Joaquim A Nobrega

List of Publications by Citations

284 papers	5,941 citations	39 h-index	55 g-index
313 ext. papers	6,331 ext. citations	3.8 avg, IF	5.8 L-index

#	Paper	IF	Citations
284	Equilibrium studies for the sorption of chromium and nickel from aqueous solutions using raw rice bran. *Process Biochemistry*, **2005**, 40, 3485-3490	4.8	190
283	Effect of acid concentration on closed-vessel microwave-assisted digestion of plant materials. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2002**, 57, 2121-2132	3.1	123
282	Sample preparation in alkaline media. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2006**, 61, 465-495	3.1	102
281	Determination of residual carbon by inductively-coupled plasma optical emission spectrometry with axial and radial view configurations. *Analytica Chimica Acta*, **2001**, 445, 269-275	6.6	98
280	Focused-microwave-assisted strategies for sample preparation. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2002**, 57, 1855-1876	3.1	80
279	Microwave-assisted digestion of organic samples: how simple can it become?. *Talanta*, **2012**, 98, 272-6	6.2	76
278	Flow analysis strategies to greener analytical chemistry. An overview. *Green Chemistry*, **2001**, 3, 216	10	76
277	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	4.8	74
276	A critical evaluation of digestion procedures for coffee samples using diluted nitric acid in closed vessels for inductively coupled plasma optical emission spectrometry. *Talanta*, **2009**, 78, 1378-82	6.2	71
275	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	3.1	70
274	Microwave-assisted diluted acid digestion for trace elements analysis of edible soybean products. *Food Chemistry*, **2015**, 175, 212-7	8.5	68
273	Microwave-assisted digestion procedures for biological samples with diluted nitric acid: identification of reaction products. *Talanta*, **2009**, 79, 396-401	6.2	66
272	Microwave-assisted digestion methods: towards greener approaches for plasma-based analytical techniques. *Journal of Analytical Atomic Spectrometry*, **2017**, 32, 1448-1466	3.7	65
271	Understanding the process of microwave-assisted digestion combining diluted nitric acid and oxygen as auxiliary reagent. *Microchemical Journal*, **2011**, 99, 193-196	4.8	62
270	Evaluation of a digestion procedure based on the use of diluted nitric acid solutions and H2O2 for the multielement determination of whole milk powder and bovine liver by ICP-based techniques. *Journal of Analytical Atomic Spectrometry*, **2014**, 29, 332-338	3.7	59
269	Evaluation of inductively coupled plasma optical emission spectrometers with axially and radially viewed configurations. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2002**, 57, 1905-1913	3.1	59
268	Pattern recognition applied to mineral characterization of Brazilian coffees and sugar-cane spirits. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2005**, 60, 717-724	3.1	59

267	Determination of Cr, Ni, Pb and V in gasoline and ethanol fuel by microwave plasma optical emission spectrometry. *Journal of Analytical Atomic Spectrometry*, **2013**, 28, 755	3.7	58
266	Greening sample preparation in inorganic analysis. *TrAC - Trends in Analytical Chemistry*, **2013**, 45, 79-92	14.6	58
265	Determination of Cd and Pb in food slurries by GFAAS using cryogenic grinding for sample preparation. *Analytical and Bioanalytical Chemistry*, **2002**, 373, 183-9	4.4	56
264	Direct determination of Cu and Zn in fruit juices and bovine milk by thermospray flame furnace atomic absorption spectrometry. *Talanta*, **2004**, 64, 912-7	6.2	56
263	Direct determination of iron and selenium in bovine milk by graphite furnace atomic absorption spectrometry. *Food Chemistry*, **2003**, 83, 457-462	8.5	55
262	Comparison of heating extraction procedures for Al, Ca, Mg, and Mn in tea samples. *Analytical Sciences*, **2002**, 18, 313-8	1.7	55
261	Evaluation of oxygen pressurized microwave-assisted digestion of botanical materials using diluted nitric acid. *Talanta*, **2011**, 83, 1324-8	6.2	53
260	Microwave-assisted digestion in closed vessels: effect of pressurization with oxygen on digestion process with diluted nitric acid. *Analytical Methods*, **2010**, 2, 734	3.2	53
259	A simple dilute-and-shoot procedure for Si determination in diesel and biodiesel by microwave-induced plasma optical emission spectrometry. *Microchemical Journal*, **2013**, 106, 318-322	4.8	52
258	Determination of ytterbium in animal faeces by tungsten coil electrothermal atomic absorption spectrometry. *Talanta*, **1998**, 47, 613-23	6.2	51
257	Improvement of microwave-assisted digestion of milk powder with diluted nitric acid using oxygen as auxiliary reagent. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2011**, 66, 394-398	3.1	50
256	Traditional Calibration Methods in Atomic Spectrometry and New Calibration Strategies for Inductively Coupled Plasma Mass Spectrometry. *Frontiers in Chemistry*, **2018**, 6, 504	5	50
255	Direct Determination of Major and Trace Elements in Milk by Inductively Coupled Plasma Atomic Emission and Mass Spectrometry. *Journal of Analytical Atomic Spectrometry*, **1997**, 12, 1243-1246	3.7	49
254	Focused microwave-induced combustion: a new technique for sample digestion. *Analytical Chemistry*, **2010**, 82, 2155-60	7.8	48
253	Multi-energy calibration applied to atomic spectrometry. *Analytica Chimica Acta*, **2017**, 982, 31-36	6.6	46
252	UV photochemical generation of volatile cadmium species. *Journal of Analytical Atomic Spectrometry*, **2011**, 26, 2519	3.7	46
251	Determination of macro- and micronutrients in plant leaves by high-resolution continuum source flame atomic absorption spectrometry combining instrumental and sample preparation strategies. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2010**, 65, 316-320	3.1	46
250	Slurry Nebulization in Plasmas for Analysis of Inorganic Materials. *Applied Spectroscopy Reviews*, **2006**, 41, 427-448	4.5	45

