

Idaira Pacheco-Fernández

List of Publications by Year in descending order

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887
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687220

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31
docs citations

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times ranked

952
citing authors

#	ARTICLE	IF	CITATIONS
1	Are metal-organic frameworks able to provide a new generation of solid-phase microextraction coatings? A review. <i>Analytica Chimica Acta</i> , 2016, 939, 26-41.	2.6	171
2	Green solvents in analytical chemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019, 18, 42-50.	3.2	141
3	Metal-Organic Frameworks as Key Materials for Solid-Phase Microextraction Devices A Review. <i>Separations</i> , 2019, 6, 47.	1.1	74
4	Utilization of highly robust and selective crosslinked polymeric ionic liquid-based sorbent coatings in direct-immersion solid-phase microextraction and high-performance liquid chromatography for determining polar organic pollutants in waters. <i>Talanta</i> , 2016, 158, 125-133.	2.9	60
5	Insights into coacervative and dispersive liquid-phase microextraction strategies with hydrophilic media A review. <i>Analytica Chimica Acta</i> , 2021, 1143, 225-249.	2.6	45
6	Evolution and current advances in sorbent-based microextraction configurations. <i>Journal of Chromatography A</i> , 2020, 1634, 461670.	1.8	44
7	Biopolymers in sorbent-based microextraction methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 125, 115839.	5.8	41
8	Guanidinium ionic liquid-based surfactants as low cytotoxic extractants: Analytical performance in an in-situ dispersive liquid-liquid microextraction method for determining personal care products. <i>Journal of Chromatography A</i> , 2018, 1559, 102-111.	1.8	31
9	Green solid-phase microextraction fiber coating based on the metal-organic framework CIM-80(Al): Analytical performance evaluation in direct immersion and headspace using gas chromatography and mass spectrometry for the analysis of water, urine and brewed coffee. <i>Analytica Chimica Acta</i> , 2020, 1133, 137-149.	2.6	30
10	Zwitterionic polymeric ionic liquid-based sorbent coatings in solid phase microextraction for the determination of short chain free fatty acids. <i>Talanta</i> , 2019, 200, 415-423.	2.9	28
11	A Simple in vivo Assay Using Amphipods for the Evaluation of Potential Biocompatible Metal-Organic Frameworks. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 584115.	2.0	28
12	Salt-induced ionic liquid-based microextraction using a low cytotoxic guanidinium ionic liquid and liquid chromatography with fluorescence detection to determine monohydroxylated polycyclic aromatic hydrocarbons in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4701-4713.	1.9	25
13	Role of Ionic Liquids in Composites in Analytical Sample Preparation. <i>Separations</i> , 2020, 7, 37.	1.1	23
14	Headspace solid-phase microextraction based on the metal-organic framework CIM-80(Al) coating to determine volatile methylsiloxanes and musk fragrances in water samples using gas chromatography and mass spectrometry. <i>Talanta</i> , 2021, 232, 122440.	2.9	21
15	Extraction With Ionic Liquids-Organic Compounds. , 2020, , 499-537.		14
16	Anti- Acanthamoeba activity of Tunisian Thymus capitatus essential oil and organic extracts. <i>Experimental Parasitology</i> , 2017, 183, 231-235.	0.5	13
17	Ionic liquid-based miniaturized aqueous biphasic system to develop an environmental-friendly analytical preconcentration method. <i>Talanta</i> , 2019, 203, 305-313.	2.9	13
18	Evaluation of Structurally Different Ionic Liquid-Based Surfactants in a Green Microwave-Assisted Extraction for the Flavonoids Profile Determination of Mangifera sp. and Passiflora sp. Leaves from Canary Islands. <i>Molecules</i> , 2020, 25, 4734.	1.7	12

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19	A guanidinium ionic liquid-based surfactant as an adequate solvent to separate and preconcentrate cadmium and copper in water using <i>in situ</i> dispersive liquid-liquid microextraction. <i>Analytical Methods</i> , 2018, 10, 1529-1537.	1.3	11
20	Trends offered by ionic liquid-based surfactants: Applications in stabilization, separation processes, and within the petroleum industry. <i>Separation and Purification Reviews</i> , 2023, 52, 164-192.	2.8	11
21	Sustainable Micro-Scale Extraction of Bioactive Phenolic Compounds from <i>Vitis vinifera</i> Leaves with Ionic Liquid-Based Surfactants. <i>Molecules</i> , 2020, 25, 3072.	1.7	10
22	Use of a pH-sensitive polymer in a microextraction and preconcentration method directly combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1619, 460910.	1.8	10
23	Ionic Liquid-based Surfactants: A Step Forward. <i>RSC Smart Materials</i> , 2017, , 53-78.	0.1	8
24	Monitoring trihalomethanes in chlorinated waters using a dispersive liquid-liquid microextraction method with a non-chlorinated organic solvent and gas chromatography-mass spectrometry. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 718-729.	1.2	5
25	A green miniaturized aqueous biphasic system prepared with cholinium chloride and a phosphate salt to extract and preconcentrate personal care products in wastewater samples. <i>Journal of Chromatography A</i> , 2021, 1648, 462219.	1.8	3
26	Metallic Coatings in Solid-Phase Microextraction: Environmental Applications. , 2018, , 217-243.		2
27	Ionic liquids and derivatives in gas chromatography. , 2016, , 45-82.		1
28	Reticular materials in sorbent-based extraction methods. , 2021, , 323-376.		1
29	Magnetic ionic liquids in analytical sample separation techniques. , 2022, , 141-170.		1