ClÃ©sia C Nascentes

List of Publications by Year
in descending order

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64 papers	1,730 citations	257450 24 h-index	289244 40 g-index
64 all docs	64 docs citations	64 times ranked	2153 citing authors

#	Article	IF	Citations
1	Cloud point formation based on mixed micelles in the presence of electrolytes for cobalt extraction and preconcentration. Talanta, 2003, 61, 759-768.	5.5	145
2	A fast ultrasound-assisted extraction of Ca, Mg, Mn and Zn from vegetables. Microchemical Journal, 2001, 69, 37-43.	4.5	114
3	Heavy Metal Availability in Soil Amended with Composted Urban Solid Wastes. Environmental Monitoring and Assessment, 2006, 112, 309-326.	2.7	92
4	Acid extraction and cloud point preconcentration as sample preparation strategies for cobalt determination in biological materials by thermospray flame furnace atomic absorption spectrometry. Microchemical Journal, 2006, 82, 189-195.	4.5	86
5	Direct determination of Cu, Mn, Pb, and Zn in beer by thermospray flame furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 749-753.	2.9	83
6	Use of ultrasonic baths for analytical applications: a new approach for optimisation conditions. Journal of the Brazilian Chemical Society, 2001, 12, 57-63.	0.6	75
7	Direct determination of Cu and Zn in fruit juices and bovine milk by thermospray flame furnace atomic absorption spectrometry. Talanta, 2004, 64, 912-917.	5.5	63
8	Use of activated carbon as a reactive support to produce highly active-regenerable Fe-based reduction system for environmental remediation. Chemosphere, 2010, 81, 7-12.	8.2	55
9	Cloud point extraction for determination of cadmium in soft drinks by thermospray flame furnace atomic absorption spectrometry. Microchemical Journal, 2011, 97, 118-121.	4.5	54
10	Development of a simple method for the determination of lead in lipstick using alkaline solubilization and graphite furnace atomic absorption spectrometry. Talanta, 2013, 105, 272-277.	5.5	52
11	Photolytic degradation of the insecticide thiamethoxam in aqueous medium monitored by direct infusion electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2007, 42, 1319-1325.	1.6	48
12	Correlation between the natural levels of selenium and soil physicochemical characteristics from the Jequitinhonha Valley (MG), Brazil. Journal of Geochemical Exploration, 2017, 172, 195-202.	3.2	46
13	Evaluation of the composition of street cocaine seized in two regions of Brazil. Science and Justice - Journal of the Forensic Science Society, 2013, 53, 425-432.	2.1	45
14	Multivariate optimization by exploratory analysis applied to the determination of microelements in fruit juice by inductively coupled plasma optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 619-622.	2.9	40
15	Distribution and environmental impact evaluation of metals in sediments from the Doce River Basin, Brazil. Environmental Earth Sciences, 2015, 74, 1235-1248.	2.7	40
16	Evaluation of the potential of microalgae Microcystis novacekii in the removal of Pb2+ from an aqueous medium. Journal of Hazardous Materials, 2010, 179, 947-953.	12.4	39
17	Electrospray ionization mass spectrometry monitoring of indigo carmine degradation by advanced oxidative processes. Journal of Mass Spectrometry, 2007, 42, 1273-1278.	1.6	34
18	Exploratory analysis and inductively coupled plasma optical emission spectrometry (ICP OES) applied in the determination of metals in soft drinks. Microchemical Journal, 2009, 92, 68-72.	4.5	34