249	Sample preparation for arsenic speciation in terrestrial plants--a review. *Talanta*, **2013**, 115, 291-9	6.2	42
248	Simultaneous determination of cadmium and lead in wine by electrothermal atomic absorption spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2001**, 56, 1987-1993	3.1	42
247	Microwave-assisted photo-Fenton decomposition of chlorfenvinphos and cypermethrin in residual water. *Journal of Photochemistry and Photobiology A: Chemistry*, **2007**, 185, 32-37	4.7	41
246	Determination of P, S and Si in biodiesel, diesel and lubricating oil using ICP-MS/MS. *Analytical Methods*, **2014**, 6, 4516-4520	3.2	39
245	The use of silica-immobilized brown alga (Pilayella littoralis) for metal preconcentration and determination by inductively coupled plasma optical emission spectrometry. *Talanta*, **2003**, 60, 1131-40	6.2	39
244	Tungsten coil atomic emission spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2006**, 61, 225-229	3.1	37
243	Advances with tungsten coil atomizers: Continuum source atomic absorption and emission spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2005**, 60, 589-598	3.1	37
242	REVIEW: Iodine Determination by Inductively Coupled Plasma Spectrometry. *Applied Spectroscopy Reviews*, **2010**, 45, 447-473	4.5	36
241	Effect of simultaneous cooling on microwave-assisted wet digestion of biological samples with diluted nitric acid and O2 pressure. *Analytica Chimica Acta*, **2014**, 837, 16-22	6.6	35
240	Focused microwave-induced combustion for digestion of botanical samples and metals determination by ICP OES and ICP-MS. *Talanta*, **2012**, 94, 308-14	6.2	35
239	Tandem mass spectrometry (ICP-MS/MS) for overcoming molybdenum oxide interferences on Cd determination in milk. *Microchemical Journal*, **2015**, 120, 64-68	4.8	34
238	Direct analysis of biodiesel microemulsions using an inductively coupled plasma mass spectrometry. *Microchemical Journal*, **2010**, 96, 146-150	4.8	34
237	Simultaneous determination of the Lanthanides by tungsten coil atomic emission spectrometry. *Journal of Analytical Atomic Spectrometry*, **2008**, 23, 361-366	3.7	34
236	Behaviour of arsenic and selenium in an ICP-QMS with collision and reaction interface. *Journal of Analytical Atomic Spectrometry*, **2010**, 25, 1763	3.7	33
235	Direct determination of Cd, Cu and Pb in wines and grape juices by thermospray flame furnace atomic absorption spectrometry. *Talanta*, **2008**, 76, 1113-8	6.2	33
234	Oxygen bomb combustion of biological samples for inductively coupled plasma optical emission spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2002**, 57, 2195-2201	3.1	33
233	Determination of lead in blood by tungsten coil electrothermal atomic absorption spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **1995**, 50, 1469-1474	3.1	32
232	Flow injection potentiometric determination of saccharin in dietary products with relocation of filtration unit. *Talanta*, **1994**, 41, 731-4	6.2	32

