

Eduardo Carasek da Rocha

List of Publications by Year in descending order

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193
papers

5,186
citations

70961

41
h-index

133063

59
g-index

198
all docs

198
docs citations

198
times ranked

4262
citing authors

#	ARTICLE	IF	CITATIONS
1	New sorbents for extraction and microextraction techniques. <i>Journal of Chromatography A</i> , 2010, 1217, 2533-2542.	1.8	224
2	Screening of Tropical Fruit Volatile Compounds Using Solid-Phase Microextraction (SPME) Fibers and Internally Cooled SPME Fiber. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8688-8696.	2.4	139
3	Membrane-based microextraction techniques in analytical chemistry: A review. <i>Analytica Chimica Acta</i> , 2015, 880, 8-25.	2.6	134
4	Headspace solid-phase microextraction-gas chromatographic-time-of-flight mass spectrometric methodology for geographical origin verification of coffee. <i>Analytica Chimica Acta</i> , 2008, 617, 72-84.	2.6	128
5	Application of fractional factorial experimental and Box-Behnken designs for optimization of single-drop microextraction of 2,4,6-trichloroanisole and 2,4,6-tribromoanisole from wine samples. <i>Journal of Chromatography A</i> , 2007, 1148, 131-136.	1.8	120
6	Chromium speciation and preconcentration using zirconium(IV) and zirconium(IV) phosphate chemically immobilized onto silica gel surface using a flow system and F AAS. <i>Talanta</i> , 2005, 65, 537-542.	2.9	88
7	High-Resolution Continuum Source Atomic and Molecular Absorption Spectrometry-A Review. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 327-354.	3.4	87
8	Fast and sensitive method to determine chloroanisoles in cork using an internally cooled solid-phase microextraction fiber. <i>Journal of Chromatography A</i> , 2007, 1138, 10-17.	1.8	77
9	Determination of fluorine in tea using high-resolution molecular absorption spectrometry with electrothermal vaporization of the calcium mono-fluoride CaF. <i>Talanta</i> , 2011, 85, 2681-2685.	2.9	77
10	Cork as a new (green) coating for solid-phase microextraction: Determination of polycyclic aromatic hydrocarbons in water samples by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 772, 33-39.	2.6	75
11	Preparation and application of NiTi alloy coated with ZrO ₂ as a new fiber for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2007, 1164, 18-24.	1.8	71
12	Simultaneous determination of polycyclic aromatic hydrocarbons and benzene, toluene, ethylbenzene and xylene in water samples using a new sampling strategy combining different extraction modes and temperatures in a single extraction solid-phase microextraction-gas chromatography-mass spectrometry procedure. <i>Journal of Chromatography A</i> , 2012, 1233, 22-29.	1.8	71
13	Chelating resin from functionalization of chitosan with complexing agent 8-hydroxyquinoline: application for metal ions on line preconcentration system. <i>Analytica Chimica Acta</i> , 2004, 521, 157-162.	2.6	69
14	Development of a flow system for the determination of cadmium in fuel alcohol using vermicompost as biosorbent and flame atomic absorption spectrometry. <i>Talanta</i> , 2009, 78, 333-336.	2.9	68
15	A new method of microvolume back-extraction procedure for enrichment of Pb and Cd and determination by flame atomic absorption spectrometry. <i>Talanta</i> , 2002, 56, 185-191.	2.9	67
16	Determination of cadmium in alcohol fuel using <i>Moringa oleifera</i> seeds as a biosorbent in an on-line system coupled to FAAS. <i>Talanta</i> , 2010, 80, 1133-1138.	2.9	67
17	Single drop microextraction in a 96-well plate format: A step toward automated and high-throughput analysis. <i>Analytica Chimica Acta</i> , 2019, 1063, 159-166.	2.6	67
18	Multiresidue determination of pesticides in industrial and fresh orange juice by hollow fiber microporous membrane liquid-liquid extraction and detection by liquid chromatography-electrospray-tandem mass spectrometry. <i>Talanta</i> , 2012, 88, 573-580.	2.9	64

