

JosÃ© Anchieta

List of Publications by Year in descending order

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93
papers

1,522
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304743

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of phosphite and phosphate in fertilizers by Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119025.	3.9	14
2	Simultaneous determination of Fe and Zn in dried blood spot by HR-CS GF AAS using solid sampling. <i>Microchemical Journal</i> , 2021, 160, 105637.	4.5	10
3	Dry Ashing for Signal Enhancement in Laser-Induced Breakdown Spectroscopy (LIBS). <i>Analytical Letters</i> , 2021, 54, 2009-2021.	1.8	3
4	Raman spectroscopy for discriminating transgenic corns. <i>Vibrational Spectroscopy</i> , 2021, 112, 103183.	2.2	4
5	Phosphorous Determination in Biochar-Based Fertilizers by Spark Discharge-Laser-Induced Breakdown Spectroscopy. <i>Chemosensors</i> , 2021, 9, 337.	3.6	4
6	Detection and quantification of adulterants in honey by LIBS. <i>Food Chemistry</i> , 2020, 311, 125886.	8.2	42
7	Fast spark discharge-laser-induced breakdown spectroscopy method for rice botanic origin determination. <i>Food Chemistry</i> , 2020, 331, 127051.	8.2	13
8	CN diatomic emission for N determination by LIBS. <i>Microchemical Journal</i> , 2020, 157, 105107.	4.5	3
9	Cytotoxic and apoptotic effects of ternary silver (Ag_3) complexes bearing 2-formylpyridine thiosemicarbazones and 1,10-phenanthroline. <i>Dalton Transactions</i> , 2020, 49, 5264-5275.	3.3	20
10	Synthesis, characterization and application of a novel ion hybrid imprinted polymer to adsorb Cd(II) in different samples. <i>Environmental Research</i> , 2020, 187, 109669.	7.5	25
11	A user-friendly excel spreadsheet for dealing with spectroscopic and chromatographic data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 194, 103816.	3.5	4
12	Brown rice authenticity evaluation by spark discharge-laser-induced breakdown spectroscopy. <i>Food Chemistry</i> , 2019, 297, 124960.	8.2	31
13	Multi-energy calibration for the determination of non-metals by high-resolution continuum source molecular absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 972-978.	3.0	15
14	Prediction of black, immature and sour defective beans in coffee blends by using Laser-Induced Breakdown Spectroscopy. <i>Food Chemistry</i> , 2019, 278, 223-227.	8.2	15
15	Determinations of phosphorus in fertilizers by spark discharge-assisted laser-induced breakdown spectroscopy. <i>Microchemical Journal</i> , 2018, 139, 322-326.	4.5	35
16	Laser-induced breakdown spectroscopy determination of K in biochar-based fertilizers in the presence of easily ionizable element. <i>Talanta</i> , 2018, 188, 199-202.	5.5	15
17	Evaluation of an improved closed-vessel conductively heated digestion system for the analysis of raw meat samples by ICP techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1354-1362.	3.0	6
18	Evaluation of nitrate as internal standard for quantitative determination of urea in urine by Raman spectroscopy. <i>Brazilian Journal of Analytical Chemistry</i> , 2018, 5, 22-28.	0.5	0

