

Natalia Casado Navas

List of Publications by Citations

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24
papers

308
citations

12
h-index

17
g-index

26
ext. papers

417
ext. citations

5.9
avg, IF

4.07
L-index

#	Paper	IF	Citations
24	Current development and applications of ordered mesoporous silicas and other sol-gel silica-based materials in food sample preparation for xenobiotics analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 88, 167-184	14.6	51
23	Evaluation of bi-functionalized mesoporous silicas as reversed phase/cation-exchange mixed-mode sorbents for multi-residue solid phase extraction of veterinary drug residues in meat samples. <i>Talanta</i> , 2017 , 165, 223-230	6.2	27
22	Application of a hybrid ordered mesoporous silica as sorbent for solid-phase multi-residue extraction of veterinary drugs in meat by ultra-high-performance liquid chromatography coupled to ion-trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1459, 24-37	4.5	25
21	New Advanced Materials and Sorbent-Based Microextraction Techniques as Strategies in Sample Preparation to Improve the Determination of Natural Toxins in Food Samples. <i>Molecules</i> , 2020 , 25,	4.8	22
20	Two novel strategies in food sample preparation for the analysis of dietary polyphenols: Micro-extraction techniques and new silica-based sorbent materials. <i>Trends in Food Science and Technology</i> , 2020 , 98, 167-180	15.3	21
19	An improved and miniaturized analytical strategy based on QuEChERS for isolation of polyphenols. A powerful approach for quality control of baby foods. <i>Microchemical Journal</i> , 2018 , 139, 110-118	4.8	20
18	Breads fortified with wholegrain cereals and seeds as source of antioxidant dietary fibre and other bioactive compounds. <i>Journal of Cereal Science</i> , 2018 , 82, 113-120	3.8	19
17	Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. <i>Journal of Chromatography A</i> , 2019 , 1608, 460407	4.5	17
16	Enantiomeric analysis of pyrethroids and organophosphorus insecticides. <i>Journal of Chromatography A</i> , 2019 , 1605, 360345	4.5	15
15	Enantiomeric Determination of Drugs in Pharmaceutical Formulations and Biological Samples by Electrokinetic Chromatography. <i>Critical Reviews in Analytical Chemistry</i> , 2020 , 50, 554-584	5.2	14
14	Bi-functionalized mesostructured silicas as reversed-phase/strong anion-exchange sorbents. Application to extraction of polyphenols prior to their quantitation by UHPLC with ion-trap mass spectrometry detection. <i>Mikrochimica Acta</i> , 2019 , 186, 164	5.8	12
13	Dispersive Solid-Phase Extraction of Polyphenols from Juice and Smoothie Samples Using Hybrid Mesostructured Silica Followed by Ultra-high-Performance Liquid Chromatography-Ion-Trap Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 955-967	5.7	12
12	Use of choline chloride-D-sorbitol deep eutectic solvent as additive in cyclodextrin-electrokinetic chromatography for the enantiomeric separation of lacosamide. <i>Microchemical Journal</i> , 2021 , 160, 105669	4.8	11
11	Comparison of high-throughput microextraction techniques, MEPS and SPEed, for the determination of polyphenols in baby food by ultrahigh pressure liquid chromatography. <i>Food Chemistry</i> , 2019 , 292, 14-23	8.5	9
10	A Miniaturized QuEChERS Method Combined with Ultrahigh Liquid Chromatography Coupled to Tandem Mass Spectrometry for the Analysis of Pyrrolizidine Alkaloids in Oregano Samples. <i>Foods</i> , 2020 , 9,	4.9	8
9	The concerning food safety issue of pyrrolizidine alkaloids: An overview. <i>Trends in Food Science and Technology</i> , 2022 , 120, 123-139	15.3	7
8	Modeling-based optimization of the simultaneous enantiomeric separation of multicomponent mixtures of phenoxy acid herbicides using dual cyclodextrin systems by Capillary Electrophoresis. <i>Journal of Chromatography A</i> , 2020 , 1610, 460552	4.5	7

7	Evaluation of mesostructured silicas with wormhole-like framework functionalized with hydrophobic groups as alternative sorbents for extraction of drug residues from food samples. <i>Materials Letters</i> , 2018 , 220, 165-168	3.3	3
6	Miniaturized and modified QuEChERS method with mesostructured silica as clean-up sorbent for pyrrolizidine alkaloids determination in aromatic herbs.. <i>Food Chemistry</i> , 2022 , 380, 132189	8.5	2
5	The Potential of Microextraction Techniques for the Analysis of Bioactive Compounds in Food.. <i>Frontiers in Nutrition</i> , 2022 , 9, 825519	6.2	2
4	Application of the QuEChERS Strategy as a Useful Sample Preparation Tool for the Multiresidue Determination of Pyrrolizidine Alkaloids in Food and Feed Samples: A Critical Overview. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4325	2.6	2
3	Enantiomeric Separation of Colchicine and Lacosamide by Nano-LC. Quantitative Analysis in Pharmaceutical Formulations. <i>Separations</i> , 2020 , 7, 55	3.1	0
2	Evaluation of mesostructured silica materials with different structures and morphologies as carriers for quercetin and naringin encapsulation. <i>Journal of Porous Materials</i> , 1	2.4	0
1	Study of the Phenolic Compound Profile of <i>Arbutus unedo</i> L. Fruits at Different Ripening Stages by HPLC-TQ-MS/MS. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11616	2.6	0