

# Clã©sia C Nascentes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6470011/publications.pdf>

Version: 2024-02-01

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	A simple method for glass analysis using total reflection X-ray fluorescence spectrometry. <i>Talanta</i> , 2022, 243, 123354.	5.5	8
2	Toxicity of Carnoy's solution toward human keratinocytes: an in vitro study. <i>Brazilian Oral Research</i> , 2021, 35, e124.	1.4	0
3	Cellulose cone tip as a sorbent material for multiphase electrical field-assisted extraction of cocaine from saliva and determination by LC-MS/MS. <i>Talanta</i> , 2020, 208, 120353.	5.5	18
4	Electrochemical detection of 2,4,6-trinitrotoluene on carbon nanotube modified electrode: Effect of acid functionalization. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 121-129.	2.5	19
5	Supramolecular microextraction combined with paper spray ionization mass spectrometry for sensitive determination of tricyclic antidepressants in urine. <i>Analytica Chimica Acta</i> , 2020, 1106, 52-60.	5.4	28
6	Phosphate ester cleavage by a positively charged porous silica adorned with lanthanum (III). <i>Microporous and Mesoporous Materials</i> , 2018, 268, 144-152.	4.4	8
7	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 139, 1-5.	2.9	5
8	A simple method for the multi-elemental analysis of beer using total reflection X-ray fluorescence. <i>Talanta</i> , 2017, 174, 274-278.	5.5	27
9	Correlation between the natural levels of selenium and soil physicochemical characteristics from the Jequitinhonha Valley (MG), Brazil. <i>Journal of Geochemical Exploration</i> , 2017, 172, 195-202.	3.2	46
10	A simple method for the multi-elemental analysis of organic fertilizer by slurry sampling and total reflection X-ray fluorescence. <i>Talanta</i> , 2016, 147, 485-492.	5.5	20
11	Arbuscular Mycorrhizal Fungi and Arsenate Uptake by <i>Brachiaria</i> Grass ( <i>Brachiaria decumbens</i> ). <i>Bioremediation Journal</i> , 2015, 19, 151-159.	2.0	9
12	Distribution and environmental impact evaluation of metals in sediments from the Doce River Basin, Brazil. <i>Environmental Earth Sciences</i> , 2015, 74, 1235-1248.	2.7	40
13	Production of activated carbon from biodiesel solid residues: An alternative for hazardous metal sorption from aqueous solution. <i>Journal of Environmental Management</i> , 2015, 162, 123-131.	7.8	17
14	Use of Biodiesel Press Cake Waste to Prepare Fe/Carbon Reactive Composites for Environmental Applications: Removal of Hazardous Cr <sup>VI</sup> Contaminants. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	2
15	Development and comparison of two analytical methods to quantify the mercury content in honey. <i>Journal of Food Composition and Analysis</i> , 2014, 34, 1-6.	3.9	8
16	Fast determination of trace elements in organic fertilizers using a cup-horn reactor for ultrasound-assisted extraction and fast sequential flame atomic absorption spectrometry. <i>Talanta</i> , 2014, 119, 232-239.	5.5	22
17	Arsenic Root Sequestration by a Tropical Woody Legume as Affected by Arbuscular Mycorrhizal Fungi and Organic Matter: Implications for Land Reclamation. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	19
18	Determination of Inorganic Elements in Teas Using Inductively Coupled Plasma Optical Emission Spectrometry and Classification with Exploratory Analysis. <i>Food Analytical Methods</i> , 2014, 7, 540-546.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Desorption electrospray ionization mass spectrometry (DESI-MS) applied to the speciation of arsenic compounds from fern leaves. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7643-7651.	3.7	7
20	Removal of root apices enables study of direct toxic effects of aluminum on rice ( <i>Oryza sativa</i> L.) leaf cells. <i>Environmental and Experimental Botany</i> , 2013, 95, 41-49.	4.2	10
21	Evaluation of the composition of street cocaine seized in two regions of Brazil. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2013, 53, 425-432.	2.1	45
22	Validation of a microwave-assisted digestion procedure of p <sub>h</sub> samples using diluted HNO <sub>3</sub> for Fe and Zn determination by FS FAAS. <i>Analytical Methods</i> , 2013, 5, 6411.	2.7	6
23	Determination of cocaine in postmortem human liver exposed to overdose. Application of an innovative and efficient extraction/clean up procedure and gas chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2013, 1309, 15-21.	3.7	17
24	Development of a simple method for the determination of lead in lipstick using alkaline solubilization and graphite furnace atomic absorption spectrometry. <i>Talanta</i> , 2013, 105, 272-277.	5.5	52
25	Simple Method for Determination of Lead in Hair Dyes Using Slurry Sampling Graphite Furnace Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2013, 46, 356-366.	1.8	5
26	Electrochemical Oxidation of Ethinylestradiol on a Commercial Ti/Ru0.3 Ti0.7O <sub>2</sub> DSA Electrode. <i>ISRN Environmental Chemistry</i> , 2013, 2013, 1-7.	0.9	5
27	Exploratory Analysis for Elemental Characterization of Biomass Residues From Biodiesel Production by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Analytical Letters</i> , 2012, 45, 2835-2844.	1.8	5
28	LSD and 9,10-dihydro-LSD Analyses in Street Drug Blotter Samples via Easy Ambient Sonic Spray Ionization Mass Spectrometry (EASI-MS). <i>Journal of Forensic Sciences</i> , 2012, 57, 1307-1312.	1.6	22
29	Efficient removal of Cd <sup>2+</sup> from aqueous solutions using by-product of biodiesel production. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 170-179.	12.4	14
30	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. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 753-762.	0.6	13
31	Development of a method for the direct determination of arsenate in honey by hydride generation atomic absorption spectrometry. <i>Analytical Methods</i> , 2012, 4, 2068.	2.7	6
32	Arsenic and Mercury mobility in Brazilian sediments from the São Francisco River Basin. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 910-918.	0.6	18
33	Direct Determination of Molybdenum in Milk and Infant Food Samples Using Slurry Sampling and Graphite Furnace Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2011, 4, 41-48.	2.6	11
34	Cloud point extraction for determination of cadmium in soft drinks by thermospray flame furnace atomic absorption spectrometry. <i>Microchemical Journal</i> , 2011, 97, 118-121.	4.5	54
35	Ozonation of ethinylestradiol in aqueous-methanolic solution: direct monitoring by electrospray ionization mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 787-794.	0.6	13
36	Use of activated carbon as a reactive support to produce highly active-regenerable Fe-based reduction system for environmental remediation. <i>Chemosphere</i> , 2010, 81, 7-12.	8.2	55