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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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 130, 39-44.	2.9	14
20	Determination of chlorine in cement via CaCl molecule by high-resolution continuum source graphite furnace molecular absorption spectrometry with direct solid sample analysis. <i>Microchemical Journal</i> , 2017, 132, 130-135.	4.5	20
21	Expanding the potentialities of standard dilution analysis: Determination of ethanol in gasoline by Raman spectroscopy. <i>Microchemical Journal</i> , 2017, 133, 76-80.	4.5	24
22	Multi-energy calibration applied to atomic spectrometry. <i>Analytica Chimica Acta</i> , 2017, 982, 31-36.	5.4	64
23	Liquid-liquid extraction as a sample preparation procedure for the determination of Na, K, Ca, and Mg in biodiesel. <i>Analytical Methods</i> , 2017, 9, 5395-5399.	2.7	4
24	Calcium determination in biochar-based fertilizers by laser-induced breakdown spectroscopy using sodium as internal standard. <i>Microchemical Journal</i> , 2017, 134, 370-373.	4.5	26
25	Potential of Laser Induced Breakdown Spectroscopy for analyzing the quality of unroasted and ground coffee. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 135, 29-33.	2.9	23
26	Elemental Analysis of Phytotherapeutic Products by Inductively Coupled Plasma-Tandem Mass Spectrometry. <i>Analytical Letters</i> , 2017, 50, 842-852.	1.8	3
27	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. <i>Food Analytical Methods</i> , 2016, 9, 1887-1894.	2.6	10
28	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. <i>Talanta</i> , 2016, 161, 547-553.	5.5	12
29	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. <i>Talanta</i> , 2016, 152, 457-462.	5.5	15
30	Standard dilution analysis in flow system: Sodium determination by flame atomic emission spectrometry. <i>Microchemical Journal</i> , 2016, 124, 662-667.	4.5	15
31	Laser-induced breakdown spectroscopy: Extending its application to soil pH measurements. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 110, 96-99.	2.9	49
32	Internal standard addition calibration: Determination of calcium and magnesium by atomic absorption spectrometry. <i>Microchemical Journal</i> , 2015, 122, 63-69.	4.5	25
33	High-throughput sugarcane leaf analysis using a low cost closed-vessel conductively heated digestion system and inductively coupled plasma optical emission spectrometry. <i>Analytical Methods</i> , 2014, 6, 9503-9508.	2.7	6
34	A new closed-vessel conductively heated digestion system: fostering plant analysis by inductively coupled plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 825-831.	3.0	10
35	A simple and fast method for assessment of the nitrogen-phosphorus-potassium rating of fertilizers using high-resolution continuum source atomic and molecular absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 101, 240-244.	2.9	10
36	Bismuth as a general internal standard for lead in atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2014, 831, 24-30.	5.4	16

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37	Evaluation of lines of boron, phosphorus and sulfur by high-resolution continuum source flame atomic absorption spectrometry for plant analysis. <i>Microchemical Journal</i> , 2013, 109, 134-138.	4.5	27
38	EVALUATION OF DIFFERENT FOLIAR FERTILIZERS ON THE CROP PRODUCTION OF SUGARCANE. <i>Journal of Plant Nutrition</i> , 2013, 36, 459-469.	1.9	10
39	Assessment of Polyatomic Interferences Elimination Using a Collision Reaction Interface (CRI) for Inorganic Analysis of Fuel Ethanol by ICP-QMS. <i>Analytical Letters</i> , 2012, 45, 1111-1121.	1.8	9
40	Internal standardization combined with dilute-and-shoot preparation of distilled alcoholic beverages for Cu determination by high-resolution continuum source flame atomic absorption spectrometry. <i>Talanta</i> , 2012, 92, 53-57.	5.5	11
41	Determination of lead in medicinal plants by high-resolution continuum source graphite furnace atomic absorption spectrometry using direct solid sampling. <i>Talanta</i> , 2012, 100, 21-26.	5.5	32
42	Simultaneous determination of Cu and Pb in fuel ethanol by graphite furnace AAS using tungsten permanent modifier with co-injection of Ir. <i>Fuel</i> , 2012, 99, 9-12.	6.4	13
43	Evaluation of solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry for direct determination of chromium in medicinal plants. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 78, 58-61.	2.9	24
44	Simultaneous and Direct Determination of As, Bi, Pb, Sb, and Se and Co, Cr, Cu, Fe, and Mn in Milk by Electrothermal Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2012, 5, 861-866.	2.6	16
45	Simultaneous Determination of Cadmium and Lead in Medicinal Plants Using Graphite Furnace Atomic Absorption Spectrometry and Direct Slurry Sampling. <i>Atomic Spectroscopy</i> , 2012, 33, 138-142.	1.2	7
46	Determination of Total Sulfur in Agricultural Samples by High-Resolution Continuum Source Flame Molecular Absorption Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2197-2201.	5.2	24
47	Determination of Silicon in Lubricant Oil by High-Resolution Continuum Source Flame Atomic Absorption Spectrometry Using Least-Square Background Correction and Internal Standardization. <i>Analytical Letters</i> , 2011, 44, 2150-2161.	1.8	14
48	Evaluation of Lines of Phosphorus and Potassium by High-Resolution Continuum Source Flame Atomic Absorption Spectrometry for Liquid Fertilizer Analysis. <i>Atomic Spectroscopy</i> , 2011, 32, 56-61.	1.2	9
49	Determination of Zinc in Lubricating Oil by Flame AAS Employing Ultrasonic Extraction. <i>Atomic Spectroscopy</i> , 2011, 32, 240-245.	1.2	2
50	Determination of macro- and micronutrients in plant leaves by high-resolution continuum source flame atomic absorption spectrometry combining instrumental and sample preparation strategies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 316-320.	2.9	56
51	Determination of copper at wide range concentrations using instrumental features of high-resolution continuum source flame atomic absorption spectrometry. <i>Eletica Quimica</i> , 2010, 35, 87-92.	0.5	4
52	Feasibility of internal standardization in the direct and simultaneous determination of As, Cu and Pb in sugar-cane spirits by graphite furnace atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2009, 636, 1-5.	5.4	19
53	Effect of modifiers for As, Cu and Pb determinations in sugar-cane spirits by GF AAS. <i>Food Chemistry</i> , 2009, 113, 1266-1271.	8.2	22
54	Fast sequential multi-element determination of Ca, Mg, K, Cu, Fe, Mn and Zn for foliar diagnosis using high-resolution continuum source flame atomic absorption spectrometry: Feasibility of secondary lines, side pixel registration and least-squares background correction. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 593-596.	2.9	28

