fluorescence detection and on-line liquid chromatographic confirmation. <i>Journal of Chromatography A</i> , 2004, 1050, 111-8.	1.8	1
252	Present and Future Applications of Carbon Nanotubes to Analytical Science. <i>ChemInform</i> , 2005, 36, no.	0.1	0

#	ARTICLE	IF	CITATIONS
253	QUALITATIVE ANALYSIS. , 2005, , 405-411.		0
254	Benzene, Toluene, Ethylbenzene, (o-, m- and p-) Xylenes and Styrene in Olive Oil. , 2010, , 463-470.		0
255	Miniaturized sample preparation based on carbon nanostructures. Sample Preparation, 2014, 2, .	0.4	0
256	Monolithic solids: synthesis and uses in microextraction techniques. , 2021, , 393-426.		0
257	Polymeric nanocomposites. , 2021, , 377-392.		0
258	Unconfined liquid-phase microextraction. , 2021, , 79-96.		0
259	Analytical sample treatment: basics and trends. , 2021, , 1-11.		0
260	Solid-phase microextraction. , 2021, , 33-77.		0
261	Surface Enhanced Raman Spectroscopy (SERS) Sensors for Clinical Analysis. , 2022, , .		0
262	Flow Processing Devices Coupled to Discrete Sample Introduction Instruments. , 0, , 265-290.		0
263	Fluorescent Sensors in Food Industry. , 2022, , .		0