

Javier González-Sáiz

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,329
citations

361413

20
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and applications of the QuEChERS method. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 169-185.	11.4	291
2	Nanomaterials as sorbents for food sample analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 203-220.	11.4	76
3	Microplastic debris in beaches of Tenerife (Canary Islands, Spain). <i>Marine Pollution Bulletin</i> , 2019, 146, 26-32.	5.0	73
4	Recent applications of nanomaterials in food safety. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 172-200.	11.4	66
5	Core-shell poly(dopamine) magnetic nanoparticles for the extraction of estrogenic mycotoxins from milk and yogurt prior to LC-MS analysis. <i>Food Chemistry</i> , 2017, 215, 362-368.	8.2	53
6	Microplastic-adsorbed organic contaminants: Analytical methods and occurrence. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 136, 116186.	11.4	52
7	Recycled wastewater as a potential source of microplastics in irrigated soils from an arid-insular territory (Fuerteventura, Spain). <i>Science of the Total Environment</i> , 2022, 817, 152830.	8.0	49
8	Menthol-Based Deep Eutectic Solvent Dispersive Liquid-Liquid Microextraction: A Simple and Quick Approach for the Analysis of Phthalic Acid Esters from Water and Beverage Samples. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8783-8794.	6.7	44
9	Determination of phthalic acid esters in water samples by hollow fiber liquid-phase microextraction prior to gas chromatography tandem mass spectrometry. <i>Chemosphere</i> , 2018, 201, 254-261.	8.2	42
10	Analytical methods for the determination of phthalates in food. <i>Current Opinion in Food Science</i> , 2018, 22, 122-136.	8.0	42
11	Analysis of multiclass pesticides in dried fruits using QuEChERS-gas chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2019, 297, 124961.	8.2	39
12	Use of Basolite® F300 metal-organic framework for the dispersive solid-phase extraction of phthalic acid esters from water samples prior to LC-MS determination. <i>Talanta</i> , 2019, 195, 236-244.	5.5	38
13	Determination of phthalic acid esters in water samples using core-shell poly(dopamine) magnetic nanoparticles and gas chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1530, 35-44.	3.7	33
14	Determination of phthalates in beverages using multiwalled carbon nanotubes dispersive solid-phase extraction before HPLC-MS. <i>Journal of Separation Science</i> , 2018, 41, 2613-2622.	2.5	30
15	Covalent Organic Frameworks in Sample Preparation. <i>Molecules</i> , 2020, 25, 3288.	3.8	30
16	Evaluation of two molecularly imprinted polymers for the solid-phase extraction of natural, synthetic and mycoestrogens from environmental water samples before liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 2692-2699.	2.5	26
17	Determination of phthalic acid esters in different baby food samples by gas chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5617-5628.	3.7	26
18	Analysis of phthalic acid esters in sea water and sea sand using polymer-coated magnetic nanoparticles as extraction sorbent. <i>Journal of Chromatography A</i> , 2020, 1611, 460620.	3.7	26

