

Ana Rita A Nogueira

List of Publications by Year in descending order

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157
papers

3,360
citations

136740

32
h-index

205818

48
g-index

158
all docs

158
docs citations

158
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromium speciation in organic fertilizer by cloud point extraction and optimization through experimental Doehlert design as support for legislative aspects. <i>Microchemical Journal</i> , 2021, 160, 105618.	2.3	13
2	Feasibility of Dispersive Liquid-Liquid Microextraction for Molybdenum Determination in Lamb Meat by MIP OES. <i>Food Analytical Methods</i> , 2021, 14, 496-502.	1.3	7
3	Effect of Genetic Crossing and Nutritional Management on the Mineral Composition of Carcass, Blood, Leather, and Viscera of Sheep. <i>Biological Trace Element Research</i> , 2021, 199, 4133-4144.	1.9	2
4	Predicted standard deviation of proficiency testing performance in animal nutrition methods. <i>Journal of Physics: Conference Series</i> , 2021, 1826, 012033.	0.3	1
5	Oral health, organic and inorganic saliva composition of men with Schizophrenia: Case-control study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 66, 126743.	1.5	8
6	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. <i>Talanta</i> , 2021, 233, 122534.	2.9	1
7	Zinc fractionation in cow, goat, sheep and soybean milk samples using gel-electrophoresis and determination by electrothermal atomic absorption spectrometry (ETAAS). <i>Ecletica Quimica</i> , 2021, 46, 12-20.	0.2	1
8	Animal and Vegetable Protein Burgers: Bromatological Analysis, Mineral Composition, and Bioaccessibility Evaluation. <i>ACS Food Science & Technology</i> , 2021, 1, 1821-1829.	1.3	3
9	Determination of Trace Elements in Meat and Fish Samples by MIP OES Using Solid-Phase Extraction. <i>Food Analytical Methods</i> , 2020, 13, 238-248.	1.3	23
10	Calcium, Fe, Cu, Zn, and Mg Fractionation in In Natura and Aged Beef Samples by Bioanalytical Methods. <i>Food Analytical Methods</i> , 2020, 13, 186-194.	1.3	1
11	Multi-elemental determination in meat samples using multi-isotope calibration strategy by ICP-MS. <i>Food Chemistry</i> , 2020, 303, 125395.	4.2	14
12	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. <i>Analytical Methods</i> , 2020, 12, 39-45.	1.3	8
13	Calculating limits of detection and defining working ranges for multi-signal calibration methods. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1614-1620.	1.6	24
14	Coprecipitation magnesium(II) hydroxide as a strategy of pre-concentration for trace elemental determination by microwave-induced plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 169, 105899.	1.5	14
15	Determination of chromium picolinate and trace hexavalent chromium in multivitamins and supplements by HPLC-ICP-QQQ-MS. <i>Journal of Food Composition and Analysis</i> , 2020, 87, 103421.	1.9	14
16	Evaluation of different nebulizers performance on microwave-induced plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 168, 105867.	1.5	8
17	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 167, 105842.	1.5	8
18	Genetic regulators of mineral amount in Nelore cattle muscle predicted by a new co-expression and regulatory impact factor approach. <i>Scientific Reports</i> , 2020, 10, 8436.	1.6	10

