Ana Rita A Nogueira

List of Publications by Year
in descending order

157	3,360	136740	205818
papers	citations	32	48
		h-index	g-index

158	158	158	3254
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of acid concentration on closed-vessel microwave-assisted digestion of plant materials. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 2121-2132.	1.5	151
2	Determination of residual carbon by inductively-coupled plasma optical emission spectrometry with axial and radial view configurations. Analytica Chimica Acta, 2001, 445, 269-275.	2.6	118
3	Focused-microwave-assisted strategies for sample preparation. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 1855-1876.	1.5	87
4	Acid extraction and cloud point preconcentration as sample preparation strategies for cobalt determination in biological materials by thermospray flame furnace atomic absorption spectrometry. Microchemical Journal, 2006, 82, 189-195.	2.3	86
5	Microwave-assisted digestion procedures for biological samples with diluted nitric acid: Identification of reaction products. Talanta, 2009, 79, 396-401.	2.9	85
6	Direct determination of Cu, Mn, Pb, and Zn in beer by thermospray flame furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 749-753.	1.5	83
7	Coconut coir as biosorbent for Cr(VI) removal from laboratory wastewater. Journal of Hazardous Materials, 2008, 159, 252-256.	6.5	81
8	Evaluation of inductively coupled plasma optical emission spectrometers with axially and radially viewed configurations. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 1905-1913.	1.5	70
9	Pattern recognition applied to mineral characterization of Brazilian coffees and sugar-cane spirits. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 717-724.	1.5	65
10	Phosphorus quantification in fertilizers using laser induced breakdown spectroscopy (LIBS): a methodology of analysis to correct physical matrix effects. Analytical Methods, 2016, 8, 78-82.	1.3	64
11	Direct determination of Cu and Zn in fruit juices and bovine milk by thermospray flame furnace atomic absorption spectrometry. Talanta, 2004, 64, 912-917.	2.9	63
12	Evaluation of the QuEChERS Method and Gas Chromatographyâ€“Mass Spectrometry for the Analysis Pesticide Residues in Water and Sediment. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 18-22.	1.3	57
13	Determination of ytterbium in animal faeces by tungsten coil electrothermal atomic absorption spectrometry. Talanta, 1998, 47, 613-623.	2.9	54
14	Controlled Urea Release Employing Nanocomposites Increases the Efficiency of Nitrogen Use by Forage. ACS Sustainable Chemistry and Engineering, 2017, 5, 9993-10001.	3.2	53
15	Determination of Ca in breakfast cereals by laser induced breakdown spectroscopy. Food Control, 2010, 21, 1327-1330.	2.8	52
16	Bioaccessibility of Ca, Cu, Fe, Mg, Zn, and crude protein in beef, pork and chicken after thermal processing. Food Chemistry, 2018, 240, 75-83.	4.2	50
17	Bovine liver sample preparation and micro-homogeneity study for Cu and Zn determination by solid sampling electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 673-680.	1.5	48
18	Sample preparation for arsenic speciation in terrestrial plantsâ€”A review. Talanta, 2013, 115, 291-299.	2.9	48

#	Article	IF	Citations
19	Evaluation of laser induced breakdown spectroscopy for multielemental determination in soils under sewage sludge application. Talanta, 2011, 85, 435-440.	2.9	47
20	Microwave-assisted photo-Fenton decomposition of chlorfenvinphos and cypermethrin in residual water. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 185, 32-37.	2.0	44
21	Calcium and potassium content in beef: Influences on tenderness and associations with molecular markers in Nellore cattle. Meat Science, 2014, 96, 436-440.	2.7	43
22	Effect of drying method and length of storage on tannin and total phenol concentrations in Pigeon pea seeds. Food Chemistry, 2004, 86, 17-23.	4.2	42