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19	Monitoring of meso and microplastic debris in Playa Grande beach (Tenerife, Canary Islands, Spain) during a moon cycle. <i>Marine Pollution Bulletin</i> , 2020, 150, 110757.	5.0	26
20	Extraction of phthalic acid esters from soft drinks and infusions by dispersive liquid-liquid microextraction based on the solidification of the floating organic drop using a menthol-based natural deep eutectic solvent. <i>Journal of Chromatography A</i> , 2021, 1646, 462132.	3.7	25
21	Microplastic pollution in sublittoral coastal sediments of a North Atlantic island: The case of La Palma (Canary Islands, Spain). <i>Chemosphere</i> , 2022, 288, 132530.	8.2	19
22	Deep Eutectic Solvents Application in Food Analysis. <i>Molecules</i> , 2021, 26, 6846.	3.8	19
23	Application of multiwalled carbon nanotubes as sorbents for the extraction of mycotoxins in water samples and infant milk formula prior to high performance liquid chromatography mass spectrometry analysis. <i>Electrophoresis</i> , 2016, 37, 1359-1366.	2.4	18
24	The current role of chromatography in microplastic research: Plastics chemical characterization and sorption of contaminants. <i>Journal of Chromatography Open</i> , 2021, 1, 100001.	2.2	17
25	Recent Advances and Developments in the QuEChERS Method. <i>Comprehensive Analytical Chemistry</i> , 2017, , 319-374.	1.3	16
26	Determination of phthalic acid esters and di(2-ethylhexyl) adipate in fish and squid using the ammonium formate version of the QuEChERS method combined with gas chromatography mass spectrometry. <i>Food Chemistry</i> , 2022, 380, 132174.	8.2	16
27	High-throughput analysis of pesticides in minor tropical fruits from Colombia. <i>Food Chemistry</i> , 2019, 280, 221-230.	8.2	15
28	Plastitar: A new threat for coastal environments. <i>Science of the Total Environment</i> , 2022, 839, 156261.	8.0	15
29	Arenas Blancas (El Hierro island), a new hotspot of plastic debris in the Canary Islands (Spain). <i>Marine Pollution Bulletin</i> , 2021, 169, 112548.	5.0	14
30	Quick, Easy, Cheap, Effective, Rugged, and Safe (QuEChERS) Extraction. , 2020, , 399-437.		12
31	Miniaturized green sample preparation approaches for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114405.	2.8	12
32	Assessment of microplastic content in <i>Diadema africanum</i> sea urchin from Tenerife (Canary Islands,) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5	8.0	12
33	The current binomial Sonochemistry-Analytical Chemistry. <i>Journal of Chromatography A</i> , 2020, 1614, 460511.	3.7	9
34	Application of stimuli-responsive materials for extraction purposes. <i>Journal of Chromatography A</i> , 2021, 1636, 461764.	3.7	8
35	Determination of pesticides in dried minor tropical fruits from Colombia using the Quick, Easy, Cheap, Effective, Rugged, and Safe methodâ€“gas chromatographyâ€“tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 929-935.	2.5	7
36	Microplastics Determination in Gastrointestinal Tracts of European Sea Bass (<i>Dicentrarchus labrax</i>) and Gilt-Head Sea Bream (<i>Sparus aurata</i>) from Tenerife (Canary Islands, Spain). <i>Polymers</i> , 2022, 14, 1931.	4.5	7

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37	Determination of phthalic acid esters and di(2-ethylhexyl) adipate in coffee obtained from capsules. Food Chemistry, 2022, 388, 132997.	8.2	5
38	Organophosphorus Pesticides (OPPs) in Bread and Flours. , 2019, , 53-70.		4
39	Microplastics: An Emerging and Challenging Research Field. Current Analytical Chemistry, 2021, 17, 894-901.	1.2	4
40	Analysis of pesticides in cherimoya and gulupa minor tropical fruits using AOAC 2007.1 and ammonium formate QuEChERS versions: A comparative study. Microchemical Journal, 2020, 157, 104950.	4.5	4
41	Extraction of Phthalic Acid Esters and Di(2-ethylhexyl) Adipate from Tap and Waste Water Samples Using Chromabond® HLB as Sorbent Prior to Gas Chromatography-Mass Spectrometry Analysis. Separations, 2020, 7, 21.	2.4	3
42	Carbon nanoparticles. , 2021, , 253-295.		2
43	Chapter 5. Application of Functionalized Magnetic Nanoparticles for Organic Analyte Extraction. , 2021, , 122-173.		1
44	Chain-Shattering Polymers as Degradable Microdispersive Solid-Phase Extraction Sorbents. Analytical Chemistry, 0, , .	6.5	1
45	Solvent-Based Extraction Techniques for the Analysis of Migrants From Plastic Food Contact Materials in Foods. , 2017, , .		0
46	New Trends in Analytical Sciences”Nanomaterials. , 2018, , 1-33.		0
47	Analysis of Pesticide Residues in Pollen and Dairy Products. Sustainable Agriculture Reviews, 2021, , 47-89.	1.1	0
48	MICROPLASTICS HOTSPOTS: A NEW WAY OF RAISING ENVIRONMENTAL AWARENESS. , 2021, , .		0
49	MICROPLASTICS ANALYSIS IN SEA URCHINS AS A FINAL DEGREE PROJECT. , 2021, , .		0
50	The Role of Chromatographic and Electromigration Techniques in Foodomics. Advances in Experimental Medicine and Biology, 2021, 1336, 31-49.	1.6	0
51	Preparation Methods and Advantages of Nano-Sorbents for Food Contaminants Determination. Food Engineering Series, 2020, , 49-96.	0.7	0
52	THE INTERDISCIPLINARY INTEGRATION OF SUSTAINABILITY AT UNIVERSITY LEVEL. , 2020, , .		0
53	IMPLEMENTING FINAL DEGREE PROJECTS WITH AN ENVIRONMENTAL PERSPECTIVE (MICROPLASTIC) Tj ETQq1 1 0.784314 rgBT /Overto		0
54	Sorbent-Based Microextraction Using Molecularly Imprinted Polymers. , 2021, , 193-204.		0