Jose A Lopez-Lopez

List of Publications by Year
in descending order

33	538	566801 15	676716 22
papers	citations	h-index	g-index

34	34	34	557
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid membranes for quantification and speciation of trace metals in natural waters. TrAC - Trends in Analytical Chemistry, 2010, 29, 645-653.	5.8	53
2	Advances in ionic liquids and deep eutectic solvents-based liquid phase microextraction of metals for sample preparation in Environmental Analytical Chemistry. TrAC - Trends in Analytical Chemistry, 2021, 143, 116398.	5.8	41
3	Novel 3-Hydroxy-2-Naphthoate-Based Task-Specific Ionic Liquids for an Efficient Extraction of Heavy Metals. Frontiers in Chemistry, 2018, 6, 172.	1.8	35
4	Application of solvent-bar micro-extraction for the determination ofÂorganic and inorganic compounds. TrAC - Trends in Analytical Chemistry, 2019, 110, 57-65.	5.8	32
5	Simple hollow fiber liquid membrane based pre-concentration of silver for atomic absorption spectrometry. Analytical Methods, 2014, 6, 1462-1467.	1.3	24
6	Ionic liquid solvent bar micro-extraction of CdCln(nâ^'2)- species for ultra-trace Cd determination in seawater. Chemosphere, 2018, 193, 306-312.	4.2	24
7	Metals removal from acid mine drainage (Tinto River, SW Spain) by water gap and air gap membrane distillation. Journal of Membrane Science, 2019, 582, 20-29.	4.1	24
8	A chemometric approach to the evaluation of atmospheric and fluvial pollutant inputs in aquatic systems: The Guadalquivir River estuary as a case study. Environmental Pollution, 2011, 159, 1136-1143.	3.7	22
9	Solvent bar micro-extraction: Improving hollow fiber liquid phase micro-extraction applicability in the determination of Ni in seawater samples. Talanta, 2015, 142, 84-89.	2.9	22
10	Solvent bar micro-extraction (SBME) based determination of PAHs in seawater samples. Science of the Total Environment, 2017, 598, 58-63.	3.9	22
11	Multi-elemental ionic liquid-based solvent bar micro-extraction of priority and emerging trace metallic pollutants (Cd, Ag, Pd) in natural waters. Journal of Hazardous Materials, 2019, 370, 63-69.	6.5	22
12	Ionic liquid based solvent micro-extraction of Ag and Cd from saline and hyper-saline waters. Chemical Engineering Journal, 2017, 308, 649-655.	6.6	21
13	Solvent bar micro-extraction with graphite atomic absorption spectrometry for the determination of silver in ocean water. Talanta, 2016, 159, 117-121.	2.9	20
14	A new analytical method for selective pre-concentration of free silver in estuarine waters using liquid membranes. Talanta, 2013, 108, 7-10.	2.9	15
15	Three-phase solvent bar micro-extraction as an approach to silver ultra-traces speciation in estuarine water samples. Talanta, 2015, 132, 382-386.	2.9	15
16	Solvent Bar Micro-Extraction of Heavy Metals from Natural Water Samples Using 3-Hydroxy-2-Naphthoate-Based Ionic Liquids. Molecules, 2018, 23, 3011.	1.7	15
17	Selective ionic liquid solvent bar micro-extraction for estimation of ultra-trace silver fractions in marine waters. Science of the Total Environment, 2019, 650, 27-33.	3.9	15
18	Solvent bar micro-extraction for greener application of task specific ionic liquids in multi-elemental extraction. Journal of Cleaner Production, 2018, 201, 22-27.	4.6	14

#	Article	IF	Citations
19	Synthesis of chlorinated Î²- and Î³-lactones from unsaturated acids with sodium hypochlorite and Lewis acids. Tetrahedron Letters, 2007, 48, 1749-1752.	0.7	13
20	Simplification of Iron Speciation in Wine Samples: A Spectrophotometric Approach. Journal of Agricultural and Food Chemistry, 2015, 63, 4545-4550.	2.4	13
21	Multi-way analysis for decadal pollution trends assessment: The Guadalquivir River estuary as a case study. Chemosphere, 2014, 111, 47-54.	4.2	12
22	Selective liquid phase micro-extraction of metal chloro-complexes from saline waters using ionic liquids. Journal of Cleaner Production, 2020, 262, 121415.	4.6	11
23	Atmospheric influence on the distribution of organic pollutants in the Guadalquivir River estuary, SW Spain. Environmental Monitoring and Assessment, 2013, 185, 3209-3218.	1.3	10
24	Compositional and structural analysis of engineered stones and inorganic particles in silicotic nodules of exposed workers. Particle and Fibre Toxicology, 2021, 18, 41.	2.8	9
25	Heavy Metal Extraction under Environmentally Relevant Conditions Using 3-Hydroxy-2-Naphthoate-Based Ionic Liquids: Extraction Capabilities vs. Acute Algal Toxicity. Applied Sciences (Switzerland), 2020, 10, 3157.	1.3	8
26	Selective solvent bar micro-extraction as a single-step approach for the measurement of Cu fractions in seawater. Analytical and Bioanalytical Chemistry, 2020, 412, 1863-1870.	1.9	8
27	A simple and economical spectrofluorimetric alternative for Al routine analysis in seafood. Talanta, 2018, 182, 210-217.	2.9	6
28	A new contamination-free method for the determination of traces of anthropogenic silver in freshwaters. International Journal of Environmental Analytical Chemistry, 2012, 92, 636-643.	1.8	5
29	A liquid micro-extraction based one-step method for the chemical fractionation of copper in seawater. Journal of Hazardous Materials, 2022, 430, 128505.	6.5	3
30	Miniaturized and direct spectrophotometric multi-sample analysis of trace metals in natural waters. Analytical Biochemistry, 2016, 497, 18-23.	1.1	2
31	A Critical Study of the Effect of Polymeric Fibers on the Performance of Supported Liquid Membranes in Sample Microextraction for Metals Analysis. Membranes, 2020, 10, 275.	1.4	2
32	Liquid phase micro-extraction: Towards the green methodology for ultratrace metals determination in aquatic ecosystems. E3S Web of Conferences, 2013, 1, 09002.	0.2	0
33	Assessing pollution trends in the Guadalquivir River estuary using N-way analysis. E3S Web of Conferences, 2013, 1, 24005.	0.2	0