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19	Comparative study of conventional and multivariate methods for aluminum determination in soft drinks by graphite furnace atomic absorption spectrometry. Microchemical Journal, 2006, 82, 168-173.	4.5	32
20	Degradation of the insecticides thiamethoxam and imidacloprid by zeroâ€valent metals exposed to ultrasonic irradiation in water medium: electrospray ionization mass spectrometry monitoring. Rapid Communications in Mass Spectrometry, 2008, 22, 3472-3480.	1.5	31
21	Supramolecular microextraction combined with paper spray ionization mass spectrometry for sensitive determination of tricyclic antidepressants in urine. Analytica Chimica Acta, 2020, 1106, 52-60.	5.4	28
22	A simple method for the multi-elemental analysis of beer using total reflection X-ray fluorescence. Talanta, 2017, 174, 274-278.	5.5	27
23	Continuous photometric method for the screening of human urines for phenothiazines. Analytica Chimica Acta, 2002, 462, 275-281.	5.4	25
24	Indigo Carmine degradation by hypochlorite in aqueous medium monitored by electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 1893-1899.	1.5	24
25	Degradation of the insecticides Thiamethoxam and Imidacloprid in aqueous solution as promoted by an innovative FeÂº/Fe3O4 composite. Journal of the Brazilian Chemical Society, 2009, 20, 51-56.	0.6	24
26	<scp>LSD</scp> and 9,10â€dihydroâ€<scp>LSD</scp> Analyses in Street Drug Blotter Samples via Easy Ambient Sonicâ€Spray Ionization MassSpectrometry (<scp>EASI</scp>â€<scp>MS</scp>). Journal of Forensic Sciences, 2012, 57, 1307-1312.	1.6	22
27	Fast determination of trace elements in organic fertilizers using a cup-horn reactor for ultrasound-assisted extraction and fast sequential flame atomic absorption spectrometry. Talanta, 2014, 119, 232-239.	5.5	22
28	A simple method for the multi-elemental analysis of organic fertilizer by slurry sampling and total reflection X-ray fluorescence. Talanta, 2016, 147, 485-492.	5.5	20
29	Arsenic Root Sequestration by a Tropical Woody Legume as Affected by Arbuscular Mycorrhizal Fungi and Organic Matter: Implications for Land Reclamation. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	19
30	Electrochemical detection of 2,4,6-trinitrotoluene on carbon nanotube modified electrode: Effect of acid functionalization. Journal of Solid State Electrochemistry, 2020, 24, 121-129.	2.5	19
31	Arsenic and Mercury mobility in brazilian sediments from the SÃ£o Francisco River Basin. Journal of the Brazilian Chemical Society, 2011, 22, 910-918.	0.6	18
32	Cellulose cone tip as a sorbent material for multiphase electrical field-assisted extraction of cocaine from saliva and determination by LC-MS/MS. Talanta, 2020, 208, 120353.	5.5	18
33	Determination of cocaine in postmortem human liver exposed to overdose. Application of an innovative and efficient extraction/clean up procedure and gas chromatographyâ€“mass spectrometry analysis. Journal of Chromatography A, 2013, 1309, 15-21.	3.7	17
34	Production of activated carbon from biodiesel solid residues: An alternative for hazardous metal sorption from aqueous solution. Journal of Environmental Management, 2015, 162, 123-131.	7.8	17
35	Evaluation of selenium behavior in thermospray flame furnace atomic absorption spectrometry. Talanta, 2007, 73, 845-849.	5.5	14
36	Efficient removal of Cd2+ from aqueous solutions using by-product of biodiesel production. Journal of Hazardous Materials, 2012, 237-238, 170-179.	12.4	14