231	Determination of barium in waters by tungsten coil electrothermal atomic absorption spectrometry. *Journal of Analytical Atomic Spectrometry*, **1994**, 9, 861	3.7	32
230	Determination of Cd in urine by cloud point extraction-tungsten coil atomic absorption spectrometry. *Talanta*, **2008**, 76, 1252-5	6.2	31
229	Microwave-assisted Acid decomposition of animal- and plant-derived samples for element analysis. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 4164-8	5.7	31
228	Reducing Polyatomic Interferences in the ICP-MS Determination of Chromium and Vanadium in Biofluids and Tissues. *Applied Spectroscopy*, **1998**, 52, 205-211	3.1	31
227	Determination of lead in medicinal plants by high-resolution continuum source graphite furnace atomic absorption spectrometry using direct solid sampling. *Talanta*, **2012**, 100, 21-6	6.2	30
226	Performance evaluation of collision-reaction interface and internal standardization in quadrupole ICP-MS measurements. *Talanta*, **2011**, 86, 241-7	6.2	30
225	Determination of toxic elements in plastics from waste electrical and electronic equipment by slurry sampling electrothermal atomic absorption spectrometry. *Talanta*, **2010**, 81, 1781-7	6.2	30
224	Surface and gas phase temperatures of a tungsten coil atomizer. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2002**, 57, 1789-1799	3.1	30
223	Determination of selenium in nutritionally relevant foods by graphite furnace atomic absorption spectrometry using arsenic as internal standard. *Food Chemistry*, **2005**, 93, 355-360	8.5	30
222	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	3.1	30
221	Asynchronous merging zones system: spectrophotometric determination of Fe(II) and Fe(III) in pharmaceutical products. *Talanta*, **1999**, 49, 505-10	6.2	30
220	Analysis of waste electrical and electronic equipment (WEEE) using laser induced breakdown spectroscopy (LIBS) and multivariate analysis. *Talanta*, **2013**, 117, 419-24	6.2	29
219	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	4.8	29
218	Determination of Elements in Biological and Botanical Materials by Inductively Coupled Plasma Atomic Emission and Mass Spectrometry After Extraction With a Tertiary Amine Reagent. *Journal of Analytical Atomic Spectrometry*, **1997**, 12, 1239-1242	3.7	29
217	Flow injection spectrophotometric method for chloride determination in natural waters using Hg(SCN)(2) immobilized in epoxy resin. *Talanta*, **2005**, 65, 965-70	6.2	29
216	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, 1861-4	5	29
215	Determination of Ca, Mg, and Zn in biodiesel microemulsions by FAAS using discrete nebulization. *Fuel*, **2012**, 93, 167-171	7.1	28
214	Determination of Cd, Cr, Hg and Pb in plastics from waste electrical and electronic equipment by inductively coupled plasma mass spectrometry with collision-reaction interface technology. *Journal of Hazardous Materials*, **2011**, 190, 833-9	12.8	28

