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List of Publications by Year
in descending order

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62	1,652	257450	302126
papers	citations	24 h-index	39 g-index

63	63	63	1588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Membrane-based microextraction techniques in analytical chemistry: A review. Analytica Chimica Acta, 2015, 880, 8-25.	5.4	134
2	Faster dispersive liquid-liquid microextraction methods using magnetic ionic liquids as solvents. Journal of Chromatography A, 2016, 1463, 11-19.	3.7	81
3	Cork as a new (green) coating for solid-phase microextraction: Determination of polycyclic aromatic hydrocarbons in water samples by gas chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2013, 772, 33-39.	5.4	75
4	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 chromatographyâ€“mass spectrometry procedure. Journal of Chromatography A, 2012, 1233, 22-29.	3.7	71
5	Single drop microextraction in a 96-well plate format: A step toward automated and high-throughput analysis. Analytica Chimica Acta, 2019, 1063, 159-166.	5.4	67
6	Crosslinked polymeric ionic liquids as solid-phase microextraction sorbent coatings for high performance liquid chromatography. Journal of Chromatography A, 2016, 1438, 10-21.	3.7	60
7	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. Analytical and Bioanalytical Chemistry, 2018, 410, 4689-4699.	3.7	58
8	Use of green coating (cork) in solid-phase microextraction for the determination of organochlorine pesticides in water by gas chromatography-electron capture detection. Talanta, 2015, 134, 409-414.	5.5	55
9	A recent overview of the application of liquid-phase microextraction to the determination of organic micro-pollutants. TrAC - Trends in Analytical Chemistry, 2018, 108, 203-209.	11.4	55
10	Basic principles, recent trends and future directions of microextraction techniques for the analysis of aqueous environmental samples. Trends in Environmental Analytical Chemistry, 2018, 19, e00060.	10.3	53
11	A novel approach to bar adsorptive microextraction: Cork as extractor phase for determination of benzophenone, triclocarban and parabens in aqueous samples. Analytica Chimica Acta, 2015, 888, 59-66.	5.4	52
12	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. Analytica Chimica Acta, 2017, 996, 29-37.	5.4	50
13	Sustainable green solvents for microextraction techniques: Recent developments and applications. Journal of Chromatography A, 2021, 1640, 461944.	3.7	46
14	Determination of volatile profile of citrus fruit by HS-SPME/GC-MS with oxidized NiTi fibers using two temperatures in the same extraction procedure. Microchemical Journal, 2013, 109, 128-133.	4.5	45
15	Screening of volatile compounds in honey using a new sampling strategy combining multiple extraction temperatures in a single assay by HS-SPMEâ€“GCâ€“MS. Food Chemistry, 2014, 145, 1061-1065.	8.2	37
16	Expanding the applicability of cork as extraction phase for disposable pipette extraction in multiresidue analysis of pharmaceuticals in urine samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1102-1103, 159-166.	2.3	36
17	Novel analytical procedure using a combination of hollow fiber supported liquid membrane and dispersive liquidâ€“liquid microextraction for the determination of aflatoxins in soybean juice by high performance liquid chromatography â€“ Fluorescence detector. Food Chemistry, 2016, 196, 292-300.	8.2	35
18	A low-cost biosorbent-based coating for the highly sensitive determination of organochlorine pesticides by solid-phase microextraction and gas chromatography-electron capture detection. Journal of Chromatography A, 2017, 1525, 23-31.	3.7	34