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55	Evaluation of modifiers for determination of V in parsley by GF AAS. Food Chemistry, 2009, 116, 1024-1028.	8.2	5
56	Direct Determination of Phosphite in Fertilizers by Amperometric Titration. Journal of Agricultural and Food Chemistry, 2009, 57, 372-374.	5.2	1
57	Evaluation of Lubricating Oil Preparation Procedures for the Determination of Al, Ba, Mo, Si and V by High-Resolution Continuum Source FAAS. Analytical Sciences, 2009, 25, 95-100.	1.6	23
58	Evaluation of different rhodium modifiers and coatings on the simultaneous determination of As, Bi, Pb, Sb, Se and of Co, Cr, Cu, Fe, Mn in milk by electrothermal atomic absorption spectrometry. Mikrochimica Acta, 2008, 161, 129-135.	5.0	14
59	Internal standardization and least-squares background correction in high-resolution continuum source flame atomic absorption spectrometry to eliminate interferences on determination of Pb in phosphoric acid. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 992-995.	2.9	22
60	Evaluation of alternate lines of Fe for sequential multi-element determination of Cu, Fe, Mn and Zn in soil extracts by high-resolution continuum source flame atomic absorption spectrometry. Analytica Chimica Acta, 2008, 627, 198-202.	5.4	27
61	Different Lubricating Oil Treatments for the Determination of Cu, Cr, Fe, Ni, Sb, Pb, and Zn by HR-CS FAAS. Analytical Letters, 2008, 41, 1555-1570.	1.8	23
62	Determination of vanadium in human hair slurries by electrothermal atomic absorption spectrometry. Talanta, 2007, 71, 1118-1123.	5.5	18
63	Phosphite Determination in Fertilizers after Online Sequential Sample Preparation in a Flow Injection System. Journal of Agricultural and Food Chemistry, 2007, 55, 5980-5983.	5.2	5
64	Tungsten permanent chemical modifier with co-injection of Pd(NO ₃) ₂ +Mg(NO ₃) ₂ for direct determination of Pb in vinegar by graphite furnace atomic absorption spectrometry. Food Chemistry, 2007, 105, 236-241.	8.2	15
65	Evaluation of Bi as internal standard to minimize matrix effects on the direct determination of Pb in vinegar by graphite furnace atomic absorption spectrometry using Ru permanent modifier with co-injection of Pd/Mg(NO ₃) ₂ . Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 1046-1050.	2.9	17
66	Evaluation of W-Rh permanent modifier for lead determination in sugar by graphite furnace atomic absorption spectrometry. Sensing and Instrumentation for Food Quality and Safety, 2007, 1, 176-182.	1.5	2
67	Internal standardization in graphite furnace atomic absorption spectrometry: Comparative use of As and Ge to minimize matrix effects on Se determination in milk. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 681-686.	2.9	9
68	Determination of selenium in nutritionally relevant foods by graphite furnace atomic absorption spectrometry using arsenic as internal standard. Food Chemistry, 2005, 93, 355-360.	8.2	33
69	Arsenic as internal standard to correct for interferences in the determination of antimony by hydride generation in situ trapping graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 759-763.	2.9	11
70	Determination of vanadium in urine by electrothermal atomic absorption spectrometry using hot injection and preconcentration into the graphite tube. Journal of the Brazilian Chemical Society, 2004, 15, 676-681.	0.6	10
71	Evaluation of the mixtures ammonium phosphate/magnesium nitrate and palladium nitrate/magnesium nitrate as modifiers for simultaneous determination of Cd, Cr, Ni and Pb in mineral water by GFAAS. Journal of the Brazilian Chemical Society, 2004, 15, 28-33.	0.6	5
72	Use of the internal standardization for difficult sampling by graphite furnace atomic absorption spectrometry. Talanta, 2004, 64, 334-337.	5.5	16