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19	Interplay among miR-29 family, mineral metabolism, and gene regulation in <i>Bos indicus</i> muscle. <i>Molecular Genetics and Genomics</i> , 2020, 295, 1113-1127.	1.0	2
20	Multi-Energy Calibration: A Practical Method for Determination of Macro and Micro Nutrients in Meat by ICP OES. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	4
21	Preparation and evaluation of a new reference material for macro- and micronutrients in fish feed. <i>Microchemical Journal</i> , 2019, 149, 104027.	2.3	9
22	Muscle transcriptome analysis reveals genes and metabolic pathways related to mineral concentration in <i>Bos indicus</i> . <i>Scientific Reports</i> , 2019, 9, 12715.	1.6	15
23	Internal standardization and plasma molecular species: signal correction approaches for determination of phosphorus from phospholipids in meat by MIP OES. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 782-787.	1.6	13
24	Quantitation of Selenomethionine in Multivitamins and Selenium Supplements by High Performance Liquid Chromatography Inductively-Coupled Plasma Mass Spectrometry. <i>Food Analytical Methods</i> , 2019, 12, 1316-1326.	1.3	9
25	Multi-energy calibration as a strategy for elemental analysis of fertilizers by microwave-induced plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1168-1172.	1.6	39
26	Trends in developments of certified reference materials for chemical analysis - Focus on food, water, soil, and sediment matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 100, 53-64.	5.8	29
27	Bioaccessibility of Ca, Cu, Fe, Mg, Zn, and crude protein in beef, pork and chicken after thermal processing. <i>Food Chemistry</i> , 2018, 240, 75-83.	4.2	50
28	Preparation and characterization of phosphate rock as quality control material. <i>Accreditation and Quality Assurance</i> , 2018, 23, 39-45.	0.4	3
29	The use of diluted formic acid in sample preparation for macro- and microelements determination in foodstuff samples using ICP OES. <i>Journal of Food Composition and Analysis</i> , 2018, 66, 7-12.	1.9	20
30	Potential of near-infrared spectroscopy for quality evaluation of cattle leather. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 202, 182-186.	2.0	2
31	Use of multiple lines for improving accuracy, minimizing systematic errors from spectral interferences, and reducing matrix effects in MIP OES measurements. <i>Microchemical Journal</i> , 2018, 143, 326-330.	2.3	15
32	Determination of inorganic constituents and physicochemical characterization of functional flour samples. <i>Microchemical Journal</i> , 2017, 132, 112-118.	2.3	11
33	Multielemental Determination of As, Bi, Ge, Sb, and Sn in Agricultural Samples Using Hydride Generation Coupled to Microwave-Induced Plasma Optical Emission Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4839-4842.	2.4	24
34	Controlled Urea Release Employing Nanocomposites Increases the Efficiency of Nitrogen Use by Forage. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9993-10001.	3.2	53
35	Complex samples and spectral interferences in ICP-MS: Evaluation of tandem mass spectrometry for interference-free determination of cadmium, tin and platinum group elements. <i>Microchemical Journal</i> , 2017, 130, 271-275.	2.3	40
36	Lithium and calcium based perovskite type oxides for ethylic transesterification. <i>Catalysis Today</i> , 2017, 279, 177-186.	2.2	10

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37	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
38	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
39	Strategy of Sample Preparation for Arsenic Determination in Mineral Fertilizers. Journal of the Brazilian Chemical Society, 2016, , .	0.6	4
40	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
41	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
42	Production and characterization of a bovine liver candidate reference material. Journal of Physics: Conference Series, 2016, 733, 012006.	0.3	1
43	Embrapa's experience in the production and development of agriculture reference materials. Journal of Physics: Conference Series, 2016, 733, 012005.	0.3	2
44	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
45	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
46	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
47	Iron Content Affects Lipogenic Gene Expression in the Muscle of Nelore Beef Cattle. PLoS ONE, 2016, 11, e0161160.	1.1	28
48	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
49	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
50	Detection of quantitative trait loci for mineral content of Nelore longissimus dorsi muscle. Genetics Selection Evolution, 2015, 47, 15.	1.2	40
51	Calcium and potassium content in beef: Influences on tenderness and associations with molecular markers in Nelore cattle. Meat Science, 2014, 96, 436-440.	2.7	43
52	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
53	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
54	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

