

S Garc -a-Mart -n

List of Publications by Year in descending order

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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	Magnetic solid-phase extraction using carbon nanotubes as sorbents: A review. <i>Analytica Chimica Acta</i> , 2015, 892, 10-26.	5.4	290
2	Carbon nanotubes as solid-phase extraction sorbents prior to atomic spectrometric determination of metal species: A review. <i>Analytica Chimica Acta</i> , 2012, 749, 16-35.	5.4	159
3	Solid phase extraction for the speciation and preconcentration of inorganic selenium in water samples: A review. <i>Analytica Chimica Acta</i> , 2013, 804, 37-49.	5.4	111
4	Chemometric classification of honeys according to their type. II. Metal content data. <i>Food Chemistry</i> , 1999, 66, 263-268.	8.2	107
5	Characterization of carbon nanotubes and analytical methods for their determination in environmental and biological samples: A review. <i>Analytica Chimica Acta</i> , 2015, 853, 77-94.	5.4	101
6	Graphene and carbon nanotubes as solid phase extraction sorbents for the speciation of chromium: A review. <i>Analytica Chimica Acta</i> , 2018, 1002, 1-17.	5.4	101
7	Characterisation of Galician (NW Spain) Ribeira Sacra wines using pattern recognition analysis. <i>Analytica Chimica Acta</i> , 2000, 417, 211-220.	5.4	95
8	Organic acids and aldehydes in rainwater in a northwest region of Spain. <i>Atmospheric Environment</i> , 2002, 36, 5277-5288.	4.1	77
9	Authentication of Galician (N.W. Spain) honeys by multivariate techniques based on metal content data. <i>Analyst, The</i> , 2000, 125, 307-312.	3.5	76
10	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. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 764-768.	5.2	75
11	A fast chemometric procedure based on NIR data for authentication of honey with protected geographical indication. <i>Food Chemistry</i> , 2013, 141, 3559-3565.	8.2	72
12	A rainwater quality monitoring network: a preliminary study of the composition of rainwater in Galicia (NW Spain). <i>Chemosphere</i> , 2003, 51, 375-386.	8.2	58
13	Analysis of Organic Acids in Wine by Capillary Electrophoresis with Direct UV Detection. <i>Journal of Food Composition and Analysis</i> , 2002, 15, 319-331.	3.9	52
14	Preliminary Chemometric Study on the Use of Honey as an Environmental Marker in Galicia (Northwestern Spain). <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7206-7212.	5.2	51
15	GC-MS identification of volatile components of Galician (Northwestern Spain) white wines. Application to differentiate R�as Baixas wines from wines produced in nearby geographical regions. <i>Journal of the Science of Food and Agriculture</i> , 1995, 69, 175-184.	3.5	46
16	The use of honeybees and honey as environmental bioindicators for metals and radionuclides: a review. <i>Environmental Reviews</i> , 2017, 25, 463-480.	4.5	46
17	Characterization of Galician (N.W. Spain) quality brand potatoes: a comparison study of several pattern recognition techniques. <i>Analyst, The</i> , 2001, 126, 97-103.	3.5	42
18	Solid-phase microextraction gas chromatography��mass spectrometry (HS-SPME-GC��MS) determination of volatile compounds in orujo spirits: Multivariate chemometric characterisation. <i>Food Chemistry</i> , 2010, 118, 456-461.	8.2	40