23	Detection of quantitative trait loci for mineral content of Nelore longissimus dorsi muscle. Genetics Selection Evolution, 2015, 47, 15.	1.2	40
24	Complex samples and spectral interferences in ICP-MS: Evaluation of tandem mass spectrometry for interference-free determination of cadmium, tin and platinum group elements. Microchemical Journal, 2017, 130, 271-275.	2.3	40
25	Fast method for the determination of copper, manganese and iron in seafood samples. Journal of Food Composition and Analysis, 2008, 21, 259-263.	1.9	39
26	Direct analysis of biodiesel microemulsions using an inductively coupled plasma mass spectrometry. Microchemical Journal, 2010, 96, 146-150.	2.3	39
27	Multi-energy calibration as a strategy for elemental analysis of fertilizers by microwave-induced plasma optical emission spectrometry. Journal of Analytical Atomic Spectrometry, 2018, 33, 1168-1172.	1.6	39
28	Study of the protein-bound fraction of calcium, iron, magnesium and zinc in bovine milk. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 1909-1916.	1.5	38
29	Single vessel procedure for acid-vapour partial digestion in a focused microwave: Fe and Co determination in biological samples by ETAAS. Analyst, The, 2000, 125, 1861-1864.	1.7	36
30	Microwave-Assisted Acid Decomposition of Animal- and Plant-Derived Samples for Element Analysis. Journal of Agricultural and Food Chemistry, 2002, 50, 4164-4168.	2.4	36
31	Oxygen bomb combustion of biological samples for inductively coupled plasma optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 2195-2201.	1.5	36
32	Soil Calcium and pH Monitoring Sensor System. Journal of Agricultural and Food Chemistry, 2007, 55, 4658-4663.	2.4	36
33	Behaviour of arsenic and selenium in an ICP-QMS with collision and reaction interface. Journal of Analytical Atomic Spectrometry, 2010, 25, 1763.	1.6	34
34	Multi-site detection in flow analysis. Analytica Chimica Acta, 1992, 261, 59-65.	2.6	32
35	Effect of modifiers on thermal behaviour of Se in acid digestates and slurries of vegetables by graphite furnace atomic absorption spectrometry. Food Chemistry, 2002, 79, 517-523.	4.2	31
36	Development of a screen-printed thick-film nitrate sensor based on a graphite-epoxy composite for agricultural applications. Sensors and Actuators B: Chemical, 2003, 88, 337-344.	4.0	31

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37	Multi-site detection in flow analysis. Analytica Chimica Acta, 1993, 276, 121-125.	2.6	29
38	Effect of pre-treatment and supporting media on Ni(II), Cu(II), Al(III) and Fe(III) sorption by plant root material. Chemosphere, 2007, 68, 537-545.	4.2	29
39	Trends in developments of certified reference materials for chemical analysis - Focus on food, water, soil, and sediment matrices. TrAC - Trends in Analytical Chemistry, 2018, 100, 53-64.	5.8	29
40	Use of factorial design for optimization of microwave-assisted digestion of lubricating oil. Journal of the Brazilian Chemical Society, 2005, 16, 1269-1274.	0.6	28
41	Development and application of a selenium speciation method in cattle feed and beef samples using HPLC-ICP-MS: evaluating the selenium metabolic process in cattle. Journal of Analytical Atomic Spectrometry, 2016, 31, 1034-1040.	1.6	28
42	Iron Content Affects Lipogenic Gene Expression in the Muscle of Nelore Beef Cattle. PLoS ONE, 2016, 11, e0161160.	1.1	28
43	Focused microwave-assisted acid digestion of oils: an evaluation of the residual carbon content. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 1981-1985.	1.5	27
44	Homogenization of breakfast cereals using cryogenic grinding. Journal of Food Engineering, 2002, 51, 59-63.	2.7	26
45	A novel strategy to determine As, Cr, Hg and V in drinking water by ICP-MS/MS. Analytical Methods, 2015, 7, 1215-1220.	1.3	26
46	A new procedure for bovine milk digestion in a focused microwave oven: gradual sample addition to pre-heated acid. Talanta, 2005, 65, 505-510.	2.9	25
