S GarcÃ-a-MartÃ-n

List of Publications by Year
in descending order

Version: 2024-02-01

50 papers	2,214 citations	186265 28 h-index	214800 47 g-index
51 all docs	51 docs citations	51 times ranked	2844 citing authors

#	Article	IF	Citations
1	Determination of Metals in Grape Marc Spirits by Magnetic Solid-Phase Extraction Combined With Capillary Electrophoresis. Comparison of Multi-Walled Carbon Nanotubes and Silica Nanoparticles. Journal of Analytical Chemistry, 2020, 75, 34-43.	0.9	3
2	Detection and quantification of adulterations in aged wine using RGB digital images combined with multivariate chemometric techniques. Food Chemistry: X, 2019, 3, 100046.	4.3	25
3	Graphene and carbon nanotubes as solid phase extraction sorbents for the speciation of chromium: A review. Analytica Chimica Acta, 2018, 1002, 1-17.	5.4	101
4	The use of honeybees and honey as environmental bioindicators for metals and radionuclides: a review. Environmental Reviews, 2017, 25, 463-480.	4.5	46
5	Ultrasound-assisted magnetic solid-phase extraction for the determination of some transition metals in Orujo spirit samples by capillary electrophoresis. Food Chemistry, 2016, 190, 263-269.	8.2	12
6	Determination of cadmium and lead in urine samples after dispersive solidâ€“liquid extraction on multiwalled carbon nanotubes by slurry sampling electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 106, 13-19.	2.9	28
7	Magnetic solid-phase extraction using carbon nanotubes as sorbents: A review. Analytica Chimica Acta, 2015, 892, 10-26.	5.4	290
8	Characterization of carbon nanotubes and analytical methods for their determination in environmental and biological samples: A review. Analytica Chimica Acta, 2015, 853, 77-94.	5.4	101
9	Multiwalled carbon nanotubes as a sorbent material for the solid phase extraction of lead from urine and subsequent determination by electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 101, 15-20.	2.9	12
10	A fast chemometric procedure based on NIR data for authentication of honey with protected geographical indication. Food Chemistry, 2013, 141, 3559-3565.	8.2	72
11	Solid phase extraction for the speciation and preconcentration of inorganic selenium in water samples: A review. Analytica Chimica Acta, 2013, 804, 37-49.	5.4	111
12	Chemometric Classification of Potatoes with Protected Designation of Origin According to Their Producing Area and Variety. Journal of Agricultural and Food Chemistry, 2013, 61, 8444-8451.	5.2	13
13	Carbon nanotubes as solid-phase extraction sorbents prior to atomic spectrometric determination of metal species: A review. Analytica Chimica Acta, 2012, 749, 16-35.	5.4	159
14	A new flow injection preconcentration method based on multiwalled carbon nanotubes for the ETA-AAS determination of Cd in urine. Talanta, 2011, 85, 2361-2367.	5.5	35
15	Comparison of several chemometric techniques for the classification of orujo distillate alcoholic samples from Galicia (northwest Spain) according to their certified brand of origin. Analytical and Bioanalytical Chemistry, 2010, 397, 2603-2614.	3.7	21
16	Solid-phase microextraction gas chromatographyâ€“mass spectrometry (HS-SPME-GCâ€“MS) determination of volatile compounds in orujo spirits: Multivariate chemometric characterisation. Food Chemistry, 2010, 118, 456-461.	8.2	40
17	Study on different pre-treatment procedures for metal determination in Orujo spirit samples by ICP-AES. Analytica Chimica Acta, 2008, 628, 33-40.	5.4	13
18	Determination of Cr and Ni in Orujo spirit samples by ETAAS using different chemical modifiers. Food Chemistry, 2008, 110, 177-186.	8.2	12