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19	Simultaneous determination of trihalomethanes and organochlorine pesticides in water samples by direct immersion-headspace-solid phase microextraction. Journal of Chromatography A, 2013, 1321, 30-37.	3.7	33
20	A hybrid material as a sorbent phase for the disposable pipette extraction technique enhances efficiency in the determination of phenolic endocrine-disrupting compounds. Journal of Chromatography A, 2017, 1513, 42-50.	3.7	33
21	An effective and high-throughput analytical methodology for pesticide screening in human urine by disposable pipette extraction and gas chromatography â€“ mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1092, 459-465.	2.3	33
22	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1118-1119, 17-24.	2.3	27
23	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1143, 122069.	2.3	26
24	A green and simple sample preparation method to determine pesticides in rice using a combination of SPME and rotating disk sorption devices. Analytica Chimica Acta, 2019, 1069, 57-65.	5.4	25
25	Hollow-fiber renewal liquid membrane extraction coupled with 96-well plate system as innovative high-throughput configuration forÂthe determination of endocrine disrupting compounds by high-performance liquid chromatography-fluorescence and diode array detection. Analytica Chimica Acta, 2018, 1040, 33-40.	5.4	23
26	Use of two different coating temperatures for a cold fiber headspace solidâ€phase microextraction system to determine the volatile profile of Brazilian medicinal herbs. Journal of Separation Science, 2013, 36, 1410-1417.	2.5	22
27	Frog Volatile Compounds: Application of in vivo SPME for the Characterization of the Odorous Secretions from Two Species of Hypsiboas Treefrogs. Journal of Chemical Ecology, 2015, 41, 360-372.	1.8	22
28	Low-cost approach to increase the analysis throughput of bar adsorptive microextraction (BAÂµE) combined with environmentally-friendly renewable sorbent phase of recycled diatomaceous earth. Talanta, 2018, 178, 886-893.	5.5	22
29	Metal-containing and magnetic ionic liquids in analytical extractions and gas separations. TrAC - Trends in Analytical Chemistry, 2021, 140, 116275.	11.4	21
30	A review on recent applications of deep eutectic solvents in microextraction techniques for the analysis of biological matrices. Advances in Sample Preparation, 2022, 1, 100007.	3.0	21
31	Use of Doehlert design in the optimization of extraction conditions in the determination of organochlorine pesticides in bovine milk samples by HS-SPME. Analytical Methods, 2014, 6, 3254-3260.	2.7	20
32	A natural and renewable biosorbent phase as a lowâ€cost approach in disposable pipette extraction technique for the determination of emerging contaminants in lake water samples. Journal of Separation Science, 2019, 42, 1404-1411.	2.5	20
33	High-throughput approach for the in situ generation of magnetic ionic liquids in parallel-dispersive droplet extraction of organic micropollutants in aqueous environmental samples. Talanta, 2021, 223, 121759.	5.5	19
34	Designing a green device to BAÎ¼E: Recycled cork pellet as extraction phase for the determination of parabens in river water samples. Talanta, 2020, 219, 121369.	5.5	18
35	Expanding the applicability of magnetic ionic liquids for multiclass determination in biological matrices based on dispersive liquidâ€“liquid microextraction and HPLC with diode array detector analysis. Journal of Separation Science, 2020, 43, 2657-2665.	2.5	17
36	A proofâ€ofâ€concept of parallel singleâ€drop microextraction for the rapid and sensitive biomonitoring of pesticides in urine. Journal of Separation Science, 2021, 44, 1961-1968.	2.5	17