47	Optimization of Sample Preparation in the Determination of Minerals and Trace Elements in Honey by ICP-MS. Food Analytical Methods, 2014, 7, 1009-1015.	1.3	25
48	Orthophosphate, Phytate, and Total Phosphorus Determination in Cereals by Flow Injection Analysis. Journal of Agricultural and Food Chemistry, 2004, 52, 1800-1803.	2.4	24
49	In-Soil Potassium Sensor System. Journal of Agricultural and Food Chemistry, 2004, 52, 5810-5815.	2.4	24
50	Flow injection system for hydrolysable tannin determination. Microchemical Journal, 2006, 84, 88-92.	2.3	24
51	Multielemental Determination of As, Bi, Ge, Sb, and Sn in Agricultural Samples Using Hydride Generation Coupled to Microwave-Induced Plasma Optical Emission Spectrometry. Journal of Agricultural and Food Chemistry, 2017, 65, 4839-4842.	2.4	24
52	Calculating limits of detection and defining working ranges for multi-signal calibration methods. Journal of Analytical Atomic Spectrometry, 2020, 35, 1614-1620.	1.6	24
53	Determination of Trace Elements in Meat and Fish Samples by MIP OES Using Solid-Phase Extraction. Food Analytical Methods, 2020, 13, 238-248.	1.3	23
54	Determination of dysprosium and europium in sheep faeces by graphite furnace and tungsten coil electrothermal atomic absorption spectrometry. Talanta, 2001, 55, 847-854.	2.9	22

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55	A new strategy for preparation of hair slurries using cryogenic grinding and water-soluble tertiary-amines medium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 1973-1980.	1.5	22
56	Potentiometric determination of urea by sequential injection using Jack bean meal crude extract as a source of urease. Talanta, 2000, 53, 331-336.	2.9	21
57	Determination of carbon in digested samples and amino acids by inductively coupled plasma tandem mass spectrometry. Microchemical Journal, 2015, 122, 29-32.	2.3	21
58	The use of diluted formic acid in sample preparation for macro- and microelements determination in foodstuff samples using ICP OES. Journal of Food Composition and Analysis, 2018, 66, 7-12.	1.9	20
59	Determination of chloride in milk using sequential injection automated conductimetry. Food Chemistry, 1999, 67, 317-322.	4.2	19
60	A compact miniaturized continuous flow system for the determination of urea content in milk. Analytical and Bioanalytical Chemistry, 2010, 398, 1525-1533.	1.9	19
61	DecomposiÃ§Ã£o de amostras de solos assistida por radiaÃ§Ã£o microondas: estratÃ©gia para evitar a formaÃ§Ã£o de fluoretos insolÃºveis. Revista Brasileira De Ciencia Do Solo, 2005, 29, 547-553.	0.5	18
62	Determination of vanadium in human hair slurries by electrothermal atomic absorption spectrometry. Talanta, 2007, 71, 1118-1123.	2.9	18
63	Multi-site detection in flow analysis. Analytica Chimica Acta, 1994, 285, 293-299.	2.6	17
64	Flow Injection Spectrophotometr ic Catalytic Determination of Iodine in Milk.. Analytical Sciences, 1998, 14, 559-564.	0.8	17
65	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
66	An attempt to correlate fat and protein content of biological samples with residual carbon after microwave-assisted digestion. Fresenius' Journal of Analytical Chemistry, 2001, 371, 536-540.	1.5	16
67	Use of factorial design for evaluation of plasma conditions and comparison of two liquid sample introduction systems for an axially viewed inductively coupled plasma optical emission spectrometer. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 575-581.	1.5	16
68	Flow Injection Potentiometric System for the Simultaneous Determination of Inositol Phosphates and Phosphate:Â Phosphorus Nutritional Evaluation on Seeds and Grains. Journal of Agricultural and Food Chemistry, 2005, 53, 7644-7648.	2.4	16
69	Multivariate optimization of a procedure for Cr and Co ultratrace determination in vegetal samples using GF AAS after cloud-point extraction. International Journal of Environmental Analytical Chemistry, 2008, 88, 131-140.	1.8	16
