

MercÃ“ Granados

List of Publications by Year in descending order

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65
papers

2,567
citations

172207

29
h-index

197535

49
g-index

66
all docs

66
docs citations

66
times ranked

2825
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of rare earth elements from acidic mine waters: An unknown secondary resource. <i>Science of the Total Environment</i> , 2022, 810, 152258.	3.9	31
2	Recovery of Polyphenols from Agri-Food By-Products: The Olive Oil and Winery Industries Cases. <i>Foods</i> , 2022, 11, 362.	1.9	52
3	Integration of membrane processes for the recovery and separation of polyphenols from winery and olive mill wastes using green solvent-based processing. <i>Journal of Environmental Management</i> , 2022, 307, 114555.	3.8	29
4	Total Polyphenol Content in Food Samples and Nutraceuticals: Antioxidant Indices versus High Performance Liquid Chromatography. <i>Antioxidants</i> , 2022, 11, 324.	2.2	2
5	Integration of Nanofiltration and Reverse Osmosis Technologies in Polyphenols Recovery Schemes from Winery and Olive Mill Wastes by Aqueous-Based Processing. <i>Membranes</i> , 2022, 12, 339.	1.4	10
6	A green approach to phenolic compounds recovery from olive mill and winery wastes. <i>Science of the Total Environment</i> , 2022, 835, 155552.	3.9	14
7	Recovery of Natural Polyphenols from Spinach and Orange By-Products by Pressure-Driven Membrane Processes. <i>Membranes</i> , 2022, 12, 669.	1.4	6
8	Fruit and vegetable processing wastes as natural sources of antioxidant-rich extracts: Evaluation of advanced extraction technologies by surface response methodology. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105330.	3.3	41
9	Analytical Methods for Exploring Nutraceuticals Based on Phenolic Acids and Polyphenols. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8276.	1.3	9
10	Recovery of Rare Earth Elements from acidic mine waters by integration of a selective chelating ion-exchanger and a solvent impregnated resin. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105906.	3.3	31
11	Polyphenols and their potential role to fight viral diseases: An overview. <i>Science of the Total Environment</i> , 2021, 801, 149719.	3.9	92
12	Recovery of Added-Value Compounds from Orange and Spinach Processing Residues: Green Extraction of Phenolic Compounds and Evaluation of Antioxidant Activity. <i>Antioxidants</i> , 2021, 10, 1800.	2.2	17
13	Assessment of the Polyphenolic Composition of Orange Waste from Agri-Food Industries by HPLC-UV-MS/MS. , 2021, 6, .		0
14	Olive Mill and Winery Wastes as Viable Sources of Bioactive Compounds: A Study on Polyphenols Recovery. <i>Antioxidants</i> , 2020, 9, 1074.	2.2	52
15	Exploring the Antioxidant Features of Polyphenols by Spectroscopic and Electrochemical Methods. <i>Antioxidants</i> , 2019, 8, 523.	2.2	49
16	Analysis of corticosteroids in samples of animal origin using QuEChERS and ultrahigh-performance liquid chromatography coupled to high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 449-457.	1.9	4
17	Monitoring UF membrane performance treating surface-groundwater blends: Limitations of FEEM-PARAFAC on the assessment of the organic matter role. <i>Chemical Engineering Journal</i> , 2017, 317, 961-971.	6.6	19
18	Analysis of non-steroidal anti-inflammatory drugs in milk using QuEChERS and liquid chromatography coupled to mass spectrometry: triple quadrupole versus Q-Orbitrap mass analyzers. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5769-5778.	1.9	27

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19	Development and validation of an enzyme linked immunosorbent assay for fluoroquinolones in animal feeds. <i>Food Control</i> , 2015, 57, 195-201.	2.8	29
20	High-throughput method for the determination of nitroimidazoles in muscle samples by liquid chromatography coupled to mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4411-4421.	1.9	15
21	New method for the analysis of lipophilic marine biotoxins in fresh and canned bivalves by liquid chromatography coupled to high resolution mass spectrometry: A quick, easy, cheap, efficient, rugged, safe approach. <i>Journal of Chromatography A</i> , 2015, 1386, 62-73.	1.8	34
22	Determination of avermectins: A QuEChERS approach to the analysis of food samples. <i>Food Chemistry</i> , 2015, 181, 57-63.	4.2	26
23	Sorption of Enrofloxacin and Ciprofloxacin in Agricultural Soils: Effect of Organic Matter. <i>Adsorption Science and Technology</i> , 2014, 32, 153-163.	1.5	19
24	Predicting Contaminant Adsorption in Black Carbon (Biochar)-Amended Soil for the Veterinary Antimicrobial Sulfamethazine. <i>Environmental Science & Technology</i> , 2013, 47, 6197-6205.	4.6	104
25	Targeted analysis with benchtop quadrupole-orbitrap hybrid mass spectrometer: Application to determination of synthetic hormones in animal urine. <i>Analytica Chimica Acta</i> , 2013, 780, 65-73.	2.6	61
26	Use of gel permeation chromatography for clean-up in the analysis of coccidiostats in eggs by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4777-4786.	1.9	16
27	Sorption of tetracyclines onto natural soils: data analysis and prediction. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3087-3095.	2.7	52
28	Speciation of the Ionizable Antibiotic Sulfamethazine on Black Carbon (Biochar). <i>Environmental Science & Technology</i> , 2011, 45, 10020-10027.	4.6	407
29	Extraction and analysis of avermectines in agricultural soils by microwave assisted extraction and ultra high performance liquid chromatography coupled to tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2011, 697, 32-37.	2.6	10
30	Analysis of antimicrobial agents in animal feed. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1042-1064.	5.8	50
31	Fluoroquinolones in soils: Assessment of extraction methods. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 1353-1366.	1.8	2
32	Studies on the extraction of sulfonamides from agricultural soils. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 807-814.	1.9	18
33	Antibiotics in food: Legislation and validation of analytical methodologies. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 877-891.	1.9	72
34	Restricted access materials for sample clean-up in the analysis of trace levels of tetracyclines by liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1181, 1-8.	1.8	55
35	High-throughput multiclass method for antibiotic residue analysis by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1213, 189-199.	1.8	98
36	Determination of ivermectin and transformation products in environmental waters using hollow fibre-supported liquid membrane extraction and liquid chromatography-mass spectrometry/mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1187, 275-280.	1.8	37