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55	Evaluation of sample preparation procedures and krypton as an interference standard probe for arsenic speciation by HPLC-ICP-QMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1303.	1.6	13
56	Sample preparation for arsenic speciation in terrestrial plants – A review. <i>Talanta</i> , 2013, 115, 291-299.	2.9	48
57	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. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	2
58	Desenvolvimento e validação do método QuEChERS na determinação de resíduos de medicamentos veterinários em leite e carne de bafalo. <i>Quimica Nova</i> , 2013, 36, 153-158.	0.3	5
59	DETERMINATION OF CHLORFENVINPHOS, FIPRONIL, AND CYPERMETHRIN RESIDUES IN MEAT AND BOVINE FAT USING QUECHERS METHOD AND GAS CHROMATOGRAPHY-MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1895-1908.	0.5	10
60	Evaluation of a Collision-Reaction Interface (CRI) for Carbon Effect Correction on Chromium Determination in Environmental Samples by ICP-MS. <i>Analytical Letters</i> , 2012, 45, 2845-2855.	1.0	9
61	Determination of As and Sb in mineral waters by fast sequential continuous flow hydride generation atomic absorption spectrometry. <i>Analytical Methods</i> , 2011, 3, 599.	1.3	11
62	Focused-microwave-induced combustion: investigation of KClO ₃ thermal decomposition as O ₂ source. <i>Analytical Methods</i> , 2011, 3, 1688.	1.3	5
63	Evaluation of laser induced breakdown spectroscopy for multielemental determination in soils under sewage sludge application. <i>Talanta</i> , 2011, 85, 435-440.	2.9	47
64	Effect of root age on the allocation of metals, amino acids and sugars in different cell fractions of the perennial grass <i>Paspalum notatum</i> (bahiagrass). <i>Plant Physiology and Biochemistry</i> , 2011, 49, 1442-1447.	2.8	16
65	Selenium determination in tissue samples of Nile tilapia using ultrasound-assisted extraction. <i>Open Chemistry</i> , 2011, 9, 119-125.	1.0	7
66	Evaluation of the QuEChERS Method and Gas Chromatography-Mass Spectrometry for the Analysis Pesticide Residues in Water and Sediment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 18-22.	1.3	57
67	Application of QuEChERS method and gas chromatography-mass spectrometry for the analysis of cypermethrin residue in milk. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2011, 46, 671-7.	0.7	2
68	A compact miniaturized continuous flow system for the determination of urea content in milk. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1525-1533.	1.9	19
69	Evaluation of the mineral profile of textile materials using inductively coupled plasma optical emission spectrometry and chemometrics. <i>Journal of Hazardous Materials</i> , 2010, 182, 325-330.	6.5	17
70	Evaluation of metabisulfite and a commercial steel wool for removing chromium(VI) from wastewater. <i>Environmental Chemistry Letters</i> , 2010, 8, 73-77.	8.3	5
71	Evaluation of Different Sample Preparation Procedures Using Chemometrics: Comparison Among Photo-Fenton Reaction, Microwave Irradiation, and Direct Determination of Minerals in Fruit Juices. <i>Food Analytical Methods</i> , 2010, 3, 98-103.	1.3	5
72	Direct analysis of biodiesel microemulsions using an inductively coupled plasma mass spectrometry. <i>Microchemical Journal</i> , 2010, 96, 146-150.	2.3	39

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73	Determination of Ca in breakfast cereals by laser induced breakdown spectroscopy. <i>Food Control</i> , 2010, 21, 1327-1330.	2.8	52
74	Behaviour of arsenic and selenium in an ICP-QMS with collision and reaction interface. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1763.	1.6	34
75	Determinação de resíduos de pesticidas em plasma bovino por cromatografia gasosa-espectrometria de massas. <i>Quimica Nova</i> , 2009, 32, 1713-1716.	0.3	7
76	In Situ Soil Phosphorus Monitoring Probe Compared with Conventional Extraction Procedures. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 1282-1294.	0.6	11
77	Proficiency testing of animal nutrition laboratories. <i>Accreditation and Quality Assurance</i> , 2009, 14, 455-460.	0.4	3
78	Partial microwave-assisted wet digestion of animal tissue using a baby-bottle sterilizer for analyte determination by inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 615-618.	1.5	8
79	Matrix Solid-Phase Dispersion Extraction for Analysis of Cypermethrin Residue in Cows' Milk. <i>Chromatographia</i> , 2009, 69, 571-573.	0.7	6
80	Microwave-assisted digestion procedures for biological samples with diluted nitric acid: Identification of reaction products. <i>Talanta</i> , 2009, 79, 396-401.	2.9	85
81	Fast method for the determination of copper, manganese and iron in seafood samples. <i>Journal of Food Composition and Analysis</i> , 2008, 21, 259-263.	1.9	39
82	Coconut coir as biosorbent for Cr(VI) removal from laboratory wastewater. <i>Journal of Hazardous Materials</i> , 2008, 159, 252-256.	6.5	81
83	Multivariate optimization of a procedure for Cr and Co ultratrace determination in vegetal samples using CF AAS after cloud-point extraction. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 131-140.	1.8	16
84	Pressurized System and Microwave-Assisted Extraction for Rapid Analysis of Fiber in Animal Feedstuffs. <i>Analytical Letters</i> , 2008, 41, 1633-1639.	1.0	1
85	Síntese de hidrogênio e cinética de liberação de amônio e potássio. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 1643-1649.	0.5	16
86	Especiação redox de cromo em solo acidentalmente contaminado com solução sulfocrômica. <i>Quimica Nova</i> , 2008, 31, 1450-1454.	0.3	5
87	High-Throughput Microwave-Assisted Digestion and Extraction Procedures for Agricultural Materials. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 2333-2345.	0.6	10
88	Multivariate Classification of Cigarettes According to Their Elemental Content Determined by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Analytical Sciences</i> , 2007, 23, 435-438.	0.8	9
89	Determination of vanadium in human hair slurries by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2007, 71, 1118-1123.	2.9	18
90	Effect of pre-treatment and supporting media on Ni(II), Cu(II), Al(III) and Fe(III) sorption by plant root material. <i>Chemosphere</i> , 2007, 68, 537-545.	4.2	29