70	Effect of root age on the allocation of metals, amino acids and sugars in different cell fractions of the perennial grass Paspalum notatum (bahiagrass). Plant Physiology and Biochemistry, 2011, 49, 1442-1447.	2.8	16
71	Investigation of arsenic species stability by HPLC-ICP-MS in plants stored under different conditions for 12months. Microchemical Journal, 2014, 117, 122-126.	2.3	16
72	SÃntese de hidrogÃ©is e cinÃ©tica de liberaÃ§Ã£o de amÃ´nio e potÃ¡ssio. Revista Brasileira De Ciencia Do Solo, 2008, 32, 1643-1649.	0.5	16

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73	Flow Injection System with Multisite Detection for Spectrophotometric Determination of Calcium and Magnesium in Soil Extracts and Natural Waters. Journal of Agricultural and Food Chemistry, 1996, 44, 165-169.	2.4	15
74	A polyvalent flow injection system for multielemental spectrophotometric analysis of plant materials1This paper was presented at the Flow Analysis VII conference held in Piracicaba, Brazil from 23â€“26 August 1997.1. Analytica Chimica Acta, 1998, 370, 39-46.	2.6	15
75	Single vessel procedure for acid vapor partial digestion of bovine liver in a focused microwave: multielement determination by ICP-OES. Talanta, 2003, 61, 81-86.	2.9	15
76	Use of multiple lines for improving accuracy, minimizing systematic errors from spectral interferences, and reducing matrix effects in MIP OES measurements. Microchemical Journal, 2018, 143, 326-330.	2.3	15
77	Muscle transcriptome analysis reveals genes and metabolic pathways related to mineral concentration in Bos indicus. Scientific Reports, 2019, 9, 12715.	1.6	15
78	Multi-elemental determination in meat samples using multi-isotope calibration strategy by ICP-MS. Food Chemistry, 2020, 303, 125395.	4.2	14
79	Coprecipitation magnesium(II) hydroxide as a strategy of pre-concentration for trace elemental determination by microwave-induced plasma optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 169, 105899.	1.5	14
80	Determination of chromium picolinate and trace hexavalent chromium in multivitamins and supplements by HPLC-ICP-QQQ-MS. Journal of Food Composition and Analysis, 2020, 87, 103421.	1.9	14
81	Determination of Cobalt in Animal Feces by Tungsten Coil Atomic Absorption Spectrophotometry.. Analytical Sciences, 1999, 15, 165-171.	0.8	13
82	Matrix effects on the determination of dysprosium, europium and ytterbium used as animal faecal markers by inductively coupled plasma optical emission spectrometry with axially- and radially-viewed configurations. Journal of Analytical Atomic Spectrometry, 2001, 16, 825-830.	1.6	13
83	Evaluation of sample preparation procedures and krypton as an interference standard probe for arsenic speciation by HPLC-ICP-QMS. Journal of Analytical Atomic Spectrometry, 2013, 28, 1303.	1.6	13
84	Internal standardization and plasma molecular species: signal correction approaches for determination of phosphorus from phospholipids in meat by MIP OES. Journal of Analytical Atomic Spectrometry, 2019, 34, 782-787.	1.6	13
85	Chromium speciation in organic fertilizer by cloud point extraction and optimization through experimental Doehlert design as support for legislative aspects. Microchemical Journal, 2021, 160, 105618.	2.3	13
86	Planejamento fatorial aplicado Ã digestÃ£o de amostras de feijÃ£o assistida por radiaÃ§Ã£o microondas. Quimica Nova, 2006, 29, 149-152.	0.3	12
87	In Situ Soil Phosphorus Monitoring Probe Compared with Conventional Extraction Procedures. Communications in Soil Science and Plant Analysis, 2009, 40, 1282-1294.	0.6	11
88	Determination of As and Sb in mineral waters by fast sequential continuous flow hydride generation atomic absorption spectrometry. Analytical Methods, 2011, 3, 599.	1.3	11