213	Simple and efficient elimination of copper(II) in sugar-cane spirits. *Food Chemistry*, **2007**, 101, 33-36	8.5	28
212	Flow-injection spectrophotometric determination of ascorbic acid in pharmaceutical products with the Prussian Blue reaction. *Talanta*, **1996**, 43, 971-6	6.2	28
211	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	8.5	27
210	Determination of cadmium in biological materials by tungsten coil atomic absorption spectrometry. *Journal of Analytical Atomic Spectrometry*, **1993**, 8, 243-245	3.7	27
209	On-line electrolytic dissolution of alloys in flow injection analysis. *Analytica Chimica Acta*, **1988**, 214, 397-400	6.0	27
208	Evaluation and application of bismuth as an internal standard for the determination of lead in wines by simultaneous electrothermal atomic absorption spectrometry. *Analyst, The*, **2002**, 127, 157-62	5	26
207	Microwave-assisted digestion using dilute nitric acid solution and investigation of calibration strategies for determination of As, Cd, Hg and Pb in dietary supplements using ICP-MS. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 174, 471-478	3.5	25
206	Recent developments in microwave-induced plasma optical emission spectrometry and applications of a commercial Hammer-cavity instrument. *TrAC - Trends in Analytical Chemistry*, **2019**, 116, 151-157	14.6	25
205	Green Strategies in Trace Analysis: A Glimpse of Simple Alternatives for Sample Pretreatment and Analyte Determination. *Spectroscopy Letters*, **2009**, 42, 418-429	1.1	25
204	Evaluation of the use of multiple lines for determination of metals in water by inductively coupled plasma optical emission spectrometry with axial viewing. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2009**, 64, 544-548	3.1	25
203	Determination of zinc and copper in human hair by slurry sampling employing sequential multi-element flame atomic absorption spectrometry. *Microchemical Journal*, **2007**, 87, 128-131	4.8	25
202	Complementary FPLC-ICP-MS and MALDI-TOF for studying vanadium association to human serum proteins. *Journal of Analytical Atomic Spectrometry*, **2005**, 20, 210-215	3.7	25
201	Use of factorial design for optimization of microwave-assisted digestion of lubricating oil. *Journal of the Brazilian Chemical Society*, **2005**, 16, 1269-1274	1.5	25
200	Focused microwave-assisted acid digestion of oils: an evaluation of the residual carbon content. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2001**, 56, 1981-1985	3.1	25
199	Separation and preconcentration by flow injection coupled to tungsten coil electrothermal atomic absorption spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **1996**, 51, 1925-1934	3.1	25
198	Flow injection spectrophotometric determination of aspartame in dietary products. *Analyst, The*, **1994**, 119, 2101-4	5	25
197	Evaluation of lines of boron, phosphorus and sulfur by high-resolution continuum source flame atomic absorption spectrometry for plant analysis. *Microchemical Journal*, **2013**, 109, 134-138	4.8	24
196	A novel strategy to determine As, Cr, Hg and V in drinking water by ICP-MS/MS. *Analytical Methods*, **2015**, 7, 1215-1220	3.2	24

195	Dilute-and-shoot procedure for the determination of mineral constituents in vinegar samples by axially viewed inductively coupled plasma optical emission spectrometry (ICP OES). *Food Additives and Contaminants*, **2007**, 24, 130-9		24
194	A new procedure for bovine milk digestion in a focused microwave oven: gradual sample addition to pre-heated acid. *Talanta*, **2005**, 65, 505-10	6.2	24
193	Use of modifiers with metal atomizers in electrothermal AAS: a short review. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2004**, 59, 1337-1345	3.1	24
192	Determinação direta de selênio em água de coco e em leite de coco utilizando espectrometria de absorção atômica com atomização eletrotérmica em forno de grafite. *Quimica Nova*, **2000**, 23, 310-312	1.6	24
191	Tungsten coil atomic emission spectrometry combined with dispersive liquid-liquid microextraction: A synergistic association for chromium determination in water samples. *Talanta*, **2016**, 148, 602-8	6.2	23
190	Evaluation of solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry for direct determination of chromium in medicinal plants. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2012**, 78, 58-61	3.1	23
189	Determination of molybdenum in plants by vortex-assisted emulsification solidified floating organic drop microextraction and flame atomic absorption spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2013**, 86, 142-145	3.1	23
188	Chemical modifiers in a tungsten coil electrothermal atomizer.. *Journal of Analytical Atomic Spectrometry*, **1998**, 13, 29-35	3.7	23
187	Homogenization of breakfast cereals using cryogenic grinding. *Journal of Food Engineering*, **2002**, 51, 59-63	6	23
186	Comparison of decomposition procedures for analysis of titanium dioxide using inductively coupled plasma optical emission spectrometry. *Microchemical Journal*, **2002**, 71, 41-48	4.8	23
185	Atomization of Al in a tungsten coil electrothermal atomic absorption spectrophotometer. *Talanta*, **1999**, 48, 695-703	6.2	23
184	Determination of total sulfur in agricultural samples by high-resolution continuum source flame molecular absorption spectrometry. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 2197-201	5.7	22
183	Determination and fractionation of barium in Brazil nuts. *Journal of the Brazilian Chemical Society*, **2009**, 20, 760-769	1.5	22
182	Aerosol dilution as a simple strategy for analysis of complex samples by ICP-MS. *Talanta*, **2018**, 178, 805-810	6.1	21
181	Determination of trace sulfur in biodiesel and diesel standard reference materials by isotope dilution sector field inductively coupled plasma mass spectrometry. *Analytica Chimica Acta*, **2014**, 806, 91-6	6.6	21
180	Application of the interference standard method for the determination of sulfur, manganese and iron in foods by inductively coupled plasma mass spectrometry. *Analytica Chimica Acta*, **2011**, 706, 223-8	6.6	21
179	Cloud point extraction to avoid interferences by structured background on determination in plant materials by FAAS. *Analytical Methods*, **2009**, 1, 68-70	3.2	21
178	On-line electrolytic dissolution of alloys in flow-injection analysis. Part 3. Multi-elemental analysis of stainless steels by inductively coupled plasma atomic emission spectrometry. *Analytica Chimica Acta*, **1991**, 245, 211-216	6.6	21