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91	Soil Calcium and pH Monitoring Sensor System. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 4658-4663.	2.4	36
92	Evaluation of a rapid semi-quantitative analysis approach using inductively coupled plasma optical emission spectrometry with axial viewing. <i>Microchemical Journal</i> , 2007, 86, 60-64.	2.3	2
93	Microwave-assisted photo-Fenton decomposition of chlorfenvinphos and cypermethrin in residual water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 185, 32-37.	2.0	44
94	Avaliação da reação foto-fenton na decomposição de resíduos de carrapaticida. <i>Química Nova</i> , 2007, 30, 264-267.	0.3	10
95	Planejamento fatorial aplicado à digestão de amostras de feijão assistida por radiação microondas. <i>Química Nova</i> , 2006, 29, 149-152.	0.3	12
96	Acid extraction and cloud point preconcentration as sample preparation strategies for cobalt determination in biological materials by thermospray flame furnace atomic absorption spectrometry. <i>Microchemical Journal</i> , 2006, 82, 189-195.	2.3	86
97	Flow injection system for hydrolysable tannin determination. <i>Microchemical Journal</i> , 2006, 84, 88-92.	2.3	24
98	Digestão de óleo lubrificante encapsulado em forno de microondas com radiação focalizada por adição de amostra ao reagente pré-aquecido. <i>Química Nova</i> , 2006, 29, .	0.3	9
99	Pattern recognition applied to mineral characterization of Brazilian coffees and sugar-cane spirits. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 717-724.	1.5	65
100	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 575-581.	1.5	16
101	Bovine liver sample preparation and micro-homogeneity study for Cu and Zn determination by solid sampling electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 673-680.	1.5	48
102	Direct determination of Cu, Mn, Pb, and Zn in beer by thermospray flame furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 749-753.	1.5	83
103	Clay and refractory materials slurries in inductively coupled plasma optical emission spectrometry: effects of mechanochemical synthesis on emission intensities of analytes. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 372-380.	0.6	5
104	Decomposição de amostras de solos assistida por radiação microondas: estratégia para evitar a formação de fluoretos insolúveis. <i>Revista Brasileira De Ciencia Do Solo</i> , 2005, 29, 547-553.	0.5	18
105	Use of factorial design for optimization of microwave-assisted digestion of lubricating oil. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1269-1274.	0.6	28
106	Flow Injection Potentiometric System for the Simultaneous Determination of Inositol Phosphates and Phosphate: A Phosphorus Nutritional Evaluation on Seeds and Grains. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7644-7648.	2.4	16
107	A new procedure for bovine milk digestion in a focused microwave oven: gradual sample addition to pre-heated acid. <i>Talanta</i> , 2005, 65, 505-510.	2.9	25
108	Determination of vanadium in urine by electrothermal atomic absorption spectrometry using hot injection and preconcentration into the graphite tube. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 676-681.	0.6	10

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109	Microwave Single Vessel Acid-Vapor Extraction: Effect of Experimental Parameters on Co and Fe Determination in Biological Samples. <i>Mikrochimica Acta</i> , 2004, 144, 81-85.	2.5	10
110	Effect of drying method and length of storage on tannin and total phenol concentrations in Pigeon pea seeds. <i>Food Chemistry</i> , 2004, 86, 17-23.	4.2	42
111	Orthophosphate, Phytate, and Total Phosphorus Determination in Cereals by Flow Injection Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1800-1803.	2.4	24
112	In-Soil Potassium Sensor System. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5810-5815.	2.4	24
113	Direct determination of Cu and Zn in fruit juices and bovine milk by thermospray flame furnace atomic absorption spectrometry. <i>Talanta</i> , 2004, 64, 912-917.	2.9	63
114	Flow system to gas capture from a nebulized solution. <i>Analytica Chimica Acta</i> , 2003, 479, 167-172.	2.6	0
115	Development of a screen-printed thick-film nitrate sensor based on a graphite-epoxy composite for agricultural applications. <i>Sensors and Actuators B: Chemical</i> , 2003, 88, 337-344.	4.0	31
116	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.	2.4	6
117	Single vessel procedure for acid vapor partial digestion of bovine liver in a focused microwave: multielement determination by ICP-OES. <i>Talanta</i> , 2003, 61, 81-86.	2.9	15
118	FIA-FAAS method for tannin determination based on a precipitation reaction with hemoglobin. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 329-333.	0.6	6
119	Microwave-Assisted Acid Decomposition of Animal- and Plant-Derived Samples for Element Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 4164-4168.	2.4	36
120	Extração de micronutrientes em solo com solução de DTPA em forno de microondas com radiação focalizada. <i>Revista Brasileira De Ciencia Do Solo</i> , 2002, 26, 789-794.	0.5	0
121	Effect of acid concentration on closed-vessel microwave-assisted digestion of plant materials. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 2121-2132.	1.5	151
122	Focused-microwave-assisted strategies for sample preparation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 1855-1876.	1.5	87
123	Evaluation of inductively coupled plasma optical emission spectrometers with axially and radially viewed configurations. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 1905-1913.	1.5	70
124	Oxygen bomb combustion of biological samples for inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 2195-2201.	1.5	36
125	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.	4.2	31
126	Homogenization of breakfast cereals using cryogenic grinding. <i>Journal of Food Engineering</i> , 2002, 51, 59-63.	2.7	26