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19	Application of NiTi alloy coated with ZrO ₂ as a new fiber for solid-phase microextraction for determination of halophenols in water samples. <i>Analytica Chimica Acta</i> , 2007, 598, 254-260.	2.6	61
20	Preparation and characterization of new solid-phase microextraction fibers obtained by sol-gel technology and zirconium oxide electrodeposited on NiTi alloy. <i>Journal of Chromatography A</i> , 2008, 1187, 34-39.	1.8	61
21	A fast and accurate method for the determination of total and soluble fluorine in toothpaste using high-resolution graphite furnace molecular absorption spectrometry and its comparison with established techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1040-1046.	1.4	61
22	Magnetic ionic liquids as versatile extraction phases for the rapid determination of estrogens in human urine by dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography-diode array detection. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4689-4699.	1.9	58
23	Single drop micro-extraction with O,O-diethyl dithiophosphate for the determination of lead by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2008, 74, 800-805.	2.9	56
24	Use of green coating (cork) in solid-phase microextraction for the determination of organochlorine pesticides in water by gas chromatography-electron capture detection. <i>Talanta</i> , 2015, 134, 409-414.	2.9	55
25	A recent overview of the application of liquid-phase microextraction to the determination of organic micro-pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 203-209.	5.8	55
26	Application of silica gel organofunctionalized with 3(1-imidazolyl)propyl in an on-line preconcentration system for the determination of copper by FAAS. <i>Talanta</i> , 2004, 64, 181-189.	2.9	53
27	Speciation of Cr(III) and Cr(VI) in environmental samples determined by selective separation and preconcentration on silica gel chemically modified with niobium(V) oxide. <i>Journal of Hazardous Materials</i> , 2009, 161, 450-456.	6.5	53
28	Basic principles, recent trends and future directions of microextraction techniques for the analysis of aqueous environmental samples. <i>Trends in Environmental Analytical Chemistry</i> , 2018, 19, e00060.	5.3	53
29	Use of NbO ₂ /SiO ₂ in an automated on-line preconcentration system for determination of copper and cadmium by FAAS. <i>Talanta</i> , 2004, 62, 727-733.	2.9	52
30	A simple hollow fiber renewal liquid membrane extraction method for analysis of sulfonamides in honey samples with determination by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 6449-6454.	1.8	52
31	A novel approach to bar adsorptive microextraction: Cork as extractor phase for determination of benzophenone, triclocarban and parabens in aqueous samples. <i>Analytica Chimica Acta</i> , 2015, 888, 59-66.	2.6	52
32	Cloud point extraction for the determination of lead and cadmium in urine by graphite furnace atomic absorption spectrometry with multivariate optimization using Box-Behnken design. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 1019-1027.	1.5	51
33	Novel approach to high-throughput determination of endocrine disruptors using recycled diatomaceous earth as a green sorbent phase for thin-film solid-phase microextraction combined with 96-well plate system. <i>Analytica Chimica Acta</i> , 2017, 996, 29-37.	2.6	50
34	Use of 8-hydroxyquinoline-chitosan chelating resin in an automated on-line preconcentration system for determination of zinc(II) by FAAS. <i>Journal of Hazardous Materials</i> , 2008, 157, 88-93.	6.5	47
35	Simultaneous liquid-liquid microextraction and polypropylene microporous membrane solid-phase extraction of organochlorine pesticides in water, tomato and strawberry samples. <i>Journal of Chromatography A</i> , 2010, 1217, 7-13.	1.8	47
36	Development of an on-line preconcentration system for zinc determination in biological samples. <i>Talanta</i> , 2006, 69, 488-493.	2.9	46