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37	Validation of a method for the analysis of quinolones residues in bovine muscle by liquid chromatography with electrospray ionisation tandem mass spectrometry detection. <i>Talanta</i> , 2007, 72, 269-276.	2.9	32
38	Analysis of trace levels of sulfonamides in surface water and soil samples by liquid chromatography-fluorescence. <i>Journal of Chromatography A</i> , 2007, 1172, 186-193.	1.8	73
39	Determination of flumequine and oxolinic acid in sediments and soils by microwave-assisted extraction and liquid chromatography-fluorescence. <i>Analytica Chimica Acta</i> , 2006, 567, 229-235.	2.6	40
40	Analysis of macrolide antibiotics in river water by solid-phase extraction and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1114, 73-81.	1.8	83
41	Determination of Tetracyclines in Water Samples Using Liquid Chromatography with Fluorimetric Detection. <i>Chromatographia</i> , 2005, 61, 471-477.	0.7	22
42	Determination of quinolones in water samples by solid-phase extraction and liquid chromatography with fluorimetric detection. <i>Journal of Chromatography A</i> , 2004, 1041, 27-33.	1.8	67
43	Detection techniques in speciation analysis of organotin compounds by liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 26-33.	5.8	48
44	Solid-phase extraction-liquid chromatography-fluorimetry for organotin speciation in natural waters. <i>Chromatographia</i> , 2002, 55, 19-24.	0.7	15
45	Liquid-supported membranes in chromium(VI) optical sensing: transport modelling. <i>Analytica Chimica Acta</i> , 2002, 464, 197-208.	2.6	32
46	Determination of triorganotin species in water samples by liquid chromatography-electrospray-mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 946, 1-8.	1.8	30
47	Simultaneous determination of Cd(ii), Cu(ii) and Pb(ii) in surface waters by solid phase extraction and flow injection analysis with spectrophotometric detection. <i>Analyst</i> , The, 2001, 126, 1149-1153.	1.7	40
48	Speciation of organotin compounds in shellfish by liquid chromatography-fluorimetric detection. <i>Analytica Chimica Acta</i> , 2001, 443, 183-190.	2.6	17
49	Estimation of figures of merit using univariate statistics for quantitative second-order multivariate curve resolution. <i>Analytica Chimica Acta</i> , 2001, 432, 241-251.	2.6	57
50	Determination of butyltin and phenyltin species by reversed-phase liquid chromatography and fluorimetric detection. <i>Journal of Chromatography A</i> , 2000, 878, 69-76.	1.8	15
51	Determination of metal-cyanide complexes by ion-interaction chromatography with fluorimetric detection. <i>Analytica Chimica Acta</i> , 2000, 403, 197-204.	2.6	35
52	Determination of triphenyltin in sea-water by excitation-emission matrix fluorescence and multivariate curve resolution. <i>Analytica Chimica Acta</i> , 2000, 409, 237-245.	2.6	50
53	Separation of butyltin and phenyltin species by ion-exchange chromatography with complexing mobile phases. <i>Chromatographia</i> , 2000, 51, 443-449.	0.7	5
54	Determination of tributyltin and triphenyltin in sediments by liquid chromatography with fluorimetric detection. <i>Journal of Chromatography A</i> , 1999, 846, 413-423.	1.8	18

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55	Photodissociation/gas-diffusion separation and fluorimetric detection for the analysis of total and labile cyanide in a flow system. Fresenius' Journal of Analytical Chemistry, 1999, 365, 516-520.	1.5	7
56	Liquid chromatography with fluorimetric detection of triorganotin compounds in marine biological materials. Journal of Chromatography A, 1998, 809, 39-46.	1.8	15
57	Copper interference on the spectrophotometric determination of iron and their simultaneous determination using bathophenanthroline-disulfonic acid disodium salt. Fresenius' Journal of Analytical Chemistry, 1998, 360, 263-265.	1.5	3
58	Assessment of Different Fluorimetric Reactions for Cyanide Determination in Flow Systems. Analyst, The, 1997, 122, 553-558.	1.7	39
59	Analytical procedures for the determination of organotin compounds in sediment and biota: a critical review. Journal of Chromatography A, 1997, 788, 1-49.	1.8	147
60	Metal cyanide control in hydrometallurgical processing of gold ores by multivariate calibration procedures. Analytica Chimica Acta, 1997, 353, 123-131.	2.6	2
61	Determination of triphenyltin in sea water samples by liquid chromatography with fluorimetric detection. Analytica Chimica Acta, 1995, 302, 185-191.	2.6	23
62	Liquid Chromatographic determination of triphenyltin and tributyltin using fluorimetric detection. Analytica Chimica Acta, 1995, 314, 175-182.	2.6	24
63	Labelling of organotin compounds for fluorimetric detection. Talanta, 1995, 42, 1165-1170.	2.9	8
64	Solid-phase extraction and spectrofluorimetric determination of triphenyltin in environmental samples. Analytica Chimica Acta, 1993, 283, 272-279.	2.6	27
65	Characterization of Polyphenolic Composition of Extracts from Winery Wastes by HPLC-UV-MS/MS. , 0, , .		1