89	Determination of inorganic constituents and physicochemical characterization of functional flour samples. Microchemical Journal, 2017, 132, 112-118.	2.3	11
90	AnÃ¡lise exploratÃ³ria dos teores de constituintes inorgÃ¢nicos em sucos e refrigerantes de uva. Ecletica Quimica, 2002, 27, 77-90.	0.2	11

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91	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
92	Microwave Single Vessel Acid-Vapor Extraction: Effect of Experimental Parameters on Co and Fe Determination in Biological Samples. Mikrochimica Acta, 2004, 144, 81-85.	2.5	10
93	Highâ€Throughput Microwaveâ€Assisted Digestion and Extraction Procedures for Agricultural Materials. Communications in Soil Science and Plant Analysis, 2007, 38, 2333-2345.	0.6	10
94	DETERMINATION OF CHLORFENVINPHOS, FIPRONIL, AND CYPERMETHRIN RESIDUES IN MEAT AND BOVINE FAT USING QUECHERS METHOD AND GAS CHROMATOGRAPHY-MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1895-1908.	0.5	10
95	Critical evaluation of internal standardization in ICP tandem mass spectrometry and feasibility of the oxygen reaction for boron determination in plants. Journal of Analytical Atomic Spectrometry, 2016, 31, 1179-1184.	1.6	10
96	Lithium and calcium based perovskite type oxides for ethylic transesterification. Catalysis Today, 2017, 279, 177-186.	2.2	10
97	Genetic regulators of mineral amount in Nelore cattle muscle predicted by a new co-expression and regulatory impact factor approach. Scientific Reports, 2020, 10, 8436.	1.6	10
98	AvaliaÃ§Ã£o da reaÃ§Ã£o foto-fenton na decomposiÃ§Ã£o de resÃduos de carrapaticida. Quimica Nova, 2007, 30, 264-267.	0.3	10
99	DiscriminaÃ§Ã£o geogrÃ¡fica de Ã¡guas minerais do Estado de SÃ£o Paulo atravÃ©s da anÃ¡lise exploratÃ³ria. Ecletica Quimica, 2002, 27, 91-102.	0.2	10
100	Determination of soil calcareous efficiency using flow system with pervaporative separation. Analytica Chimica Acta, 2001, 438, 273-279.	2.6	9
101	Multivariate Classification of Cigarettes According to Their Elemental Content Determined by Inductively Coupled Plasma Optical Emission Spectrometry. Analytical Sciences, 2007, 23, 435-438.	0.8	9
102	Evaluation of a Collision-Reaction Interface (CRI) for Carbon Effect Correction on Chromium Determination in Environmental Samples by ICP-MS. Analytical Letters, 2012, 45, 2845-2855.	1.0	9
103	Preparation and evaluation of a new reference material for macro- and micronutrients in fish feed. Microchemical Journal, 2019, 149, 104027.	2.3	9
104	Quantitation of Selenomethionine in Multivitamins and Selenium Supplements by High Performance Liquid Chromatography Inductively-Coupled Plasma Mass Spectrometry. Food Analytical Methods, 2019, 12, 1316-1326.	1.3	9
105	DigestÃ£o de Ã³leo lubrificante encapsulado em forno de microondas com radiaÃ§Ã£o focalizada por adiÃ§Ã£o de amostra ao reagente prÃ©-aquecido. Quimica Nova, 2006, 29, .	0.3	9
106	Vanillin-condensed tannin study using flow injection spectrophotometry. Talanta, 2000, 51, 1-6.	2.9	8
107	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
108	Internal standardization as a strategy to overcome non-spectral interferences in the determination of As, Cd and Pb in mineral fertilizers by synchronous vertical dual view (SVDV) ICP OES. Analytical Methods, 2020, 12, 39-45.	1.3	8

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109	Evaluation of different nebulizers performance on microwave-induced plasma optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 168, 105867.	1.5	8
110	Oral health, organic and inorganic saliva composition of men with Schizophrenia: Case-control study. Journal of Trace Elements in Medicine and Biology, 2021, 66, 126743.	1.5	8
111	Silicon determination by microwave-induced plasma optical emission spectrometry: Considerations and strategies for the use of tetrafluorboric acid and sodium hydroxide in sample preparation procedures. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 167, 105842.	1.5	8