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37	Sustainable green solvents for microextraction techniques: Recent developments and applications. <i>Journal of Chromatography A</i> , 2021, 1640, 461944.	1.8	46
38	Determination of volatile profile of citrus fruit by HS-SPME/GC-MS with oxidized NiTi fibers using two temperatures in the same extraction procedure. <i>Microchemical Journal</i> , 2013, 109, 128-133.	2.3	45
39	A low-cost flame atomic absorption spectrometry method for determination of trace metals in aqueous samples. <i>Talanta</i> , 2000, 51, 173-178.	2.9	44
40	New poly(ethylene glycol) solid-phase microextraction fiber employing zirconium oxide electrolytically deposited onto a NiTi alloy as substrate for sol-gel reactions. <i>Journal of Chromatography A</i> , 2008, 1198-1199, 54-58.	1.8	44
41	Simple hollow fiber renewal liquid membrane extraction method for pre-concentration of Cd(II) in environmental samples and detection by Flame Atomic Absorption Spectrometry. <i>Analytica Chimica Acta</i> , 2009, 638, 45-50.	2.6	44
42	Method development and optimization for the determination of selenium in bean and soil samples using hydride generation electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2011, 85, 1350-1356.	2.9	42
43	A new approach based on a combination of direct and headspace cold-fiber solid-phase microextraction modes in the same procedure for the determination of polycyclic aromatic hydrocarbons and phthalate esters in soil samples. <i>Journal of Chromatography A</i> , 2011, 1218, 1707-1714.	1.8	42
44	Sulphoxine immobilized onto chitosan microspheres by spray drying: application for metal ions preconcentration by flow injection analysis. <i>Talanta</i> , 2004, 63, 397-403.	2.9	40
45	Determination of sulfur in coal using direct solid sampling and high-resolution continuum source molecular absorption spectrometry of the CS molecule in a graphite furnace. <i>Talanta</i> , 2013, 106, 368-374.	2.9	39
46	Returning to Nature for the Design of Sorptive Phases in Solid-Phase Microextraction. <i>Separations</i> , 2020, 7, 2.	1.1	39
47	Screening of volatile compounds in honey using a new sampling strategy combining multiple extraction temperatures in a single assay by HS-SPME-GC-MS. <i>Food Chemistry</i> , 2014, 145, 1061-1065.	4.2	37
48	Determination of arsenic in agricultural soil samples using High-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. <i>Talanta</i> , 2018, 188, 722-728.	2.9	37
49	Volatile compounds of leaves and fruits of <i>Mangifera indica</i> var. coquinho (Anacardiaceae) obtained using solid phase microextraction and hydrodistillation. <i>Food Chemistry</i> , 2011, 127, 689-693.	4.2	36
50	Expanding the applicability of cork as extraction phase for disposable pipette extraction in multiresidue analysis of pharmaceuticals in urine samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1102-1103, 159-166.	1.2	36
51	Determination of sulfur in biological samples using high-resolution molecular absorption spectrometry in a graphite furnace with direct solid sampling. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1039.	1.6	35
52	Detection of extraction artifacts in the analysis of honey volatiles using comprehensive two-dimensional gas chromatography. <i>Food Chemistry</i> , 2013, 141, 1828-1833.	4.2	35
53	Novel analytical procedure using a combination of hollow fiber supported liquid membrane and dispersive liquid-liquid microextraction for the determination of aflatoxins in soybean juice by high performance liquid chromatography - Fluorescence detector. <i>Food Chemistry</i> , 2016, 196, 292-300.	4.2	35
54	A new configuration for bar adsorptive microextraction (BA μ E) for the quantification of biomarkers (hexanal and heptanal) in human urine by HPLC providing an alternative for early lung cancer diagnosis. <i>Analytica Chimica Acta</i> , 2017, 965, 54-62.	2.6	35

