Edilene Cristina Ferreira

List of Publications by Year
in descending order

27	722	567281 15	526287 27
papers	citations	h-index	g-index

27	27	27	719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Artificial neural network for Cu quantitative determination in soil using a portable Laser Induced Breakdown Spectroscopy system. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 1216-1220.	2.9	112
2	Laser-induced breakdown spectroscopy to determine soil texture: A fast analytical technique. Geoderma, 2016, 263, 195-202.	5.1	53
3	Determination of Ca in breakfast cereals by laser induced breakdown spectroscopy. Food Control, 2010, 21, 1327-1330.	5.5	52
4	Laser-induced breakdown spectroscopy: Extending its application to soil pH measurements. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 110, 96-99.	2.9	49
5	Evaluation of laser induced breakdown spectroscopy for multielemental determination in soils under sewage sludge application. Talanta, 2011, 85, 435-440.	5.5	47
6	Novel estimation of the humification degree of soil organic matter by laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 99, 76-81.	2.9	45
7	Effect of drying method and length of storage on tannin and total phenol concentrations in Pigeon pea seeds. Food Chemistry, 2004, 86, 17-23.	8.2	42
8	Total carbon measurement in whole tropical soil sample. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 1221-1224.	2.9	40
9	Determinations of phosphorus in fertilizers by spark discharge-assisted laser-induced breakdown spectroscopy. Microchemical Journal, 2018, 139, 322-326.	4.5	35
10	Calcium determination in biochar-based fertilizers by laser-induced breakdown spectroscopy using sodium as internal standard. Microchemical Journal, 2017, 134, 370-373.	4.5	26
11	Flow injection system for hydrolysable tannin determination. Microchemical Journal, 2006, 84, 88-92.	4.5	24
12	Multiple Response Optimization of Laser-Induced Breakdown Spectroscopy Parameters for Multi-Element Analysis of Soil Samples. Applied Spectroscopy, 2009, 63, 1081-1088.	2.2	24
13	Determination of chlorine in cement via CaCl molecule by high-resolution continuum source graphite furnace molecular absorption spectrometry with direct solid sample analysis. Microchemical Journal, 2017, 132, 130-135.	4.5	20
14	Bismuth as a general internal standard for lead in atomic absorption spectrometry. Analytica Chimica Acta, 2014, 831, 24-30.	5.4	16
15	Cobalt internal standard for Ni to assist the simultaneous determination of Mo and Ni in plant materials by high-resolution continuum source graphite furnace atomic absorption spectrometry employing direct solid sample analysis. Talanta, 2016, 152, 457-462.	5.5	15
16	Laser-induced breakdown spectroscopy determination of K in biochar-based fertilizers in the presence of easily ionizable element. Talanta, 2018, 188, 199-202.	5.5	15
17	Multi-energy calibration for the determination of non-metals by high-resolution continuum source molecular absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2019, 34, 972-978.	3.0	15
18	Prediction of black, immature and sour defective beans in coffee blends by using Laser-Induced Breakdown Spectroscopy. Food Chemistry, 2019, 278, 223-227.	8.2	15

#	Article	IF	Citations
19	Evaluation of solid sampling for determination of Mo, Ni, Co, and V in soil by high-resolution continuum source graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 130, 39-44.	2.9	14
20	Effect of different precursors on generation of reference spectra for structural molecular background correction by solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry: Determination of antimony in cosmetics. Talanta, 2016, 161, 547-553.	5.5	12
21	AnÃ¡lise exploratÃ³ria dos teores de constituintes inorgÃ¢nicos em sucos e refrigerantes de uva. Ecletica Quimica, 2002, 27, 77-90.	0.5	11
22	A simple and fast method for assessment of the nitrogenâ€“phosphorusâ€“potassium rating of fertilizers using high-resolution continuum source atomic and molecular absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 101, 240-244.	2.9	10
23	Determination of Ca, Cd, Cu, Fe, K, Mg, Mn, Mo, Na, Se, and Zn in Foodstuffs by Atomic Spectrometry After Sample Preparation Using a Low-Cost Closed-Vessel Conductively Heated Digestion System. Food Analytical Methods, 2016, 9, 1887-1894.	2.6	10
24	Vanillin-condensed tannin study using flow injection spectrophotometry. Talanta, 2000, 51, 1-6.	5.5	8
25	FIA-FAAS method for tannin determination based on a precipitation reaction with hemoglobin. Journal of the Brazilian Chemical Society, 2003, 14, 329-333.	0.6	6
26	Determination of Lead in Eye Shadow and Blush by High-Resolution Continuum Source Graphite Furnace Atomic Absorption Spectrometry Employing Direct Solid Sampling. Journal of the Brazilian Chemical Society, 2014, , .	0.6	4
27	Contributions on the Use of Bismuth as Internal Standard for Lead Determinations Using ICP-Based Techniques. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2