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73	Tungsten Permanent Chemical Modifier for Fast Estimation of Se Contents in Soil by Graphite Furnace Atomic Absorption Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 3920-3923.	5.2	6
74	Padronização interna em espectrometria de absorção atômica. <i>Quimica Nova</i> , 2003, 26, 249-252.	0.3	11
75	Evaluation and application of bismuth as an internal standard for the determination of lead in wines by simultaneous electrothermal atomic absorption spectrometry. <i>Analyst</i> , 2002, 127, 157-162.	3.5	30
76	Effect of modifiers on thermal behaviour of Se in acid digestates and slurries of vegetables by graphite furnace atomic absorption spectrometry. <i>Food Chemistry</i> , 2002, 79, 517-523.	8.2	31
77	Eletrodo modificado em filme de paládio para a determinação voltamétrica de fosfito. <i>Ecletica Química</i> , 2002, 27, 161-168.	0.5	3
78	Avaliação do método das adições de analito para a determinação de sódio em álcool combustível por espectrometria de emissão atômica em chama. <i>Ecletica Química</i> , 2002, 27, 285-291.	0.5	6
79	Sistema de injeção em fluxo espectrofotométrico para monitorar peróxido de hidrogênio em processo de fotodegradação por reação foto-Fenton. <i>Quimica Nova</i> , 2001, 24, 188-190.	0.3	55
80	Simultaneous determination of cadmium and lead in wine by electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1987-1993.	2.9	50
81	Influência de nitrato de paládio, nitrato de magnésio e nitrato de cálcio no comportamento térmico de arsênio em análises por espectrometria de absorção atômica em forno de grafite. <i>Ecletica Química</i> , 2001, 26, 143-155.	0.5	1
82	Potencialidades e aplicações do ligante dietilditiofosfato de amônio em análises químicas. <i>Ecletica Química</i> , 2001, 26, 211-222.	0.5	1
83	Linear relationship between potential and concentration in flow potentiometry. <i>Laboratory Robotics and Automation</i> , 2000, 12, 41-45.	0.2	1
84	Spectrophotometric determination of phosphite in fertilizers in a flow injection system with online sample preparation. <i>Laboratory Robotics and Automation</i> , 2000, 12, 286-290.	0.2	7
85	Determination of mercury in agroindustrial samples by flow-injection cold vapor atomic absorption spectrometry using ion exchange and reductive elution. <i>Talanta</i> , 2000, 51, 587-594.	5.5	27
86	Espectrometria de absorção atômica multielementar simultânea com atomização eletrotérmica em forno de grafite - uma revisão da técnica e aplicações. <i>Ecletica Química</i> , 2000, 25, 213-226.	0.5	2
87	Colorimetric Determination of Sulfur Dioxide in Air Using a Droplet Collector of Malachite Green Solution. <i>Microchemical Journal</i> , 1999, 62, 273-281.	4.5	22
88	Use of FIA systems for on-line dilution in multielement determination by ICP-MS. <i>Laboratory Robotics and Automation</i> , 1999, 11, 240-247.	0.2	5
89	Reversible intermittent flow-injection determination of mercury in sediments and vinasses by cold vapor atomic absorption spectrometry. <i>Laboratory Robotics and Automation</i> , 1999, 11, 304-310.	0.2	1
90	Potencialidades analíticas do dietilditiofosfato de amônio em espectrometria de massas com plasma indutivamente acoplado empregando extração em fase sólida e sistemas de injeção em fluxo. <i>Ecletica Química</i> , 1999, 24, 69-89.	0.5	2

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91	Determination of arsenic(III) and arsenic(V) by electrothermal atomic absorption spectrometry after complexation and sorption on a C-18 bonded silica column. <i>Talanta</i> , 1998, 45, 1167-1175.	5.5	68
92	Emprego de nebulizador pneumático de ICP-MS como câmara de diluição em sistemas de injeção em fluxo para determinações multielementares. <i>Quimica Nova</i> , 1998, 21, 405-409.	0.3	4
93	Fertilizer release kinetics incorporated to torrefied banana-crop residues. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	3.6	1