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55	A low-cost biosorbent-based coating for the highly sensitive determination of organochlorine pesticides by solid-phase microextraction and gas chromatography-electron capture detection. <i>Journal of Chromatography A</i> , 2017, 1525, 23-31.	1.8	34
56	Simultaneous determination of trihalomethanes and organochlorine pesticides in water samples by direct immersion-headspace-solid phase microextraction. <i>Journal of Chromatography A</i> , 2013, 1321, 30-37.	1.8	33
57	A hybrid material as a sorbent phase for the disposable pipette extraction technique enhances efficiency in the determination of phenolic endocrine-disrupting compounds. <i>Journal of Chromatography A</i> , 2017, 1513, 42-50.	1.8	33
58	An effective and high-throughput analytical methodology for pesticide screening in human urine by disposable pipette extraction and gas chromatography – mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 459-465.	1.2	33
59	Determination of fluorine in plant materials via calcium mono-fluoride using high-resolution graphite furnace molecular absorption spectrometry with direct solid sample introduction. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1564-1569.	1.6	31
60	Isolation and preconcentration of Cd(II) from environmental samples using polypropylene porous membrane in a hollow fiber renewal liquid membrane extraction procedure and determination by FAAS. <i>Journal of Hazardous Materials</i> , 2010, 177, 567-572.	6.5	30
61	Comparison of three different sample preparation procedures for the determination of traffic-related elements in airborne particulate matter collected on glass fiber filters. <i>Talanta</i> , 2012, 88, 689-695.	2.9	30
62	Cork sheet as a sorptive phase to extract hormones from water by rotating-disk sorptive extraction (RDSE). <i>Analytica Chimica Acta</i> , 2019, 1087, 1-10.	2.6	30
63	Arsenic containing medium and long chain fatty acids in marine fish oil identified as degradation products using reversed-phase HPLC-ICP-MS/ESI-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1836-1845.	1.6	27
64	Bract as a novel extraction phase in thin-film SPME combined with 96-well plate system for the high-throughput determination of estrogens in human urine by liquid chromatography coupled to fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1118-1119, 17-24.	1.2	27
65	Disposable pipette extraction: A critical review of concepts, applications, and directions. <i>Analytica Chimica Acta</i> , 2022, 1192, 339383.	2.6	27
66	Niobium(V) oxide coated on thin glass – ceramic rod as a solid phase microextraction fiber. <i>Talanta</i> , 2005, 66, 74-79.	2.9	26
67	Application of robust NiTi – ZrO ₂ – PEG SPME fiber in the determination of haloanisoles in cork stopper samples. <i>Analytica Chimica Acta</i> , 2008, 629, 92-97.	2.6	26
68	Strontium mono-chloride – A new molecule for the determination of chlorine using high-resolution graphite furnace molecular absorption spectrometry and direct solid sample analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 102, 1-6.	1.5	26
69	A green and low-cost method employing switchable hydrophilicity solvent for the simultaneous determination of antidepressants in human urine by gas chromatography - mass spectrometry detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1143, 122069.	1.2	26
70	Hollow-fiber liquid – liquid – solid micro-extraction of lead in soft drinks and determination by graphite furnace atomic absorption spectrometry. <i>Talanta</i> , 2011, 84, 989-994.	2.9	25
71	A green and simple sample preparation method to determine pesticides in rice using a combination of SPME and rotating disk sorption devices. <i>Analytica Chimica Acta</i> , 2019, 1069, 57-65.	2.6	25
72	Determination of Trace Metals in Fuel Alcohol by FAAS Using Nb ₂ O ₅ – SiO ₂ as Sorbent Material in a Flow Injection On – Line Preconcentration System. <i>Analytical Letters</i> , 2004, 37, 1909-1924.	1.0	24

