

# Elena Fernández Martínez

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

349  
citations

932766

10  
h-index

1281420

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mercury determination in urine samples by gold nanostructured screen-printed carbon electrodes after vortex-assisted ionic liquid dispersive liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , 2016, 915, 49-55.	2.6	57
2	Zeolite/iron oxide composite as sorbent for magnetic solid-phase extraction of benzene, toluene, ethylbenzene and xylenes from water samples prior to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1458, 18-24.	1.8	49
3	Zeolites and zeolite-based materials in extraction and microextraction techniques. <i>Analyst, The</i> , 2019, 144, 366-387.	1.7	48
4	Hydrophilic magnetic ionic liquid for magnetic headspace single-drop microextraction of chlorobenzenes prior to thermal desorption-gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4679-4687.	1.9	40
5	Screen-printed electrode based electrochemical detector coupled with ionic liquid dispersive liquid-liquid microextraction and microvolume back-extraction for determination of mercury in water samples. <i>Talanta</i> , 2015, 135, 34-40.	2.9	38
6	Screen-printed electrode-based electrochemical detector coupled with in-situ ionic-liquid-assisted dispersive liquid-liquid microextraction for determination of 2,4,6-trinitrotoluene. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2197-2204.	1.9	31
7	Rapid determination of hydrophilic phenols in olive oil by vortex-assisted reversed-phase dispersive liquid-liquid microextraction and screen-printed carbon electrodes. <i>Talanta</i> , 2018, 181, 44-51.	2.9	24
8	Magnetic headspace adsorptive extraction of chlorobenzenes prior to thermal desorption gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 971, 40-47.	2.6	21
9	Complexation-mediated electromembrane extraction of highly polar basic drugs—a fundamental study with catecholamines in urine as model system. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4215-4223.	1.9	19
10	Magnetic dispersive solid-phase extraction using a zeolite-based composite for direct electrochemical determination of lead(II) in urine using screen-printed electrodes. <i>Mikrochimica Acta</i> , 2020, 187, 87.	2.5	17
11	Liquid-Phase Extraction and Microextraction. , 2014, , 107-152.		3
12	Vitamin E determination in edible oils by reversed-phase dispersive liquid-liquid microextraction and screen-printed carbon electrodes. <i>Advances in Sample Preparation</i> , 2022, 1, 100005.	1.1	2