177	Evaluation of standard dilution analysis (SDA) of beverages and foodstuffs by ICP OES. *Journal of Analytical Atomic Spectrometry*, **2016**, 31, 1216-1222	3.7	21
176	Multi-isotope calibration for inductively coupled plasma mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 1157-1162	4.4	21
175	Reactivity and analytical performance of oxygen as cell gas in inductively coupled plasma tandem mass spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2016**, 126, 31-36	3.1	20
174	Direct determination of sodium, potassium, chromium and vanadium in biodiesel fuel by tungsten coil atomic emission spectrometry. *Analytica Chimica Acta*, **2014**, 806, 85-90	6.6	20
173	The use of water soluble tertiary amine reagent for solubilization and metal determination in fish muscle tissue. *Journal of the Brazilian Chemical Society*, **2005**, 16, 69-73	1.5	20
172	Determination of cadmium in hair and blood by tungsten coil electrothermal atomic absorption spectrometry with chemical modifiers. *Talanta*, **1999**, 48, 537-49	6.2	20
171	Determination of carbon in digested samples and amino acids by inductively coupled plasma tandem mass spectrometry. *Microchemical Journal*, **2015**, 122, 29-32	4.8	19
170	Interference standard: a new approach to minimizing spectral interferences in inductively coupled plasma mass spectrometry. *Journal of Analytical Atomic Spectrometry*, **2011**, 26, 1827	3.7	19
169	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	3.1	19
168	Determination of mercury in agroindustrial samples by flow-injection cold vapor atomic absorption spectrometry using ion exchange and reductive elution. *Talanta*, **2000**, 51, 587-94	6.2	19
167	Determination of dysprosium and europium in sheep faeces by graphite furnace and tungsten coil electrothermal atomic absorption spectrometry. *Talanta*, **2001**, 55, 847-54	6.2	19
166	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	5.7	18
165	Calibration strategies to overcome matrix effects in laser-induced breakdown spectroscopy: Direct calcium and phosphorus determination in solid mineral supplements. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2019**, 155, 90-98	3.1	18
164	Microwave-assisted digestion using diluted acid and base solutions for plant analysis by ICP OES. *Journal of Analytical Atomic Spectrometry*, **2016**, 31, 337-343	3.7	18
163	Combination of cool plasma and collision-reaction interface for correction of polyatomic interferences on copper signals in inductively coupled plasma quadrupole mass spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2011**, 66, 389-393	3.1	18
162	Flow Injection Spectrophotometric Determination of Free and Total Sulfite In Wines Based on the Induced Oxidation of Manganese(II). *Analytical Letters*, **1998**, 31, 2195-2208	2.2	18
161	Tungsten coil electrothermal matrix decomposition and sample vaporization to determine P and Si in biodiesel by inductively coupled plasma mass spectrometry. *Journal of Analytical Atomic Spectrometry*, **2013**, 28, 280-287	3.7	17
160	An overview of electrothermal excitation sources for atomic emission spectrometry. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2009**, 64, 191-198	3.1	17