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73	Evaluation of a completely automated cold fiber device using compounds with varying volatility and polarity. <i>Analytica Chimica Acta</i> , 2012, 742, 22-29.	2.6	24
74	Investigation of chemical modifiers for the direct determination of arsenic in fish oil using high-resolution continuum source graphite furnace atomic absorption spectrometry. <i>Talanta</i> , 2016, 150, 142-147.	2.9	24
75	Determination of sulfur in crude oil using high-resolution continuum source molecular absorption spectrometry of the SnS molecule in a graphite furnace. <i>Talanta</i> , 2016, 146, 203-208.	2.9	24
76	Development of a high-throughput method based on thin-film microextraction using a 96-well plate system with a cork coating for the extraction of emerging contaminants in river water samples. <i>Journal of Separation Science</i> , 2018, 41, 697-703.	1.3	24
77	Method development for the determination of bromine in coal using high-resolution continuum source graphite furnace molecular absorption spectrometry and direct solid sample analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 96, 33-39.	1.5	23
78	Hollow-fiber renewal liquid membrane extraction coupled with 96-well plate system as innovative high-throughput configuration for the determination of endocrine disrupting compounds by high-performance liquid chromatography-fluorescence and diode array detection. <i>Analytica Chimica Acta</i> , 2018, 1040, 33-40.	2.6	23
79	A green - high throughput extraction method based on hydrophobic natural deep eutectic solvent for the determination of emerging contaminants in water by high performance liquid chromatography diode array detection. <i>Journal of Chromatography A</i> , 2020, 1626, 461377.	1.8	23
80	A combination of statistical and analytical evaluation methods as a new optimization strategy for the quantification of pharmaceutical residues in sewage effluent. <i>Analytica Chimica Acta</i> , 2008, 613, 169-176.	2.6	22
81	Determination of THMs in soft drink by solid-phase microextraction and gas chromatography. <i>Food Chemistry</i> , 2011, 127, 290-295.	4.2	22
82	Use of two different coating temperatures for a cold fiber headspace solid-phase microextraction system to determine the volatile profile of Brazilian medicinal herbs. <i>Journal of Separation Science</i> , 2013, 36, 1410-1417.	1.3	22
83	Fluorine determination in coal using high-resolution graphite furnace molecular absorption spectrometry and direct solid sample analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 105, 18-24.	1.5	22
84	Frog Volatile Compounds: Application of in vivo SPME for the Characterization of the Odorous Secretions from Two Species of <i>Hypsiboas</i> Treefrogs. <i>Journal of Chemical Ecology</i> , 2015, 41, 360-372.	0.9	22
85	Determination of chlorine in coal via the SrCl molecule using high-resolution graphite furnace molecular absorption spectrometry and direct solid sample analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 114, 46-50.	1.5	22
86	Low-cost approach to increase the analysis throughput of bar adsorptive microextraction (BA μ E) combined with environmentally-friendly renewable sorbent phase of recycled diatomaceous earth. <i>Talanta</i> , 2018, 178, 886-893.	2.9	22
87	A simple sample preparation procedure for the fast screening of selenium species in soil samples using alkaline extraction and hydride-generation graphite furnace atomic absorption spectrometry. <i>Microchemical Journal</i> , 2016, 125, 50-55.	2.3	21
88	Determination of emerging contaminants in aqueous matrices with hollow fiber-supported dispersive liquid-liquid microextraction (HF-DLLME) and separation/detection by liquid chromatography diode array detection. <i>Microchemical Journal</i> , 2017, 130, 371-376.	2.3	21
89	Exploiting green sorbents in rotating-disk sorptive extraction for the determination of parabens by high-performance liquid chromatography with tandem electrospray ionization triple quadrupole mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 4047-4054.	1.3	21
90	A high throughput approach to rotating-disk sorptive extraction (RDSE) using laminar cork for the simultaneous determination of multiclass organic micro-pollutants in aqueous sample by GC-MS. <i>Talanta</i> , 2020, 208, 120459.	2.9	21

