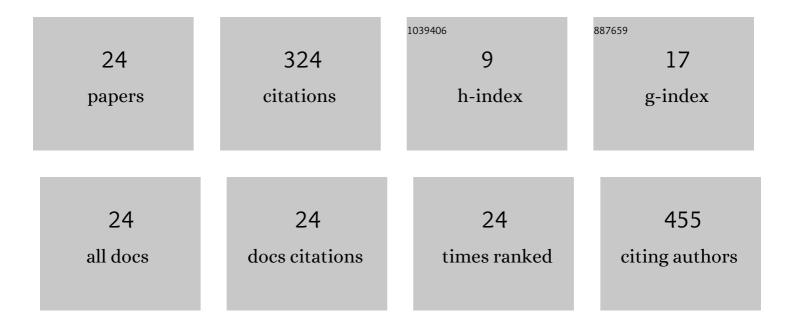
Wladiana O Matos

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Determination of Ca in breakfast cereals by laser induced breakdown spectroscopy. Food Control, 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. Food Research International, 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. Fuel, 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. Analytical Methods, 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. Talanta, 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. Talanta, 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. Journal of Hazardous Materials, 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. Marine Pollution Bulletin, 2017, 114, 786-791.	2.3	16
9	A new approach to mineralization of flaxseed (Linum usitatissimum L.) for trace element analysis by flame atomic absorption spectrometry. Food Chemistry, 2017, 224, 335-341.	4.2	15
10	The concentration of polyphenolic compounds and trace elements in the Coffea arabica leaves: Potential chemometric pattern recognition of coffee leaf rust resistance. Food Research International, 2020, 134, 109221.	2.9	10
11	Characterization of Carnauba Wax Inorganic Content. JAOCS, Journal of the American Oil Chemists' Society, 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. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 615-618.	1.5	8
13	Infrared radiation as a heat source in sample preparation of shrimp for trace element analysis. Journal of Food Composition and Analysis, 2019, 79, 107-113.	1.9	8
14	Non-chromatographic arsenic speciation analyses in wild shrimp (Farfantepenaeus brasiliensis) using functionalized magnetic iron-nanoparticles. Food Chemistry, 2021, 345, 128781.	4.2	8
15	Investigation of a rapid infrared heating assisted mineralization of soybean matrices for trace element analysis. Food Chemistry, 2019, 280, 96-102.	4.2	6
16	Evaluation of metabisulfite and a commercial steel wool for removing chromium(VI) from wastewater. Environmental Chemistry Letters, 2010, 8, 73-77.	8.3	5
17	Especiação redox de cromo em solo acidentalmente contaminado com solução sulfocrômica. Quimica Nova, 2008, 31, 1450-1454.	0.3	5
18	Especiação de cromo em cimentos e derivados de cimento brasileiros. Quimica Nova, 2009, 32, 2094-2097	0.3	5

#	Article	IF	CITATIONS
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. Revista Virtual De Quimica, 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. Quimica Nova, 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. Journal of Trace Elements in Medicine and Biology, 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. Revista Virtual De Quimica, 2017, 9, 1658-1671.	0.1	2
23	Pressurized System and Microwave-Assisted Extraction for Rapid Analysis of Fiber in Animal Feedstuffs. Analytical Letters, 2008, 41, 1633-1639.	1.0	1
24	Characterization of Mineral Content in Fruits of Northeast Agrobiodiversity of Brazil. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	1