#	ARTICLE	IF	CITATIONS
37	Evaluation of the potential of microalgae <i>Microcystis novacekii</i> in the removal of Pb <sup>2+</sup> from an aqueous medium. <i>Journal of Hazardous Materials</i> , 2010, 179, 947-953.	12.4	39
38	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. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 348-359.	0.6	7
39	Degradation of the insecticides Thiamethoxam and Imidacloprid in aqueous solution as promoted by an innovative Fe <sup>0</sup> /Fe <sub>3</sub> O <sub>4</sub> composite. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 51-56.	0.6	24
40	Cadmium and lead cloud point preconcentration and determination in tobacco samples by thermospray flame furnace atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1460-1466.	0.6	12
41	Exploratory analysis and inductively coupled plasma optical emission spectrometry (ICP OES) applied in the determination of metals in soft drinks. <i>Microchemical Journal</i> , 2009, 92, 68-72.	4.5	34
42	Indirect determination of iodide by tungsten coil atomic emission spectrometry. <i>Microchemical Journal</i> , 2009, 93, 242-246.	4.5	10
43	Multivariate optimization by exploratory analysis applied to the determination of microelements in fruit juice by inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 619-622.	2.9	40
44	Degradation of the insecticides thiamethoxam and imidacloprid by zero-valent metals exposed to ultrasonic irradiation in water medium: electrospray ionization mass spectrometry monitoring. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3472-3480.	1.5	31
45	High-Throughput Microwave-Assisted Digestion and Extraction Procedures for Agricultural Materials. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 2333-2345.	1.4	10
46	Evaluation of selenium behavior in thermospray flame furnace atomic absorption spectrometry. <i>Talanta</i> , 2007, 73, 845-849.	5.5	14
47	A Simple and Fast Method for Manganese Determination in Antihypertensive Drugs by Slurry Sampling Graphite Furnace Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2007, 40, 1736-1749.	1.8	7
48	Comparative studies of univariate and multivariate optimizations for manganese determination in antihypertensive drugs by electrothermal atomic absorption spectrometry. <i>Canadian Journal of Chemistry</i> , 2007, 85, 619-625.	1.1	3
49	Effects of composted urban solid waste addition on yield and metal contents of lettuce. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 195-204.	0.6	5
50	Electrospray ionization mass spectrometry monitoring of indigo carmine degradation by advanced oxidative processes. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1273-1278.	1.6	34
51	Photolytic degradation of the insecticide thiamethoxam in aqueous medium monitored by direct infusion electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1319-1325.	1.6	48
52	Indigo Carmine degradation by hypochlorite in aqueous medium monitored by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1893-1899.	1.5	24
53	Acid extraction and cloud point preconcentration as sample preparation strategies for cobalt determination in biological materials by thermospray flame furnace atomic absorption spectrometry. <i>Microchemical Journal</i> , 2006, 82, 189-195.	4.5	86
54	Comparative study of conventional and multivariate methods for aluminum determination in soft drinks by graphite furnace atomic absorption spectrometry. <i>Microchemical Journal</i> , 2006, 82, 168-173.	4.5	32

#	ARTICLE	IF	CITATIONS
55	Heavy Metal Availability in Soil Amended with Composted Urban Solid Wastes. Environmental Monitoring and Assessment, 2006, 112, 309-326.	2.7	92
56	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
57	Experimentos didáticos envolvendo radiação microondas. Química Nova, 2004, 27, 1012-1015.	0.3	6
58	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
59	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
60	Continuous photometric method for the screening of human urines for phenothiazines. Analytica Chimica Acta, 2002, 462, 275-281.	5.4	25
61	Experimentos didáticos em química analítica envolvendo separação de fases e pré-concentração. Química Nova, 2002, 25, 483-489.	0.3	4
62	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
63	A fast ultrasound-assisted extraction of Ca, Mg, Mn and Zn from vegetables. Microchemical Journal, 2001, 69, 37-43.	4.5	114
64	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