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91	Solid phase microextraction to concentrate volatile products from thermal degradation of polymers. <i>Polymer Degradation and Stability</i> , 2005, 89, 33-37.	2.7	20
92	Application of an NiTi alloy coated with ZrO ₂ solid-phase microextraction fiber for determination of haloanisoles in red wine samples. <i>Mikrochimica Acta</i> , 2009, 164, 197-202.	2.5	20
93	Use of Doehlert design in the optimization of extraction conditions in the determination of organochlorine pesticides in bovine milk samples by HS-SPME. <i>Analytical Methods</i> , 2014, 6, 3254-3260.	1.3	20
94	Coupling solid phase microextraction to complementary separation platforms for metabotyping of <i>E. coli</i> metabolome in response to natural antibacterial agents. <i>Metabolomics</i> , 2016, 12, 1.	1.4	20
95	Alternative Green Extraction Phases Applied to Microextraction Techniques for Organic Compound Determination. <i>Separations</i> , 2019, 6, 35.	1.1	20
96	A natural and renewable biosorbent phase as a low-cost approach in disposable pipette extraction technique for the determination of emerging contaminants in lake water samples. <i>Journal of Separation Science</i> , 2019, 42, 1404-1411.	1.3	20
97	Simultaneous on-line pre-concentration and determination of trace metals in environmental samples by flow injection combined with inductively coupled plasma mass spectrometry using silica gel modified with niobium(V) oxide. <i>Talanta</i> , 2008, 74, 586-592.	2.9	19
98	Combination of hollow-fiber-supported liquid membrane and dispersive liquid-liquid microextraction as a fast and sensitive technique for the extraction of pesticides from grape juice followed by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2015, 38, 1959-1968.	1.3	19
99	Investigation of chemical modifiers for the determination of cadmium and chromium in fish oil and lipid matrices using HR-CS GF AAS and a simple "dilute-and-shoot" approach. <i>Microchemical Journal</i> , 2017, 133, 175-181.	2.3	19
100	Effective and High-Throughput Analytical Methodology for the Determination of Lead and Cadmium in Water Samples by Disposable Pipette Extraction Coupled with High-Resolution Continuum Source Graphite Furnace Atomic Absorption Spectrometry (HR-CS GF AAS). <i>Analytical Letters</i> , 2019, 52, 2133-2149.	1.0	19
101	High-throughput approach for the in situ generation of magnetic ionic liquids in parallel-dispersive droplet extraction of organic micropollutants in aqueous environmental samples. <i>Talanta</i> , 2021, 223, 121759.	2.9	19
102	Application of Nb ₂ O ₅ -SiO ₂ in Pre-Concentration and Determination of Copper and Cadmium by Flow System with Flame Atomic Absorption Spectrometry. <i>Mikrochimica Acta</i> , 2003, 141, 169-174.	2.5	18
103	Determination of selenium in soil samples using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. <i>Analytical Methods</i> , 2014, 6, 2870-2875.	1.3	18
104	Designing a green device to BA ^{1/4} E: Recycled cork pellet as extraction phase for the determination of parabens in river water samples. <i>Talanta</i> , 2020, 219, 121369.	2.9	18
105	Histamine functionalized magnetic nanoparticles (HIS-MNP) as a sorbent for thin film microextraction of endocrine disrupting compounds in aqueous samples and determination by high performance liquid chromatography-fluorescence detection. <i>Journal of Chromatography A</i> , 2019, 1602, 41-47.	1.8	17
106	Expanding the applicability of magnetic ionic liquids for multiclass determination in biological matrices based on dispersive liquid-liquid microextraction and HPLC with diode array detector analysis. <i>Journal of Separation Science</i> , 2020, 43, 2657-2665.	1.3	17
107	A proof-of-concept of parallel single-drop microextraction for the rapid and sensitive biomonitoring of pesticides in urine. <i>Journal of Separation Science</i> , 2021, 44, 1961-1968.	1.3	17
108	Determination of compounds with varied volatilities from aqueous samples using a polymeric ionic liquid sorbent coating by direct immersion-headspace solid-phase microextraction. <i>Analytical Methods</i> , 2016, 8, 4108-4118.	1.3	16

