

Noelia Ramirez

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,364
citations

394286

19
h-index

526166

27
g-index

29
all docs

29
docs citations

29
times ranked

2124
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic risk assessment of exposure to volatile organic compounds in the atmosphere near the largest Mediterranean industrial site. <i>Environment International</i> , 2012, 39, 200-209.	4.8	217
2	Risk Assessment Related to Atmospheric Polycyclic Aromatic Hydrocarbons in Gas and Particle Phases near Industrial Sites. <i>Environmental Health Perspectives</i> , 2011, 119, 1110-1116.	2.8	170
3	eRah: A Computational Tool Integrating Spectral Deconvolution and Alignment with Quantification and Identification of Metabolites in GC/MS-Based Metabolomics. <i>Analytical Chemistry</i> , 2016, 88, 9821-9829.	3.2	101
4	Biomarkers of Exposure to Secondhand and Thirdhand Tobacco Smoke: Recent Advances and Future Perspectives. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2693.	1.2	89
5	Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers. <i>Environment International</i> , 2014, 71, 139-147.	4.8	87
6	Comparative study of solvent extraction and thermal desorption methods for determining a wide range of volatile organic compounds in ambient air. <i>Talanta</i> , 2010, 82, 719-727.	2.9	65
7	Determination of parabens in house dust by pressurised hot water extraction followed by stir bar sorptive extraction and thermal desorption-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 6226-6231.	1.8	62
8	Signal preprocessing, multivariate analysis and software tools for MA(LDI)-TOF mass spectrometry imaging for biological applications. <i>Mass Spectrometry Reviews</i> , 2018, 37, 281-306.	2.8	58
9	Determination of nicotine and N-nitrosamines in house dust by pressurized liquid extraction and comprehensive gas chromatography-Nitrogen chemiluminescence detection. <i>Journal of Chromatography A</i> , 2012, 1219, 180-187.	1.8	57
10	Development of a thermal desorption-gas chromatography-mass spectrometry method for determining personal care products in air. <i>Journal of Chromatography A</i> , 2010, 1217, 4430-4438.	1.8	55
11	Simultaneous determination of 76 micropollutants in water samples by headspace solid phase microextraction and gas chromatography-mass spectrometry. <i>Talanta</i> , 2013, 116, 937-945.	2.9	51
12	Estimated Exposure Risks from Carcinogenic Nitrosamines in Urban Airborne Particulate Matter. <i>Environmental Science & Technology</i> , 2015, 49, 9648-9656.	4.6	51
13	Simultaneous determination of parabens and synthetic musks in water by stir-bar sorptive extraction and thermal desorption-gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 580-588.	1.3	49
14	Development of a stir bar sorptive extraction and thermal desorption-gas chromatography-mass spectrometry method for determining synthetic musks in water samples. <i>Journal of Chromatography A</i> , 2011, 1218, 156-161.	1.8	47
15	rMSI: an R package for MS imaging data handling and visualization. <i>Bioinformatics</i> , 2017, 33, 2427-2428.	1.8	36
16	Determination of volatile organic compounds in industrial wastewater plant air emissions by multi-sorbent adsorption and thermal desorption-gas chromatography-mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 911-928.	1.8	31
17	Compound identification in gas chromatography/mass spectrometry-based metabolomics by blind source separation. <i>Journal of Chromatography A</i> , 2015, 1409, 226-233.	1.8	26
18	Assessing the potential of sputtered gold nanolayers in mass spectrometry imaging for metabolomics applications. <i>PLoS ONE</i> , 2018, 13, e0208908.	1.1	25

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19	Comparative study of comprehensive gas chromatography-nitrogen chemiluminescence detection and gas chromatography-ion trap-tandem mass spectrometry for determining nicotine and carcinogen organic nitrogen compounds in thirdhand tobacco smoke. <i>Journal of Chromatography A</i> , 2015, 1426, 191-200.	1.8	20
20	Unravelling and Quantifying the "NMR-Invisible" Metabolites Interacting with Human Serum Albumin by Binding Competition and T2 Relaxation-Based Decomposition Analysis. <i>Journal of Proteome Research</i> , 2017, 16, 1847-1856.	1.8	12
21	Chemical changes in thirdhand smoke associated with remediation using an ozone generator. <i>Environmental Research</i> , 2021, 198, 110462.	3.7	12
22	Toxicity of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) in early development: A wide-scope metabolomics assay in zebrafish embryos. <i>Journal of Hazardous Materials</i> , 2022, 429, 127746.	6.5	10
23	Automated resolution of chromatographic signals by independent component analysis"orthogonal signal deconvolution in comprehensive gas chromatography/mass spectrometry-based metabolomics. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 130, 135-141.	2.6	9
24	A self-consistent, multivariate method for the determination of gas-phase rate coefficients, applied to reactions of atmospheric VOCs and the hydroxyl radical. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4039-4054.	1.9	9
25	Unravelling the metabolic alterations of liver damage induced by thirdhand smoke. <i>Environment International</i> , 2021, 146, 106242.	4.8	9
26	Thirdhand Smoke: A Ubiquitous Hidden Threat in Pandemic Times. <i>Archivos De Bronconeumologia</i> , 2021, 57, 569-570.	0.4	4
27	rMSIKeylon: An Ion Filtering R Package for Untargeted Analysis of Metabolomic LDI-MS Images. <i>Metabolites</i> , 2019, 9, 162.	1.3	2