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19	Headspace Solid-Phase Microextraction Gas Chromatographyâ€“Mass Spectrometry Analysis of Volatiles in Orujo Spirits from a Defined Geographical Origin. Journal of Agricultural and Food Chemistry, 2008, 56, 2788-2794.	5.2	27
20	Comparison of different permanent chemical modifiers for lead determination in Orujo spirits by electrothermal atomic absorption spectrometry. Talanta, 2007, 71, 1629-1636.	5.5	10
21	Direct determination of cadmium in Orujo spirit samples by electrothermal atomic absorption spectrometry: Comparative study of different chemical modifiers. Analytica Chimica Acta, 2007, 591, 231-238.	5.4	17
22	Preliminary Chemometric Study on the Use of Honey as an Environmental Marker in Galicia (Northwestern Spain). Journal of Agricultural and Food Chemistry, 2006, 54, 7206-7212.	5.2	51
23	Comparison of palladiumâ€“magnesium nitrate and ammonium dihydrogenphosphate modifiers for lead determination in honey by electrothermal atomic absorption spectrometry. Food Chemistry, 2005, 91, 435-442.	8.2	30
24	Optimization of solid-phase microextraction methods for GC-MS determination of terpenes in wine. Journal of the Science of Food and Agriculture, 2005, 85, 1227-1234.	3.5	36
25	Comparison of ultrasound-assisted extraction and direct immersion solid-phase microextraction methods for the analysis of monoterpenoids in wine. Talanta, 2005, 67, 129-135.	5.5	31
26	Direct and Combined Methods for the Determination of Chromium, Copper, and Nickel in Honey by Electrothermal Atomic Absorption Spectroscopy. Journal of Agricultural and Food Chemistry, 2005, 53, 6616-6623.	5.2	31
27	Solid-phase microextraction gas chromatography-mass spectrometry determination of monoterpenes in honey. Journal of Separation Science, 2004, 27, 1540-1544.	2.5	23
28	A rainwater quality monitoring network: a preliminary study of the composition of rainwater in Galicia (NW Spain). Chemosphere, 2003, 51, 375-386.	8.2	58
29	Comparison of palladiumâ€“magnesium nitrate and ammonium dihydrogenphosphate modifiers for cadmium determination in honey samples by electrothermal atomic absorption spectrometry. Talanta, 2003, 61, 509-517.	5.5	24
30	Analysis of formic and acetic acid in rain water by capillary electrophoresis. International Journal of Environmental Analytical Chemistry, 2003, 83, 247-253.	3.3	4
31	Organic acids and aldehydes in rainwater in a northwest region of Spain. Atmospheric Environment, 2002, 36, 5277-5288.	4.1	77
32	Analysis of Organic Acids in Wine by Capillary Electrophoresis with Direct UV Detection. Journal of Food Composition and Analysis, 2002, 15, 319-331.	3.9	52
33	On void time determination in thermal field-flow fractionation. Journal of Chromatography A, 2002, 960, 165-174.	3.7	6
34	Authentication of Galician (N.W. Spain) quality brand potatoes using metal analysis. Classical pattern recognition techniques versus a new vector quantization-based classification procedure. Analyst, The, 2001, 126, 2186-2193.	3.5	11
35	Characterization of Galician (N.W. Spain) quality brand potatoes: a comparison study of several pattern recognition techniques. Analyst, The, 2001, 126, 97-103.	3.5	42
36	Measurements and analysis of hydrogen peroxide rainwater levels in a Northwest region of Spain. Atmospheric Environment, 2001, 35, 209-219.	4.1	38

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37	Simultaneous Determination of Organic Acids in Wine Samples by Capillary Electrophoresis and UV Detection: Optimization with Five Different Background Electrolytes. Journal of High Resolution Chromatography, 2000, 23, 647-652.	1.4	29
38	Characterisation of Galician (NW Spain) Ribeira Sacra wines using pattern recognition analysis. Analytica Chimica Acta, 2000, 417, 211-220.	5.4	95
39	Spatial and Temporal Ozone Pattern Concentrations in a NW Region of Spain. Water, Air, and Soil Pollution, 2000, 117, 289-303.	2.4	8
40	Authentication of Galician (N.W. Spain) honeys by multivariate techniques based on metal content data. Analyst, The, 2000, 125, 307-312.	3.5	76
41	Analysis of some metals in wine by means of capillary electrophoresis. Application to the differentiation of Ribeira Sacra Spanish red wines. Analusis - European Journal of Analytical Chemistry, 2000, 28, 432-437.	0.4	35
42	Chemometric classification of honeys according to their type. II. Metal content data. Food Chemistry, 1999, 66, 263-268.	8.2	107
43	SPLITT cell separation of polydisperse suspended particles of environmental interest. Chromatographia, 1998, 48, 643-654.	1.3	32
44	Chemometric classification of honeys according to their type based on quality control data. Food Chemistry, 1996, 55, 281-287.	8.2	32
45	GC-MS identification of volatile components of Galician (Northwestern Spain) white wines. Application to differentiate RÃas Baixas wines from wines produced in nearby geographical regions. Journal of the Science of Food and Agriculture, 1995, 69, 175-184.	3.5	46
46	Analysis of Some Highly Volatile Compounds of Wine by Means of Purge and Cold Trapping Injector Capillary Gas Chromatography. Application to the Differentiation of Rias Baixas Spanish White Wines. Journal of Agricultural and Food Chemistry, 1995, 43, 764-768.	5.2	75
47	Mercury speciation in raw sediments of the pontevedra estuary (Galiciaâ€Spain). Environmental Technology (United Kingdom), 1992, 13, 11-22.	2.2	16
48	Effects of temperature and salinity on the dinoflagellatealexandrium lusitanicum.II. excreted carbohydrates. Environmental Technology (United Kingdom), 1992, 13, 791-795.	2.2	0
49	Effects of temperature and salinity on the dinoflagellatealexandrium lusitanicum.I. cell volume, cell concentrations in the culture and cellular composition. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T		1
50	Carbon Nanotubes as Solid-Phase Extraction Sorbents Prior to Atomic Spectrometric Determination of Metal Species: Determination of Lead in Urine. , 0, , .		0