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109	PrÃ©-concentraÃ§Ã£o de chumbo e cÃ¡dmio em um sistema de micro extraÃ§Ã£o lÃquido-lÃquido e determinaÃ§Ã£o por espectrometria de absorÃ§Ã£o atÃmica com chama. <i>Quimica Nova</i> , 2002, 25, 748-752.	0.3	15
110	Use of different sample temperatures in a single extraction procedure for the screening of the aroma profile of plant matrices by headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , 2011, 1218, 3731-3736.	1.8	15
111	Asymmetric reduction of (4S)-(+)-carvone catalyzed by baker's yeast: A green method for monitoring the conversion based on liquid-liquid microextraction with polypropylene hollow fiber membranes. <i>Process Biochemistry</i> , 2013, 48, 1159-1165.	1.8	15
112	A rapid and environmentally friendly analytical method based on conductive polymer as extraction phase for disposable pipette extraction for the determination of hormones and polycyclic aromatic hydrocarbons in river water samples using high-performance liquid chromatography/diode array detection. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103156.	3.3	15
113	Application of poly(dimethylsiloxane) fiber sol-gel coated onto NiTi alloy electrodeposited with zirconium oxide for the determination of organochlorine pesticides in herbal infusions. <i>Journal of Separation Science</i> , 2008, 31, 2875-2881.	1.3	14
114	The Use of a Thin Glass-Ceramic Rod as a Surface for Sol-Gel Coating in the Preparation of SPME Fibers. <i>Chromatographia</i> , 2005, 61, 277-283.	0.7	13
115	Analysis of Volatile Compounds Released From Flowers and Roots of <i>Polygala cyparissias</i> and <i>Polygala paniculata</i> by Headspace/SPME. <i>Journal of Essential Oil Research</i> , 2009, 21, 255-258.	1.3	13
116	A low-voltage paper spray ionization QTOF-MS method for the qualitative analysis of NPS in street drug blotter samples. <i>Forensic Toxicology</i> , 2020, 38, 227-231.	1.4	13
117	Determination of bisphenol A: Old problem, recent creative solutions based on novel materials. <i>Journal of Separation Science</i> , 2021, 44, 1148-1173.	1.3	13
118	Determination of trihalomethanes in drinking water from three different water sources in Florianopolis-Brazil using purge and trap and gas chromatography. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 741-747.	0.6	12
119	Application of solid-phase microextraction and gas chromatography-mass spectrometry for the determination of chlorophenols in leather. <i>Journal of Separation Science</i> , 2012, 35, 602-607.	1.3	12
120	Magnetic ionic liquids as an efficient tool for the multiresidue screening of organic contaminants in river water samples. <i>Separation Science Plus</i> , 2019, 2, 51-58.	0.3	12
121	Exploring the Use of Switchable Hydrophilicity Solvents as Extraction Phase for the Determination of Food-Packaging Contaminants in Coconut Water Samples by Gas Chromatography-Mass Spectrometry. <i>Food Analytical Methods</i> , 2021, 14, 319-330.	1.3	12
122	Exploring the use of cork pellets in bar adsorptive microextraction for the determination of organochloride pesticides in water samples with gas chromatography/electron capture detection quantification. <i>Journal of Chromatography A</i> , 2021, 1645, 462099.	1.8	12
123	Determination of haloanisoles in paper samples for food packaging by solid-phase microextraction and gas chromatography. <i>Mikrochimica Acta</i> , 2007, 159, 229-234.	2.5	11
124	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
125	A semi-quantitative model through PLS-DA in the evaluation of carbendazim in grape juices. <i>Food Chemistry</i> , 2022, 368, 130742.	4.2	11
126	Glass fibers coated with Nb ₂ O ₅ for use in SPME. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 259, 15-22.	2.3	10

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