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37	An overview of magnetic ionic liquids: From synthetic strategies to applications in microextraction techniques. Journal of Separation Science, 2022, 45, 258-281.	2.5	17
38	Determination of compounds with varied volatilities from aqueous samples using a polymeric ionic liquid sorbent coating by direct immersion-headspace solid-phase microextraction. Analytical Methods, 2016, 8, 4108-4118.	2.7	16
39	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. Journal of Environmental Chemical Engineering, 2019, 7, 103156.	6.7	15
40	A low-voltage paper spray ionization QTOF-MS method for the qualitative analysis of NPS in street drug blotter samples. Forensic Toxicology, 2020, 38, 227-231.	2.4	13
41	Magnetic ionic liquids as an efficient tool for the multiresidue screening of organic contaminants in river water samples. Separation Science Plus, 2019, 2, 51-58.	0.6	12
42	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. Food Analytical Methods, 2021, 14, 319-330.	2.6	12
43	Development of a fast screening method for the direct determination of chlorinated persistent organic pollutants in fish oil by high-resolution continuum source graphite furnace molecular absorption spectrometry. Food Control, 2017, 78, 456-462.	5.5	11
44	Evaluation of two membrane-based microextraction techniques for the determination of endocrine disruptors in aqueous samples by HPLC with diode array detection. Journal of Separation Science, 2017, 40, 4431-4438.	2.5	10
45	A straightforward and semiautomated membrane-based method as efficient tool for the determination of cocaine and its metabolites in urine samples using liquid chromatography coupled to quadrupole time-of-flight-mass spectrometry. Journal of Chromatography A, 2020, 1621, 461088.	3.7	10
46	Application of disposable starch-based platforms for sample introduction and determination of refractory elements using graphite furnace atomic absorption spectrometry and direct solid sample analysis. Journal of Analytical Atomic Spectrometry, 2015, 30, 381-388.	3.0	9
47	Evaluation of volatile profiles obtained for minimally-processed pineapple fruit samples during storage by headspace-solid phase microextraction gas chromatography-mass spectrometry. Food Science and Technology, 2017, 37, 663-672.	1.7	9
48	Simple and straightforward analysis of cannabinoids in medicinal products by fast-GCâ€“FID. Forensic Toxicology, 2020, 38, 531-535.	2.4	9
49	Application of Homogeneous Liquidâ€“Liquid Microextraction With Switchable Hydrophilicity Solvents to the Determination of MDMA, MDA and NBOMes in Postmortem Blood Samples. Journal of Analytical Toxicology, 2022, 46, 776-782.	2.8	8
50	Application of a robust solid-phase microextraction fiber consisting of NiTi wires coated with polypyrrole for the determination of haloanisoles in water and wine. Analytical Methods, 2016, 8, 5503-5510.	2.7	6
51	Determination of pesticides of different chemical classes in drinking water of the state of Santa Catarina (Brazil) using solid-phase microextraction coupled to chromatographic determinations. Environmental Science and Pollution Research, 2020, 27, 43870-43883.	5.3	5
52	Ionic liquids. , 2021, , 427-451.		5
53	Assessment of a Fully Optimized DPX-Based Procedure for the Multiclass Determination of Pesticides in Drinking Water Using High-Performance Liquid Chromatography with Diode Array Detection. Journal of the Brazilian Chemical Society, 0, , .	0.6	4
54	Emerging micropollutants determination by NIR spectroscopy using pseudo-univariate calibration and TF-SPME coupled with 96-well plate system. Microchemical Journal, 2020, 155, 104789.	4.5	4

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55	Assessment of a natural extraction phase in disposable pipette extraction coupled with the sub-minute determination of 11-nor-Î”9-tetrahydrocannabinol-9-carboxylic acid in human urine by fast-GC-FID. Sustainable Chemistry and Pharmacy, 2021, 20, 100390.	3.3	4
56	Use of a Natural Sorbent as Alternative Solid-Phase Microextraction Coating for the Determination of Polycyclic Aromatic Hydrocarbons in Water Samples by Gas Chromatography-Mass Spectrometry. Journal of the Brazilian Chemical Society, 2018, , .	0.6	3
57	Extraction and on-fiber derivatization of chlorophenols in leather by internally cooled solid phase microextraction. Journal of the Brazilian Chemical Society, 2012, 23, 2232-2236.	0.6	3
58	Electrode Modified with the Ionic Liquid [P6,6,6,14+]2[MnCl42-] for the Determination of Bisphenol A in Plastic Samples. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
59	Estrogens determination through disposable pipette extraction coupled to ultraviolet spectroscopy and nonlinear pseudoâ€univariate calibration: Solving rank deficiency problems. Journal of Chemometrics, 2020, 34, e3276.	1.3	1
60	A Rapid Analytical Approach for Monitoring Pharmaceuticals in Hospital Wastewaterâ€”A DPX-Based Procedure with Environmentally-Friendly Extraction Phase Coupled to High Performance Liquid Chromatographyâ€“Diode Array/Fluorescence Detectors. Separations, 2021, 8, 109.	2.4	1
61	Study of Viability of Solid-Phase Microextraction, in vivo, in the Extraction of Microbial Volatile Organic Compounds Associated to the Pigment Production Process by the Monascus Fungus, in Submerged Fermentation. Journal of the Brazilian Chemical Society, 2016, , .	0.6	0
62	Simultaneous Determination of Environmental Contaminants with Different Volatilities in Tap Water Samples Using a New Approach to Single-Drop Microextraction Procedure. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0