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127	Análise exploratória dos teores de constituintes inorgânicos em sucos e refrigerantes de uva. <i>Ecletica Quimica</i> , 2002, 27, 77-90.	0.2	11
128	Discriminação geográfica de águas minerais do Estado de São Paulo através da análise exploratória. <i>Ecletica Quimica</i> , 2002, 27, 91-102.	0.2	10
129	Análise química inorgânica de leite esmulação do reagente CFA-C. <i>Ecletica Quimica</i> , 2002, 27, 61-76.	0.2	0
130	Determination of dysprosium and europium in sheep faeces by graphite furnace and tungsten coil electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2001, 55, 847-854.	2.9	22
131	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 825-830.	1.6	13
132	USE OF YEAST CRUDE EXTRACT FOR SEQUENTIAL INJECTION DETERMINATION OF CARBOHYDRATES. <i>Analytical Letters</i> , 2001, 34, 1377-1388.	1.0	7
133	An attempt to correlate fat and protein content of biological samples with residual carbon after microwave-assisted digestion. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 536-540.	1.5	16
134	Focused microwave-assisted acid digestion of oils: an evaluation of the residual carbon content. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1981-1985.	1.5	27
135	Study of the protein-bound fraction of calcium, iron, magnesium and zinc in bovine milk. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1909-1916.	1.5	38
136	A new strategy for preparation of hair slurries using cryogenic grinding and water-soluble tertiary-amines medium. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1973-1980.	1.5	22
137	Determination of residual carbon by inductively-coupled plasma optical emission spectrometry with axial and radial view configurations. <i>Analytica Chimica Acta</i> , 2001, 445, 269-275.	2.6	118
138	Determination of soil calcareous efficiency using flow system with pervaporative separation. <i>Analytica Chimica Acta</i> , 2001, 438, 273-279.	2.6	9
139	Determination of Total, Volatile and Acid Detergent Insoluble Nitrogen in Silage by Sequential Injection.. <i>Analytical Sciences</i> , 2000, 16, 361-364.	0.8	6
140	Potentiometric determination of urea by sequential injection using Jack bean meal crude extract as a source of urease. <i>Talanta</i> , 2000, 53, 331-336.	2.9	21
141	Vanillin-condensed tannin study using flow injection spectrophotometry. <i>Talanta</i> , 2000, 51, 1-6.	2.9	8
142	Single vessel procedure for acid-vapour partial digestion in a focused microwave: Fe and Co determination in biological samples by ETAAS. <i>Analyst</i> , The, 2000, 125, 1861-1864.	1.7	36
143	Determination of chloride in milk using sequential injection automated conductimetry. <i>Food Chemistry</i> , 1999, 67, 317-322.	4.2	19
144	Determination of Cobalt in Animal Feces by Tungsten Coil Atomic Absorption Spectrophotometry.. <i>Analytical Sciences</i> , 1999, 15, 165-171.	0.8	13

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145	A polyvalent flow injection system for multielemental spectrophotometric analysis of plant materials. This paper was presented at the Flow Analysis VII conference held in Piracicaba, Brazil from 23-26 August 1997. <i>Analytica Chimica Acta</i> , 1998, 370, 39-46.	2.6	15
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148	Flow Injection Spectrophotometric Catalytic Determination of Iodine in Milk. <i>Analytical Sciences</i> , 1998, 14, 559-564.	0.8	17
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157	BIOACCESSIBILIDADE DE ZINCO, CÂLCIO E FÓSFORO EM EXTRATO DE SOJA E AMOSTRAS DE LEITE BOVINO, CAPRINO E OVINO. <i>Química Nova</i> , 0, , .	0.3	0