Noelia Ramirez

List of Publications by Year
in descending order

27	1,364	394286	526166
papers	citations	19	27
		h-index	g-index

29	29	29	2124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Toxicity of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) in early development: A wide-scope metabolomics assay in zebrafish embryos. Journal of Hazardous Materials, 2022, 429, 127746.	6.5	10
2	Unravelling the metabolic alterations of liver damage induced by thirdhand smoke. Environment International, 2021, 146, 106242.	4.8	9
3	Chemical changes in thirdhand smoke associated with remediation using an ozone generator. Environmental Research, 2021, 198, 110462.	3.7	12
4	Thirdhand Smoke: A Ubiquitous Hidden Threat in Pandemic Times. Archivos De Bronconeumologia, 2021, 57, 569-570.	0.4	4
5	rMSIKeylon: An Ion Filtering R Package for Untargeted Analysis of Metabolomic LDI-MS Images. Metabolites, 2019, 9, 162.	1.3	2
6	A self-consistent, multivariate method for the determination of gas-phase rate coefficients, applied to reactions of atmospheric VOCs and the hydroxyl radical. Atmospheric Chemistry and Physics, 2018, 18, 4039-4054.	1.9	9
7	Signal preprocessing, multivariate analysis and software tools for MA(LDI)â€TOF mass spectrometry imaging for biological applications. Mass Spectrometry Reviews, 2018, 37, 281-306.	2.8	58
8	Assessing the potential of sputtered gold nanolayers in mass spectrometry imaging for metabolomics applications. PLoS ONE, 2018, 13, e0208908.	1.1	25
9	Biomarkers of Exposure to Secondhand and Thirdhand Tobacco Smoke: Recent Advances and Future Perspectives. International Journal of Environmental Research and Public Health, 2018, 15, 2693.	1.2	89
10	rMSI: an R package for MS imaging data handling and visualization. Bioinformatics, 2017, 33, 2427-2428.	1.8	36
11	Unravelling and Quantifying the â€œNMR-Invisibleâ€•Metabolites Interacting with Human Serum Albumin by Binding Competition and T2 Relaxation-Based Decomposition Analysis. Journal of Proteome Research, 2017, 16, 1847-1856.	1.8	12
12	eRah: A Computational Tool Integrating Spectral Deconvolution and Alignment with Quantification and Identification of Metabolites in GC/MS-Based Metabolomics. Analytical Chemistry, 2016, 88, 9821-9829.	3.2	101
13	Automated resolution of chromatographic signals by independent component analysisâ€"orthogonal signal deconvolution in comprehensive gas chromatography/mass spectrometry-based metabolomics. Computer Methods and Programs in Biomedicine, 2016, 130, 135-141.	2.6	9
14	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. Journal of Chromatography A, 2015, 1426, 191-200.	1.8	20
15	Compound identification in gas chromatography/mass spectrometry-based metabolomics by blind source separation. Journal of Chromatography A, 2015, 1409, 226-233.	1.8	26
16	Estimated Exposure Risks from Carcinogenic Nitrosamines in Urban Airborne Particulate Matter. Environmental Science & Technology, 2015, 49, 9648-9656.	4.6	51
17	Exposure to nitrosamines in thirdhand tobacco smoke increases cancer risk in non-smokers. Environment International, 2014, 71, 139-147.	4.8	87
18	Simultaneous determination of 76 micropollutants in water samples by headspace solid phase microextraction and gas chromatographyâ€"mass spectrometry. Talanta, 2013, 116, 937-945.	2.9	51

#	Article	IF	Citations
19	Chronic risk assessment of exposure to volatile organic compounds in the atmosphere near the largest Mediterranean industrial site. Environment International, 2012, 39, 200-209.	4.8	217
20	Determination of nicotine and N-nitrosamines in house dust by pressurized liquid extraction and comprehensive gas chromatographyâ€"Nitrogen chemiluminiscence detection. Journal of Chromatography A, 2012, 1219, 180-187.	1.8	57
21	Simultaneous determination of parabens and synthetic musks in water by stirâ€bar sorptive extraction and thermal desorptionâ€gas chromatographyâ€mass spectrometry. Journal of Separation Science, 2012, 35, 580-588.	1.3	49
22	Determination of volatile organic compounds in industrial wastewater plant air emissions by multi-sorbent adsorption and thermal desorption-gas chromatography-mass spectrometry. International Journal of Environmental Analytical Chemistry, 2011, 91, 911-928.	1.8	31
23	Determination of parabens in house dust by pressurised hot water extraction followed by stir bar sorptive extraction and thermal desorptionâ€"gas chromatographyâ€"mass spectrometry. Journal of Chromatography A, 2011, 1218, 6226-6231.	1.8	62
24	Development of a stir bar sorptive extraction and thermal desorptionâ€"gas chromatographyâ€"mass spectrometry method for determining synthetic musks in water samples. Journal of Chromatography A, 2011, 1218, 156-161.	1.8	47
25	Risk Assessment Related to Atmospheric Polycyclic Aromatic Hydrocarbons in Gas and Particle Phases near Industrial Sites. Environmental Health Perspectives, 2011, 119, 1110-1116.	2.8	170
26	Development of a thermal desorption-gas chromatographyâ€"mass spectrometry method for determining personal care products in air. Journal of Chromatography A, 2010, 1217, 4430-4438.	1.8	55
27	Comparative study of solvent extraction and thermal desorption methods for determining a wide range of volatile organic compounds in ambient air. Talanta, 2010, 82, 719-727.	2.9	65