Natalia Casado Navas

List of Publications by Year in Descending Order

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	Miniaturized and modified QuEChERS method with mesostructured silica as clean-up sorbent for pyrrolizidine alkaloids determination in aromatic herbs.. *Food Chemistry*, **2022**, 380, 132189	8.5	2
23	The concerning food safety issue of pyrrolizidine alkaloids: An overview. *Trends in Food Science and Technology*, **2022**, 120, 123-139	15.3	7
22	The Potential of Microextraction Techniques for the Analysis of Bioactive Compounds in Food.. *Frontiers in Nutrition*, **2022**, 9, 825519	6.2	2
21	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. *Applied Sciences (Switzerland)*, **2022**, 12, 4325	2.6	2
20	Use of choline chloride-D-sorbitol deep eutectic solvent as additive in cyclodextrin-electrokinetic chromatography for the enantiomeric separation of lacosamide. *Microchemical Journal*, **2021**, 160, 105669	4.8	11
19	Study of the Phenolic Compound Profile of Arbutus unedo L. Fruits at Different Ripening Stages by HPLC-TQ-MS/MS. *Applied Sciences (Switzerland)*, **2021**, 11, 11616	2.6	0
18	Enantiomeric Separation of Colchicine and Lacosamide by Nano-LC. Quantitative Analysis in Pharmaceutical Formulations. *Separations*, **2020**, 7, 55	3.1	0
17	New Advanced Materials and Sorbent-Based Microextraction Techniques as Strategies in Sample Preparation to Improve the Determination of Natural Toxins in Food Samples. *Molecules*, **2020**, 25,	4.8	22
16	A Miniaturized QuEChERS Method Combined with Ultrahigh Liquid Chromatography Coupled to Tandem Mass Spectrometry for the Analysis of Pyrrolizidine Alkaloids in Oregano Samples. *Foods*, **2020**, 9,	4.9	8
15	Two novel strategies in food sample preparation for the analysis of dietary polyphenols: Micro-extraction techniques and new silica-based sorbent materials. *Trends in Food Science and Technology*, **2020**, 98, 167-180	15.3	21
14	Enantiomeric Determination of Drugs in Pharmaceutical Formulations and Biological Samples by Electrokinetic Chromatography. *Critical Reviews in Analytical Chemistry*, **2020**, 50, 554-584	5.2	14
13	Modeling-based optimization of the simultaneous enantiomeric separation of multicomponent mixtures of phenoxy acid herbicides using dual cyclodextrin systems by Capillary Electrophoresis. *Journal of Chromatography A*, **2020**, 1610, 460552	4.5	7
12	Comparison of high-throughput microextraction techniques, MEPS and ⊟SPEed, for the determination of polyphenols in baby food by ultrahigh pressure liquid chromatography. *Food Chemistry*, **2019**, 292, 14-23	8.5	9
11	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. *Mikrochimica Acta*, **2019**, 186, 164	5.8	12
10	Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. *Journal of Chromatography A*, **2019**, 1608, 460407	4.5	17
9	Enantiomeric analysis of pyrethroids and organophosphorus insecticides. *Journal of Chromatography A*, **2019**, 1605, 360345	4.5	15
8	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. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 955-967	5.7	12

7	An improved and miniaturized analytical strategy based on QuEChERS for isolation of polyphenols. A powerful approach for quality control of baby foods. *Microchemical Journal*, **2018**, 139, 110-118	4.8	20
6	Evaluation of mesostructured silicas with wormhole-like framework functionalized with hydrophobic groups as alternative sorbents for extraction of drug residues from food samples. *Materials Letters*, **2018**, 220, 165-168	3.3	3
5	Breads fortified with wholegrain cereals and seeds as source of antioxidant dietary fibre and other bioactive compounds. *Journal of Cereal Science*, **2018**, 82, 113-120	3.8	19
4	Current development and applications of ordered mesoporous silicas and other sol-gel silica-based materials in food sample preparation for xenobiotics analysis. *TrAC - Trends in Analytical Chemistry*, **2017**, 88, 167-184	14.6	51
3	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. *Talanta*, **2017**, 165, 223-230	6.2	27
2	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. *Journal of Chromatography A*, **2016**, 1459, 24-37	4.5	25
1	Evaluation of mesostructured silica materials with different structures and morphologies as carriers for quercetin and naringin encapsulation. *Journal of Porous Materials*,1	2.4	0