112	USE OF YEAST CRUDE EXTRACT FOR SEQUENTIAL INJECTION DETERMINATION OF CARBOHYDRATES. Analytical Letters, 2001, 34, 1377-1388.	1.0	7
113	DeterminaÃ§Ã£o de resÃduos de pesticidas em plasma bovino por cromatografia gasosa-espectrometria de massas. Quimica Nova, 2009, 32, 1713-1716.	0.3	7
114	Selenium determination in tissue samples of Nile tilapia using ultrasound-assisted extraction. Open Chemistry, 2011, 9, 119-125.	1.0	7
115	Feasibility of Dispersive Liquidâ€“Liquid Microextraction for Molybdenum Determination in Lamb Meat by MIP OES. Food Analytical Methods, 2021, 14, 496-502.	1.3	7
116	Catalytic determination of cobalt by flow injection spectrophotometry: application in animal faeces analysis using hydrochloric acid as extracting solution. Animal Feed Science and Technology, 1998, 74, 79-84.	1.1	6
117	Determination of Total, Volatile and Acid Detergent Insoluble Nitrogen in Silage by Sequential Injection.. Analytical Sciences, 2000, 16, 361-364.	0.8	6
118	Tungsten Permanent Chemical Modifier for Fast Estimation of Se Contents in Soil by Graphite Furnace Atomic Absorption Spectrometry. Journal of Agricultural and Food Chemistry, 2003, 51, 3920-3923.	2.4	6
119	Matrix Solid-Phase Dispersion Extraction for Analysis of Cypermethrin Residue in Cowsâ€™ Milk. Chromatographia, 2009, 69, 571-573.	0.7	6
120	Characterization of Synchronous Vertical Dual View Inductively Coupled Plasma Optical Emission Spectrometer with Application for Water Analysis. Analytical Letters, 2016, 49, 2092-2098.	1.0	6
121	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
122	Clay and refractory materials slurries in inductively coupled plasma optical emission spectrometry: effects of mechanochemical synthesis on emission intensities of analytes. Journal of the Brazilian Chemical Society, 2005, 16, 372-380.	0.6	5
123	Evaluation of metabisulfite and a commercial steel wool for removing chromium(VI) from wastewater. Environmental Chemistry Letters, 2010, 8, 73-77.	8.3	5
124	Evaluation of Different Sample Preparation Procedures Using Chemometrics: Comparison Among Photo-Fenton Reaction, Microwave Irradiation, and Direct Determination of Minerals in Fruit Juices. Food Analytical Methods, 2010, 3, 98-103.	1.3	5
125	Focused-microwave-induced combustion: investigation of KClO3 thermal decomposition as O2 source. Analytical Methods, 2011, 3, 1688.	1.3	5
126	Desenvolvimento e validaÃ§Ã£o do mÃ©todo QuEChERS na determinaÃ§Ã£o de resÃduos de medicamentos veterinÃ¡rios em leite e carne de bÃºfalo. Quimica Nova, 2013, 36, 153-158.	0.3	5

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127	EspeciaÃ§Ã£o redox de cromo em solo acidentalmente contaminado com soluÃ§Ã£o sulfocrÃ´mica. Quimica Nova, 2008, 31, 1450-1454.	0.3	5
128	Strategy of Sample Preparation for Arsenic Determination in Mineral Fertilizers. Journal of the Brazilian Chemical Society, 2016, , .	0.6	4
129	Determination of Selenium in Bovine Semen by ICP-MS Using Formic Acid for Sample Preparation. Journal of the Brazilian Chemical Society, 2017, , .	0.6	4
130	Multi-Energy Calibration: A Practical Method for Determination of Macro and Micro Nutrients in Meat by ICP OES. Journal of the Brazilian Chemical Society, 2019, , .	0.6	4
131	Proficiency testing of animal nutrition laboratories. Accreditation and Quality Assurance, 2009, 14, 455-460.	0.4	3
132	Determination of Elemental Impurities in Acyclovir Ointment and Raw Materials Using Microwave Acid Digestion (MW-AD) and ICP-MS. Journal of the Brazilian Chemical Society, 2016, , .	0.6	3
133	Evaluation of Distribution and Bioaccumulation of Arsenic by ICP-MS in Tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	3
134	Preparation and characterization of phosphate rock as quality control material. Accreditation and Quality Assurance, 2018, 23, 39-45.	0.4	3
