Salvador E Maestre PÃ©rez

List of Publications by Year
in descending order

41 papers	794 citations	430843 18 h-index	526264 27 g-index
41 all docs	41 docs citations	41 times ranked	894 citing authors

#	Article	IF	Citations
1	Optimization and validation of a simplified methodology for simultaneous extraction of fatty acids and tocopherol homologues in peanuts. Journal of Food Composition and Analysis, 2022, 106, 104287.	3.9	3
2	Double-Function Oxygen Scavenger and Aromatic Food Packaging Films Based on LDPE/Polybutadiene and Peanut Aroma. Polymers, 2021, 13, 1310.	4.5	9
3	Volatile Profile of Nuts, Key Odorants and Analytical Methods for Quantification. Foods, 2021, 10, 1611.	4.3	15
4	Variability of Chemical Profile in Almonds (Prunus dulcis) of Different Cultivars and Origins. Foods, 2021, 10, 153.	4.3	29
5	Authentication of â€œAdelitaâ€•Raspberry Cultivar Based on Physical Properties, Antioxidant Activity and Volatile Profile. Antioxidants, 2020, 9, 593.	5.1	15
6	Chemometric comparison of almond oxidation rates using kinetic parameters obtained by infrared spectroscopy. Journal of the Science of Food and Agriculture, 2020, 100, 4549-4557.	3.5	1
7	Microwave assisted high performance liquid chromatography for the separation of triacylglycerols in vegetable oils using an evaporative light scattering detector. Food Chemistry, 2019, 300, 125203.	8.2	3
8	Influence of Cooking and Ingredients on the Antioxidant Activity, Phenolic Content and Volatile Profile of Different Variants of the Mediterranean Typical Tomato Sofrito. Antioxidants, 2019, 8, 551.	5.1	11
9	The use of combined treatments for reducing parabens in surface waters: Ion-exchange resin and nanofiltration. Science of the Total Environment, 2018, 639, 228-236.	8.0	24
10	Effect of magnetic ion exchange (MIEXÂ®) on removal of emerging organic contaminants. Chemosphere, 2018, 208, 433-440.	8.2	28
11	Comparison of a high temperature torch integrated sample introduction system with a desolvation system for the analysis of microsamples through inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 129, 28-36.	2.9	4
12	Fully Automatic In-Syringe Magnetic Stirring-Assisted Dispersive Liquidâ€“Liquid Microextraction Hyphenated to High-Temperature Torch Integrated Sample Introduction System-Inductively Coupled Plasma Spectrometer with Direct Injection of the Organic Phase. Analytical Chemistry, 2017, 89, 3787-3794.	6.5	30
13	Aerosol-Phase Extraction Method for Determination of Ca, K, Mg, and Na in Biodiesel through Inductively Coupled Plasma Optical Emission Spectrometry. Analytical Chemistry, 2017, 89, 13618-13625.	6.5	12
14	Determination of fatâ€soluble vitamins in vegetable oils through microwaveâ€assisted highâ€performance liquid chromatography. Journal of Separation Science, 2015, 38, 1073-1081.	2.5	8
15	Optimisation of analytical methods for the characterisation of oranges, clementines and citrus hybrids cultivated in <scp>S</scp>pain on the basis of their composition in ascorbic acid, citric acid and major sugars. International Journal of Food Science and Technology, 2014, 49, 146-152.	2.7	19
16	Ion balance in waters through inductively coupled plasma optical emission spectrometry. International Journal of Environmental Analytical Chemistry, 2014, 94, 427-440.	3.3	3
17	Microwave high performance liquid chromatography with UV-visible detection. Application to vitamins determination. Analyst, The, 2012, 137, 2260.	3.5	6
18	CHAPTER 25. Determination of Maltose in Food Samples by High-temperature Liquid Chromatography Coupled to ICP-AES. Food and Nutritional Components in Focus, 2012, , 425-442.	0.1	0

