

Eva Gorrochategui

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

581
citations

1163117

8
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Data analysis strategies for targeted and untargeted LC-MS metabolomic studies: Overview and workflow. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 425-442.	11.4	240
2	Perfluorinated chemicals: Differential toxicity, inhibition of aromatase activity and alteration of cellular lipids in human placental cells. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 124-130.	2.8	125
3	ROIMCR: a powerful analysis strategy for LC-MS metabolomic datasets. <i>BMC Bioinformatics</i> , 2019, 20, 256.	2.6	62
4	Chemometric strategy for untargeted lipidomics: Biomarker detection and identification in stressed human placental cells. <i>Analytica Chimica Acta</i> , 2015, 854, 20-33.	5.4	36
5	Characterization of complex lipid mixtures in contaminant exposed JEG-3 cells using liquid chromatography and high-resolution mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11907-11916.	5.3	26
6	Perfluoroalkylated Substance Effects in <i>Xenopus laevis</i> A6 Kidney Epithelial Cells Determined by ATR-FTIR Spectroscopy and Chemometric Analysis. <i>Chemical Research in Toxicology</i> , 2016, 29, 924-932.	3.3	24
7	Diet-sourced carbon-based nanoparticles induce lipid alterations in tissues of zebrafish (<i>Danio rerio</i>). <i>Environmental Science and Pollution Research</i> , 2022, 29, 18905-18922.	2.6	22
8	A protocol for LC-MS metabolomic data processing using chemometric tools. <i>Protocol Exchange</i> , 2020, 1, 1-10.	0.3	20
9	Applications of Metabolomics Analysis in Environmental Research. <i>Comprehensive Analytical Chemistry</i> , 2018, 82, 533-582.	1.3	15
10	Temporal air quality (NO ₂ , O ₃ , and PM ₁₀) changes in urban and rural stations in Catalonia during COVID-19 lockdown: an association with human mobility and satellite data. <i>Environmental Science and Pollution Research</i> , 2022, 29, 18905-18922.	5.3	10
11	A model for simultaneous evaluation of NO ₂ , O ₃ , and PM ₁₀ pollution in urban and rural areas: handling incomplete data sets with multivariate curve resolution analysis. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 9111-9127.	4.9	1