

Rochele S Picoloto

List of Publications by Year in descending order

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40
papers

960
citations

448610

19
h-index

511568

30
g-index

40
all docs

40
docs citations

40
times ranked

940
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-assisted extraction for further Cl, Br, and I determination in medicinal plants by ICP-MS: a study of carbon interferences. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 535-543.	1.6	8
2	Development of Green Methods for the Determination of Elemental Impurities in Commercial Pharmaceutical Tablets. <i>Sustainability</i> , 2022, 14, 422.	1.6	2
3	Environmental and human health risks associated with exposure to hazardous elements present in urban dust from Barranquilla, Colombian Caribbean. <i>Journal of Environmental Quality</i> , 2021, 50, 350-363.	1.0	11
4	A solid sampling approach for direct determination of Cl and S in flour by an elemental analyzer. <i>Food Chemistry</i> , 2021, 344, 128671.	4.2	1
5	Reversed-Phase Dispersive Liquid-Liquid Microextraction (RP-DLLME) as a Green Sample Preparation Method for Multielement Determination in Fish Oil by ICP-OES. <i>Food Analytical Methods</i> , 2020, 13, 230-237.	1.3	17
6	Determination of halogens and sulfur in honey: a green analytical method using a single analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6475-6484.	1.9	18
7	Challenges and trends for halogen determination by inductively coupled plasma mass spectrometry: A review. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8727.	0.7	27
8	A sample preparation method for fluoride detection by potentiometry with ion-selective electrode in medicinal plants. <i>Journal of Fluorine Chemistry</i> , 2020, 231, 109459.	0.9	13
9	Indirect determination of chlorine and fluorine in eye shadow by ion chromatography after an eco-friendly sample preparation method based on combustion reaction. <i>Microchemical Journal</i> , 2019, 150, 104125.	2.3	10
10	Successive digestions for pre-concentration and ultra-trace determination of Br and I by plasma-based atomic spectrometry and ion chromatography. <i>Microchemical Journal</i> , 2019, 147, 239-244.	2.3	12
11	Feasibility of pyrohydrolysis as a clean method for further fluorine determination by ISE and IC in high purity nuclear grade alumina. <i>Microchemical Journal</i> , 2019, 146, 645-649.	2.3	11
12	A simple, rapid and low cost reversed-phase dispersive liquid-liquid microextraction for the determination of Na, K, Ca and Mg in biodiesel. <i>Talanta</i> , 2019, 199, 1-7.	2.9	36
13	An in situ pre-concentration method for fluorine determination based on successive digestions by microwave-induced combustion. <i>Talanta</i> , 2019, 194, 314-319.	2.9	14
14	Microwave-Induced Combustion. , 2018, , 98-98.		0
15	Accurate determination of bromine and iodine in medicinal plants by inductively coupled plasma-mass spectrometry after microwave-induced combustion. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 138, 58-63.	1.5	16
16	Investigating essential and toxic elements in Antarctic macroalgae using a green analytical method. <i>Journal of Applied Phycology</i> , 2017, 29, 741-749.	1.5	8
17	Determination of Inorganic Contaminants in Electrical and Electronic Equipment after Digestion Using Microwave-Assisted Single Reaction Chamber. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	1
18	Halogen determination in food and biological materials using plasma-based techniques: challenges and trends of sample preparation. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1243-1261.	1.6	68

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19	Evaluation of bromine and iodine content of milk whey proteins combining digestion by microwave-induced combustion and ICP-MS determination. <i>Food Chemistry</i> , 2016, 190, 364-367.	4.2	29
20	Feasibility of halogen determination in noncombustible inorganic matrices by ion chromatography after a novel volatilization method using microwave-induced combustion. <i>Talanta</i> , 2016, 147, 76-81.	2.9	40
21	Simultaneous determination of bromine and iodine in milk powder for adult and infant nutrition by plasma based techniques after digestion using microwave-induced combustion. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 107, 86-92.	1.5	39
22	Olive leaves offer more than phenolic compounds – Fatty acids and mineral composition of varieties from Southern Brazil. <i>Industrial Crops and Products</i> , 2015, 71, 122-127.	2.5	44
23	Feasibility of ultra-trace determination of bromine and iodine in honey by ICP-MS using high sample mass in microwave-induced combustion. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7957-7964.	1.9	37
24	Microwave-assisted ultraviolet digestion of petroleum coke for the simultaneous determination of nickel, vanadium and sulfur by ICP-OES. <i>Talanta</i> , 2015, 144, 1052-1058.	2.9	44
25	Ultraviolet radiation combined with microwave-assisted wet digestion of Antarctic seaweeds for further determination of toxic elements by ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 260-266.	1.6	32
26	BROMINE AND IODINE DETERMINATION IN EDIBLE SEAWEED BY ICP-MS AFTER DIGESTION BY MICROWAVE-INDUCED COMBUSTION. <i>Quimica Nova</i> , 2014, , .	0.3	3
27	Effects of Hg(II) Exposure on MAPK Phosphorylation and Antioxidant System in <i>D. melanogaster</i> . <i>Environmental Toxicology</i> , 2014, 29, 621-630.	2.1	64
28	Combining pyrohydrolysis and ICP-MS for bromine and iodine determination in airborne particulate matter. <i>Microchemical Journal</i> , 2014, 116, 225-229.	2.3	22
29	Development of methods for the determination of cadmium and thallium in oil shale by-products with graphite furnace atomic absorption spectrometry using direct analysis. <i>Microchemical Journal</i> , 2014, 116, 55-61.	2.3	17
30	Determination of toxic elements in tricyclic active pharmaceutical ingredients by ICP-MS: a critical study of digestion methods. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 352.	1.6	34
31	Determination of bromine and iodine in shrimp and its parts by ICP-MS after decomposition using microwave-induced combustion. <i>Analytical Methods</i> , 2014, 6, 7540.	1.3	33
32	Simple and Fast Method for Iron Determination in White and Red Wines Using Dispersive Liquid-Liquid Microextraction and Ultraviolet-Visible Spectrophotometry. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 8340-8345.	2.4	19
33	High-Efficiency Microwave-Assisted Digestion Combined to in Situ Ultraviolet Radiation for the Determination of Rare Earth Elements by Ultrasonic Nebulization ICPMS in Crude Oils. <i>Analytical Chemistry</i> , 2013, 85, 11034-11040.	3.2	47
34	Determination of inorganic pollutants in soil after volatilization using microwave-induced combustion. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 86, 123-130.	1.5	21
35	Determination of Basic Nitrogen in Residues of Crude Oil Distillation Using ATR-FTIR and Chemometric Methods. <i>Analytical Letters</i> , 2013, 46, 2879-2889.	1.0	5
36	Mercury determination in soil by CVG-ICP-MS after volatilization using microwave-induced combustion. <i>Analytical Methods</i> , 2012, 4, 630-636.	1.3	30

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37	Assessment of inorganic contaminants in golden mussel (<i>Limnoperna fortunei</i>) in Southern Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 846-853.	0.6	12
38	Simultaneous diffuse reflectance infrared determination of clavulanic acid and amoxicillin using multivariate calibration techniques. <i>Drug Testing and Analysis</i> , 2012, 4, 500-506.	1.6	9
39	Total sulfur determination in residues of crude oil distillation using FT-IR/ATR and variable selection methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 89, 82-87.	2.0	47
40	Microwave-assisted digestion in closed vessels: effect of pressurization with oxygen on digestion process with diluted nitric acid. <i>Analytical Methods</i> , 2010, 2, 734.	1.3	59