

Wladiana O Matos

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

324
citations

1039406

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all docs

24
docs citations

24
times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Ca in breakfast cereals by laser induced breakdown spectroscopy. <i>Food Control</i> , 2010, 21, 1327-1330.	2.8	52
2	Comparison between boiling and vacuum cooking (sous-vide) in the bioaccessibility of minerals in bovine liver samples. <i>Food Research International</i> , 2017, 100, 566-571.	2.9	39
3	Evaluation and determination of chloride in crude oil based on the counterions Na, Ca, Mg, Sr and Fe, quantified via ICP-OES in the crude oil aqueous extract. <i>Fuel</i> , 2015, 154, 181-187.	3.4	37
4	Determination of cadmium, cobalt, copper, lead, nickel and zinc contents in saline produced water from the petroleum industry by ICP OES after cloud point extraction. <i>Analytical Methods</i> , 2015, 7, 9844-9849.	1.3	29
5	The combination of infrared and microwave radiation to quantify trace elements in organic samples by ICP OES. <i>Talanta</i> , 2013, 107, 292-296.	2.9	21
6	Development of a wet digestion method for paints for the determination of metals and metalloids using inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , 2016, 146, 188-194.	2.9	18
7	Evaluation of the mineral profile of textile materials using inductively coupled plasma optical emission spectrometry and chemometrics. <i>Journal of Hazardous Materials</i> , 2010, 182, 325-330.	6.5	17
8	Optimization of a cloud point extraction procedure with response surface methodology for the quantification of dissolved iron in produced water from the petroleum industry using FAAS. <i>Marine Pollution Bulletin</i> , 2017, 114, 786-791.	2.3	16
9	A new approach to mineralization of flaxseed (<i>Linum usitatissimum</i> L.) for trace element analysis by flame atomic absorption spectrometry. <i>Food Chemistry</i> , 2017, 224, 335-341.	4.2	15
10	The concentration of polyphenolic compounds and trace elements in the <i>Coffea arabica</i> leaves: Potential chemometric pattern recognition of coffee leaf rust resistance. <i>Food Research International</i> , 2020, 134, 109221.	2.9	10
11	Characterization of Carnauba Wax Inorganic Content. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2013, 90, 1475-1483.	0.8	9
12	Partial microwave-assisted wet digestion of animal tissue using a baby-bottle sterilizer for analyte determination by inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 615-618.	1.5	8
13	Infrared radiation as a heat source in sample preparation of shrimp for trace element analysis. <i>Journal of Food Composition and Analysis</i> , 2019, 79, 107-113.	1.9	8
14	Non-chromatographic arsenic speciation analyses in wild shrimp (<i>Farfantepenaeus brasiliensis</i>) using functionalized magnetic iron-nanoparticles. <i>Food Chemistry</i> , 2021, 345, 128781.	4.2	8
15	Investigation of a rapid infrared heating assisted mineralization of soybean matrices for trace element analysis. <i>Food Chemistry</i> , 2019, 280, 96-102.	4.2	6
16	Evaluation of metabisulfite and a commercial steel wool for removing chromium(VI) from wastewater. <i>Environmental Chemistry Letters</i> , 2010, 8, 73-77.	8.3	5
17	Especiação redox de cromo em solo acidentalmente contaminado com solução sulfocrômica. <i>Química Nova</i> , 2008, 31, 1450-1454.	0.3	5
18	Especiação de cromo em cimentos e derivados de cimento brasileiros. <i>Química Nova</i> , 2009, 32, 2094-2097.	0.3	5

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19	Infrared Radiation Applied as a Heating Source in Milk Sample Preparation for the Determination of Trace Elements by Inductively Coupled Plasma-Optical Emission Spectroscopy. <i>Revista Virtual De Quimica</i> , 2017, 9, 2226-2236.	0.1	4
20	TREATMENT OF WASTE FROM ATOMIC EMISSION SPECTROMETRIC TECHNIQUES AND REUSE IN UNDERGRADUATE LAB CLASSES FOR QUALITATIVE ANALYSIS. <i>Quimica Nova</i> , 2015, , .	0.3	4
21	Wild shrimp have an order of magnitude higher arsenic concentrations than farmed shrimp from Brazil illustrating the need for a regulation based on inorganic arsenic. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 71, 126968.	1.5	4
22	Optimization of the ICP OES Operational Parameters for Determination of Metals in Heavy Crude Oil after Microwave Digestion. <i>Revista Virtual De Quimica</i> , 2017, 9, 1658-1671.	0.1	2
23	Pressurized System and Microwave-Assisted Extraction for Rapid Analysis of Fiber in Animal Feedstuffs. <i>Analytical Letters</i> , 2008, 41, 1633-1639.	1.0	1
24	Characterization of Mineral Content in Fruits of Northeast Agrobiodiversity of Brazil. <i>Brazilian Archives of Biology and Technology</i> , 0, 65, .	0.5	1