#	Article	IF	Citations
19	Rapid and sensitive determination of carbohydrates in foods using high temperature liquid chromatography with evaporative light scattering detection. Journal of Separation Science, 2012, 35, 929-936.	2.5	23
20	Development of an Analytical Method for the Combined Determination of Water-Soluble Vitamins and Minerals Through High-Performance Liquid Chromatographyâ€“Inductively Coupled Plasma Atomic Emission Spectrometry Hyphenation. Food Analytical Methods, 2012, 5, 897-908.	2.6	3
21	Alcohol and metal determination in alcoholic beverages through high-temperature liquid-chromatography coupled to an inductively coupled plasma atomic emission spectrometer. Journal of Chromatography A, 2011, 1218, 3439-3446.	3.7	20
22	High-Temperature Liquid Chromatography Inductively Coupled Plasma Atomic Emission Spectrometry hyphenation for the combined organic and inorganic analysis of foodstuffs. Journal of Chromatography A, 2010, 1217, 6195-6202.	3.7	14
23	Simple and rapid analytical method for the simultaneous determination of cetrimonium chloride and alkyl alcohols in hair conditioners. International Journal of Cosmetic Science, 2010, 32, 65-72.	2.6	9
24	Classification of Four Almond Cultivars Using Oil Degradation Parameters Based on FTIR and GC Data. JAOCS, Journal of the American Oil Chemists' Society, 2009, 86, 51-58.	1.9	40
25	Building and analyzing models from data by stirred tank experiments for investigation of matrix effects caused by inorganic matrices and selection of internal standards in Inductively Coupled Plasma-Atomic Emission Spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 571-584.	2.9	13
26	Comparative study of tocopherol homologue content in four almond oil cultivars during two consecutive years. Journal of Food Composition and Analysis, 2008, 21, 144-151.	3.9	56
27	Application of a microwave-based desolvation system for multi-elemental analysis of wine by inductively coupled plasma based techniques. Analytica Chimica Acta, 2008, 629, 24-37.	5.4	30
28	Single-injection calibration approach for high-performance liquid chromatography. Journal of Chromatography A, 2008, 1185, 178-184.	3.7	3
29	Rapid analytical method for the determination of organic and inorganic species in tomato samples through HPLCâ€“ICP-AES coupling. Food Chemistry, 2008, 111, 469-475.	8.2	26
30	Introduction of organic solvent solutions into inductively coupled plasma-atomic emission spectrometry using a microwave assisted sample introduction system. Journal of Analytical Atomic Spectrometry, 2006, 21, 1403.	3.0	27
31	Simultaneous Determination of Carbohydrates, Carboxylic Acids, Alcohols, and Metals in Foods by High-Performance Liquid Chromatography Inductively Coupled Plasma Atomic Emission Spectrometry. Analytical Chemistry, 2006, 78, 6774-6782.	6.5	49
32	Use of stirred tanks for studying matrix effects caused by inorganic acids, easily ionized elements and organic solvents in inductively coupled plasma atomic emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2006, 61, 326-339.	2.9	20
33	Studies on transport phenomena in electrothermal vaporization sample introduction applied to inductively coupled plasma for optical emission and mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 1323-1333.	2.9	17
34	A new continuous calibration method for inductively coupled plasma spectrometry. Analytical and Bioanalytical Chemistry, 2005, 384, 531-541.	3.7	10
35	A microwave assisted desolvation system based on the use of a TM010 cavity for inductively coupled plasma based analytical techniques. Journal of Analytical Atomic Spectrometry, 2005, 20, 455.	3.0	15
36	Evaluation of several pneumatic micronebulizers with different designs for use in ICP?AES and ICP?MS. Future directions for further improvement. Analytical and Bioanalytical Chemistry, 2004, 379, 888-99.	3.7	40

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37	Compensation for matrix effects in ICP-AES by using air segmented liquid microsample introduction. The role of the spray chamber. Journal of Analytical Atomic Spectrometry, 2004, 19, 728-737.	3.0	20
38	Liquid-sample introduction in plasma spectrometry. TrAC - Trends in Analytical Chemistry, 2003, 22, 123-132.	11.4	71
39	A System for the Direct Determination of the Nonvolatile Organic Carbon, Dissolved Organic Carbon, and Inorganic Carbon in Water Samples through Inductively Coupled Plasma Atomic Emission Spectrometry. Analytical Chemistry, 2003, 75, 111-117.	6.5	26
40	Studies about the origin of the non-spectroscopic interferences caused by sodium and calcium in inductively coupled plasma atomic emission spectrometry. Influence of the spray chamber design. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 1753-1770.	2.9	33
41	Plasma behavior during electrothermal vaporization sample introduction in inductively coupled plasma atomic emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 1209-1217.	2.9	9