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19	Measurements and analysis of hydrogen peroxide rainwater levels in a Northwest region of Spain. <i>Atmospheric Environment</i> , 2001, 35, 209-219.	4.1	38
20	Optimization of solid-phase microextraction methods for GC-MS determination of terpenes in wine. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 1227-1234.	3.5	36
21	Analysis of some metals in wine by means of capillary electrophoresis. Application to the differentiation of Ribeira Sacra Spanish red wines. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000, 28, 432-437.	0.4	35
22	A new flow injection preconcentration method based on multiwalled carbon nanotubes for the ETA-AAS determination of Cd in urine. <i>Talanta</i> , 2011, 85, 2361-2367.	5.5	35
23	Chemometric classification of honeys according to their type based on quality control data. <i>Food Chemistry</i> , 1996, 55, 281-287.	8.2	32
24	SPLITT cell separation of polydisperse suspended particles of environmental interest. <i>Chromatographia</i> , 1998, 48, 643-654.	1.3	32
25	Comparison of ultrasound-assisted extraction and direct immersion solid-phase microextraction methods for the analysis of monoterpenoids in wine. <i>Talanta</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 6616-6623.	5.2	31
27	Comparison of palladium-magnesium nitrate and ammonium dihydrogenphosphate modifiers for lead determination in honey by electrothermal atomic absorption spectrometry. <i>Food Chemistry</i> , 2005, 91, 435-442.	8.2	30
28	Simultaneous Determination of Organic Acids in Wine Samples by Capillary Electrophoresis and UV Detection: Optimization with Five Different Background Electrolytes. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 647-652.	1.4	29
29	Determination of cadmium and lead in urine samples after dispersive solid-liquid extraction on multiwalled carbon nanotubes by slurry sampling electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 106, 13-19.	2.9	28
30	Headspace Solid-Phase Microextraction Gas Chromatography-Mass Spectrometry Analysis of Volatiles in Orujo Spirits from a Defined Geographical Origin. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2788-2794.	5.2	27
31	Detection and quantification of adulterations in aged wine using RGB digital images combined with multivariate chemometric techniques. <i>Food Chemistry: X</i> , 2019, 3, 100046.	4.3	25
32	Comparison of palladium-magnesium nitrate and ammonium dihydrogenphosphate modifiers for cadmium determination in honey samples by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2003, 61, 509-517.	5.5	24
33	Solid-phase microextraction gas chromatography-mass spectrometry determination of monoterpenes in honey. <i>Journal of Separation Science</i> , 2004, 27, 1540-1544.	2.5	23
34	Comparison of several chemometric techniques for the classification of orujo distillate alcoholic samples from Galicia (northwest Spain) according to their certified brand of origin. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2603-2614.	3.7	21
35	Direct determination of cadmium in Orujo spirit samples by electrothermal atomic absorption spectrometry: Comparative study of different chemical modifiers. <i>Analytica Chimica Acta</i> , 2007, 591, 231-238.	5.4	17
36	Mercury speciation in raw sediments of the pontevedra estuary (Galicia-Spain). <i>Environmental Technology (United Kingdom)</i> , 1992, 13, 11-22.	2.2	16

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37	Study on different pre-treatment procedures for metal determination in Orujo spirit samples by ICP-AES. <i>Analytica Chimica Acta</i> , 2008, 628, 33-40.	5.4	13
38	Chemometric Classification of Potatoes with Protected Designation of Origin According to Their Producing Area and Variety. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8444-8451.	5.2	13
39	Determination of Cr and Ni in Orujo spirit samples by ETAAS using different chemical modifiers. <i>Food Chemistry</i> , 2008, 110, 177-186.	8.2	12
40	Multiwalled carbon nanotubes as a sorbent material for the solid phase extraction of lead from urine and subsequent determination by electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 101, 15-20.	2.9	12
41	Ultrasound-assisted magnetic solid-phase extraction for the determination of some transition metals in Orujo spirit samples by capillary electrophoresis. <i>Food Chemistry</i> , 2016, 190, 263-269.	8.2	12
42	Authentication of Galician (N.W. Spain) quality brand potatoes using metal analysis. Classical pattern recognition techniques versus a new vector quantization-based classification procedure. <i>Analyst</i> , 2001, 126, 2186-2193.	3.5	11
43	Comparison of different permanent chemical modifiers for lead determination in Orujo spirits by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2007, 71, 1629-1636.	5.5	10
44	Spatial and Temporal Ozone Pattern Concentrations in a NW Region of Spain. <i>Water, Air, and Soil Pollution</i> , 2000, 117, 289-303.	2.4	8
45	On void time determination in thermal field-flow fractionation. <i>Journal of Chromatography A</i> , 2002, 960, 165-174.	3.7	6
46	Analysis of formic and acetic acid in rain water by capillary electrophoresis. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 247-253.	3.3	4
47	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. <i>Journal of Analytical Chemistry</i> , 2020, 75, 34-43.	0.9	3
48	Effects of temperature and salinity on the dinoflagellate <i>alexandrium lusitanicum</i> . I. cell volume, cell concentrations in the culture and cellular composition. <i>Environmental Technology (United Kingdom)</i> , 1992, 13, 791-795.	2.2	0
49	Effects of temperature and salinity on the dinoflagellate <i>alexandrium lusitanicum</i> . II. excreted carbohydrates. <i>Environmental Technology (United Kingdom)</i> , 1992, 13, 791-795.	2.2	0
50	Carbon Nanotubes as Solid-Phase Extraction Sorbents Prior to Atomic Spectrometric Determination of Metal Species: Determination of Lead in Urine. , 0, , .		0