Mariela PistÃ³n

List of Publications by Year
in descending order

29 papers	401 citations	758635 12 h-index	752256 20 g-index
31 all docs	31 docs citations	31 times ranked	640 citing authors

#	Article	IF	Citations
1	Determination of pesticide residues in globe artichoke leaves and fruits by GCâ€“MS and LCâ€“MS/MS using the same QuEChERS procedure. Food Chemistry, 2017, 227, 227-236.	4.2	82
2	Infusion, decoction and hydroalcoholic extracts of leaves from artichoke (Cynara cardunculus L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 International, 2014, 64, 150-156.	2.9	51
3	A simple and fast ultrasound-assisted extraction procedure for Fe and Zn determination in milk-based infant formulas using flame atomic absorption spectrometry (FAAS). Food Chemistry, 2016, 194, 373-376.	4.2	33
4	Comparison of different sample treatments for the determination of As, Cd, Cu, Ni, Pb and Zn in globe artichoke (Cynara cardunculus L. subsp. Cardunculus). Microchemical Journal, 2016, 128, 128-133.	2.3	31
5	In vitro bioaccessibility study of As, Cd, Cu, Fe, Ni, Pb and Zn from raw edible artichoke heads (Cynara) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	24
6	Characterization of the effects involved in ultrasound-assisted extraction of trace elements from artichoke leaves and soybean seeds. Ultrasonics Sonochemistry, 2019, 59, 104752.	3.8	24
7	Automated method for the determination of total arsenic and selenium in natural and drinking water by HG-AAS. Environmental Geochemistry and Health, 2012, 34, 273-278.	1.8	23
8	Determination of total selenium by multicommutated-flow hydride generation atomic absorption spectrometry. Application to cow's milk and infant formulae. Analytical Methods, 2009, 1, 139.	1.3	16
9	An overview of environmental arsenic issues and exposure risks in Uruguay. Science of the Total Environment, 2019, 686, 590-598.	3.9	14
10	Influence of cooking processes on Cu, Fe, Mn, Ni, and Zn levels in beef cuts. Journal of Food Composition and Analysis, 2020, 94, 103624.	1.9	14
11	Synthesis, characterization and simulation of lithium titanate nanotubes for dye sensitized solar cells. Ceramics International, 2019, 45, 708-717.	2.3	13
12	A multicommuted flow system for the determination of dextrose in parenteral and hemodialysis concentrate solutions. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 823-828.	1.4	12
13	Modular design of a trap-and-atomizer device with a gold absorber for selenium collection after hydride generation. Journal of Analytical Atomic Spectrometry, 2020, 35, 107-116.	1.6	9
14	A green analytical method for the determination of Cu, Fe, Mn, and Zn in wheat flour using total reflection X-ray fluorescence. Journal of Analytical Atomic Spectrometry, 2018, 33, 1264-1268.	1.6	8
15	Development of an Alkaline Method for the Determination of Cu, Mo, and Zn in Beef Samples. Food Analytical Methods, 2021, 14, 156-164.	1.3	7
16	Multiparametric Flow System for the Automated Determination of Sodium, Potassium, Calcium, and Magnesium in Large-Volume Parenteral Solutions and Concentrated Hemodialysis Solutions. Journal of Automated Methods and Management in Chemistry, 2006, 2006, 1-6.	0.5	6
17	A Simple Automated Method for the Determination of Nitrate and Nitrite in Infant Formula and Milk Powder Using Sequential Injection Analysis. Journal of Automated Methods and Management in Chemistry, 2011, 2011, 1-7.	0.5	6
18	Development of a Simple Method for the Determination of Toxicologically Relevant Species of Arsenic in Urine Using HG-AAS. Journal of Environment Pollution and Human Health, 2015, 3, 46-51.	0.2	6

#	Article	IF	Citations
19	Determination of Total Selenium in Infant Formulas: Comparison of the Performance of FIA and MCFA Flow Systems. International Journal of Analytical Chemistry, 2012, 2012, 1-7.	0.4	5
20	Biomonitoring of arsenic in woodworkers exposed to CCA and evaluation of other non-occupational sources in Uruguay. International Journal of Occupational and Environmental Health, 2017, 23, 71-80.	1.2	4
21	A simple and economical ultrasound-assisted method for Cd and Pb extraction from fruits and vegetables for food safety assurance. Results in Chemistry, 2021, 3, 100089.	0.9	4
22	On-Line Preconcentration and Simultaneous Determination of Cu and Mn in Water Samples Using a Minicolumn Packed with Sisal Fiber by MIP OES. Molecules, 2021, 26, 1662.	1.7	3
23	In vitro bioaccessibility of Cu and Zn in cooked beef cuts. LWT - Food Science and Technology, 2021, 150, 112027.	2.5	3
24	Determination of Cd, Pb and Se in beef samples using aerosol dilution by ICP-MS. Journal of Food Measurement and Characterization, 2021, 15, 4105-4111.	1.6	2
25	Lead determination by HG - MIP OES with nitrogen plasma, after variables optimization study. Journal of Analytical Atomic Spectrometry, 0, , .	1.6	1
26	PSIX-24 Concentration of minerals in meat of lambs fattened under different feeding systems.. Journal of Animal Science, 2018, 96, 281-281.	0.2	0
27	Development of an Ozone-Assisted Sample Preparation Method for the Determination of Cu and Zn in Rice Samples. Journal of Analytical Methods in Chemistry, 2021, 2021, 1-5.	0.7	0
28	Oxidative Stress Parameters, Related Trace Elements Levels and Proteomics in Soybean Seeds in Order to Get a Better Assessment of Their Quality. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
29	Determination of As, Cd, Cu, Fe, Ni, Pb and Zn in Soybean Seeds and their Correlation with Relevant Biochemical Parameters to assess Food Quality. Brazilian Journal of Analytical Chemistry, 2019, 5, 26-34.	0.3	0