135	Animal and Vegetable Protein Burgers: Bromatological Analysis, Mineral Composition, and Bioaccessibility Evaluation. ACS Food Science & Technology, 2021, 1, 1821-1829.	1.3	3
136	Evaluation of a rapid semi-quantitative analysis approach using inductively coupled plasma optical emission spectrometry with axial viewing. Microchemical Journal, 2007, 86, 60-64.	2.3	2
137	A Compact Miniaturized Flow System Based on Low-Temperature Co-fired Ceramic Technology Coupled to LED Mini-photometer for Determination of Dipyrone in Pharmaceutical Formulations. Journal of the Brazilian Chemical Society, 2013, , .	0.6	2
138	Evaluation of Inductively Coupled Plasma Tandem Mass Spectrometry for Determination of As in Agricultural Inputs with High REE Contents. Journal of the Brazilian Chemical Society, 2016, , .	0.6	2
139	Embrapa's experience in the production and development of agriculture reference materials. Journal of Physics: Conference Series, 2016, 733, 012005.	0.3	2
140	Potential of near-infrared spectroscopy for quality evaluation of cattle leather. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 202, 182-186.	2.0	2
141	Effect of Genetic Crossing and Nutritional Management on the Mineral Composition of Carcass, Blood, Leather, and Viscera of Sheep. Biological Trace Element Research, 2021, 199, 4133-4144.	1.9	2
142	Interplay among miR-29 family, mineral metabolism, and gene regulation in Bos indicus muscle. Molecular Genetics and Genomics, 2020, 295, 1113-1127.	1.0	2
143	Application of QuEChERS method and gas chromatography-mass spectrometry for the analysis of cypermethrin residue in milk. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2011, 46, 671-7.	0.7	2
144	Pressurized System and Microwave-Assisted Extraction for Rapid Analysis of Fiber in Animal Feedstuffs. Analytical Letters, 2008, 41, 1633-1639.	1.0	1

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145	Production and characterization of a bovine liver candidate reference material. Journal of Physics: Conference Series, 2016, 733, 012006.	0.3	1
146	Calcium, Fe, Cu, Zn, and Mg Fractionation in In Natura and Aged Beef Samples by Bioanalytical Methods. Food Analytical Methods, 2020, 13, 186-194.	1.3	1
147	Bioaccessibility Assessment of Cu, Fe, K, Mg, P, and Zn in Thermally Treated Lamb Meat. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
148	Predicted standard deviation of proficiency testing performance in animal nutrition methods. Journal of Physics: Conference Series, 2021, 1826, 012033.	0.3	1
149	Determination of Al, Ba, Cd, Cr, Cu, Fe, Sr, and Ti in Sparkler Candles by MIP OES. Food Analytical Methods, 0, , 1.	1.3	1
150	Self-organizing map applied to the choice of internal standards for the determination of Cd, Pb, Sn, and platinum group elements by inductively coupled plasma mass spectrometry. Talanta, 2021, 233, 122534.	2.9	1
151	Zinc fractionation in cow, goat, sheep and soybean milk samples using gel-electrophoresis and determination by electrothermal atomic absorption spectrometry (ETAAS). Ecletica Quimica, 2021, 46, 12-20.	0.2	1
152	ExtraÃ§Ã£o de micronutrientes em solo com soluÃ§Ã£o de DTPA em forno de microondas com radiaÃ§Ã£o focalizada. Revista Brasileira De Ciencia Do Solo, 2002, 26, 789-794.	0.5	0
153	Flow system to gas capture from a nebulized solution. Analytica Chimica Acta, 2003, 479, 167-172.	2.6	0
154	Evaluation of Decomposition Procedure to Determine Ba, Co, Cr, Cu, Ni, Mn, V, and Zn Total Content in Soil Samples. Communications in Soil Science and Plant Analysis, 2014, 45, 2495-2501.	0.6	0
155	Alternative Approaches Applied to Inductively Coupled Plasma Techniques: Multiâ€'Flow and Two-Flow Calibration. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
156	AnÃ¡lise quÃmica inorgÃ¢nica de leite esimulaÃ§Ã£o do reagente CFA-C. Ecletica Quimica, 2002, 27, 61-76.	0.2	0
157	BIOACESSIBILIDADE DE ZINCO, CÃŁCIO E FÃ“SFORO EM EXTRATO DE SOJA E AMOSTRAS DE LEITE BOVINO, CAPRINO E OVINO. Quimica Nova, 0, , .	0.3	0