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37	Ozonation of ethinylestradiol in aqueous-methanolic solution: direct monitoring by electrospray ionization mass spectrometry. Journal of the Brazilian Chemical Society, 2010, 21, 787-794.	0.6	13
38	Evaluation of signal-to-background and Mg II/Mg I ratios as response for the optimization of rare earth elements determination by inductively coupled plasma optical emission spectrometry. Journal of the Brazilian Chemical Society, 2012, 23, 753-762.	0.6	13
39	Cadmium and lead cloud point preconcentration and determination in tobacco samples by thermospray flame furnace atomic absorption spectrometry. Journal of the Brazilian Chemical Society, 2009, 20, 1460-1466.	0.6	12
40	Direct Determination of Molybdenum in Milk and Infant Food Samples Using Slurry Sampling and Graphite Furnace Atomic Absorption Spectrometry. Food Analytical Methods, 2011, 4, 41-48.	2.6	11
41	Highâ€Throughput Microwaveâ€Assisted Digestion and Extraction Procedures for Agricultural Materials. Communications in Soil Science and Plant Analysis, 2007, 38, 2333-2345.	1.4	10
42	Indirect determination of iodide by tungsten coil atomic emission spectrometry. Microchemical Journal, 2009, 93, 242-246.	4.5	10
43	Removal of root apices enables study of direct toxic effects of aluminum on rice (Oryza sativa L.) leaf cells. Environmental and Experimental Botany, 2013, 95, 41-49.	4.2	10
44	Arbuscular Mycorrhizal Fungi and Arsenate Uptake byBrachiariaGrass (Brachiaria decumbens). Bioremediation Journal, 2015, 19, 151-159.	2.0	9
45	Development and comparison of two analytical methods to quantify the mercury content in honey. Journal of Food Composition and Analysis, 2014, 34, 1-6.	3.9	8
46	Phosphate ester cleavage by a positively charged porous silica adorned with lanthanum (III). Microporous and Mesoporous Materials, 2018, 268, 144-152.	4.4	8
47	A simple method for glass analysis using total reflection X-ray fluorescence spectrometry. Talanta, 2022, 243, 123354.	5.5	8
48	A Simple and Fast Method for Manganese Determination in Antihypertensive Drugs by Slurry Sampling Graphite Furnace Atomic Absorption Spectrometry. Analytical Letters, 2007, 40, 1736-1749.	1.8	7
49	Simultaneous quantification of amphetamines and ephedrines in urine by GC/MS using analytical-grade acetic anhydride/pyridine as derivatizing reagents: a suitable approach to reduce costs of routine analyses. Journal of the Brazilian Chemical Society, 2009, 20, 348-359.	0.6	7
50	Desorption electrospray ionization mass spectrometry (DESI-MS) applied to the speciation of arsenic compounds from fern leaves. Analytical and Bioanalytical Chemistry, 2013, 405, 7643-7651.	3.7	7
51	Determination of Inorganic Elements in Teas Using Inductively Coupled Plasma Optical Emission Spectrometry and Classification with Exploratory Analysis. Food Analytical Methods, 2014, 7, 540-546.	2.6	7
52	Experimentos didÃ¡ticos envolvendo radiaÃ§Ã£o microondas. Quimica Nova, 2004, 27, 1012-1015.	0.3	6
53	Development of a method for the direct determination of arsenate in honey by hydride generation atomic absorption spectrometry. Analytical Methods, 2012, 4, 2068.	2.7	6
54	Validation of a microwave-assisted digestion procedure of pÃ¢tÃ© samples using diluted HNO3 for Fe and Zn determination by FS FAAS. Analytical Methods, 2013, 5, 6411.	2.7	6

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55	Effects of composted urban solid waste addition on yield and metal contents of lettuce. Journal of the Brazilian Chemical Society, 2007, 18, 195-204.	0.6	5
56	Exploratory Analysis for Elemental Characterization of Biomass Residues From Biodiesel Production by Inductively Coupled Plasma Optical Emission Spectrometry. Analytical Letters, 2012, 45, 2835-2844.	1.8	5
57	Simple Method for Determination of Lead in Hair Dyes Using Slurry Sampling Graphite Furnace Atomic Absorption Spectrometry. Analytical Letters, 2013, 46, 356-366.	1.8	5
58	Electrochemical Oxidation of Ethinylestradiol on a Commercial Ti/Ru0.3 Ti0.7O2 DSA Electrode. ISRN Environmental Chemistry, 2013, 2013, 1-7.	0.9	5
59	A dilute-and-shoot sample preparation strategy for new and used lubricating oils for Ca, P, S and Zn determination by total reflection X-ray fluorescence. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 139, 1-5.	2.9	5
60	Experimentos didÃ¡ticos em quÃmica analÃtica envolvendo separaÃ§Ã£o de fases e prÃ©-concentraÃ§Ã£o. Quimica Nova, 2002, 25, 483-489.	0.3	4
61	Comparative studies of univariate and multivariate optimizations for manganese determination in antihypertensive drugs by electrothermal atomic absorption spectrometry. Canadian Journal of Chemistry, 2007, 85, 619-625.	1.1	3
62	Feasibility of a New Method for Identification and Discrimination of Gunshot Residues by Total Reflection X-Ray Fluorescence and Principal Component Analysis. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
63	Use of Biodiesel Press Cake Waste to Prepare Fe/Carbon Reactive Composites for Environmental Applications: Removal of Hazardous Cr^{VI}Contaminants. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
64	Toxicity of Carnoy's solution toward human keratinocytes: an in vitro study. Brazilian Oral Research, 2021, 35, e124.	1.4	0