159	Exploiting Mn(III)/EDTA complex in a flow system with solenoid micro-pumps coupled to long pathlength spectrophotometry for fast manganese determination. *Microchemical Journal*, **2011**, 98, 109-114	4.8	17
158	Inductively coupled plasma optical emission spectrometry with axially viewed configuration: an overview of applications. *Journal of the Brazilian Chemical Society*, **2007**, 18, 678-690	1.5	17
157	Electrothermal behavior of sodium, potassium, calcium and magnesium in a tungsten coil atomizer and review of interfering effects. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2002**, 57, 49-61	3.1	17
156	Decomposição de amostras de solos assistida por radiação microondas: estratégia para evitar a formação de fluoretos insolúveis. *Revista Brasileira De Ciencia Do Solo*, **2005**, 29, 547-553	1.5	17
155	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	3.1	17
154	Aerosol generation of As and Se hydrides using a new Flow Blurring® multiple nebulizer for sample introduction in inductively coupled plasma optical emission spectrometry. *Microchemical Journal*, **2014**, 112, 82-86	4.8	16
153	Determination of sulfur in biodiesel microemulsions using the summation of the intensities of multiple emission lines. *Talanta*, **2011**, 84, 995-9	6.2	16
152	Fraunhofer effect atomic absorption spectrometry. *Analytical Chemistry*, **2005**, 77, 1060-7	7.8	16
151	Flow injection spectrophotometric determination of cyclamate in low calorie soft drinks and sweeteners. *Analyst, The*, **1995**, 120, 2009-2012	5	16
150	Microwave-assisted sample preparation of medicines for determination of elemental impurities in compliance with United States Pharmacopeia: How simple can it be?. *Analytica Chimica Acta*, **2019**, 1065, 1-11	6.6	15
149	Investigation of arsenic species stability by HPLC-ICP-MS in plants stored under different conditions for 12months. *Microchemical Journal*, **2014**, 117, 122-126	4.8	15
148	Biomonitoring of lead in Antarctic lichens using laser ablation inductively coupled plasma mass spectrometry. *Journal of Analytical Atomic Spectrometry*, **2011**, 26, 2238	3.7	15
147	Overcoming the schlieren effect in flow injection spectrophotometry by introduction of large sample volumes: determination of chloride in the electrolyte of lead-acid batteries. *Journal of the Brazilian Chemical Society*, **1997**, 8, 625-629	1.5	15
146	Determination of vanadium in human hair slurries by electrothermal atomic absorption spectrometry. *Talanta*, **2007**, 71, 1118-23	6.2	15
145	Silver as internal standard for simultaneous determination of Cd and Pb in whole blood by electrothermal atomic absorption spectrometry. *Journal of Analytical Atomic Spectrometry*, **2004**, 19, 917-922	3.7	15
144	Analysis of cement slurries by inductively coupled plasma optical emission spectrometry with axial viewing. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2002**, 57, 29-33	3.1	15
143	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, 536-40		15
142	Inductively coupled plasma mass spectrometry and standard dilution analysis applied to concentrated acids. *Talanta*, **2016**, 161, 826-829	6.2	15

141	Evaluation of dilute-and-shoot procedure for determination of inorganic impurities in liquid pharmaceutical samples by ICP OES. *Microchemical Journal*, **2019**, 146, 948-956	4.8	14
140	Bismuth as a general internal standard for lead in atomic absorption spectrometry. *Analytica Chimica Acta*, **2014**, 831, 24-30	6.6	14
139	Evaluation of Sample Preparation Procedures for Trace Element Determination in Brazilian Propolis by Inductively Coupled Plasma Optical Emission Spectrometry and Their Discrimination According to Geographic Region. *Food Analytical Methods*, **2013**, 6, 872-880	3.4	14
138	Focused-microwave-assisted acid digestion: Evaluation of losses of volatile elements in marine invertebrate samples. *Journal of Food Composition and Analysis*, **2009**, 22, 238-241	4.1	14
137	Single vessel procedure for acid vapor partial digestion of bovine liver in a focused microwave: multielement determination by ICP-OES. *Talanta*, **2003**, 61, 81-6	6.2	14
136	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	3.1	14
135	Determination of cadmium and lead in mussels by tungsten coil electrothermal atomic absorption spectrometry. *Talanta*, **1999**, 50, 967-75	6.2	14
134	Interference standard and oxide ion detection as strategies to determine phosphorus and sulfur in fuel samples by inductively coupled plasma quadrupole mass spectrometry. *Journal of Analytical Atomic Spectrometry*, **2012**, 27, 1274	3.7	13
133	Interference standard applied to sulfur determination in biodiesel microemulsions by ICP-QMS. *Journal of the Brazilian Chemical Society*, **2012**, 23, 797-803	1.5	13
132	Evaluation of selenium behavior in thermospray flame furnace atomic absorption spectrometry. *Talanta*, **2007**, 73, 845-9	6.2	13
131	Use of the internal standardization for difficult sampling by graphite furnace atomic absorption spectrometry. *Talanta*, **2004**, 64, 334-7	6.2	13
130	Influence of Na, K, Ca and Mg on lead atomization by tungsten coil atomic absorption spectrometry. *Journal of the Brazilian Chemical Society*, **2000**, 11, 136-142	1.5	13
129	Dilute-and-Shoot Procedure for Determination of As, Cr, P, Pb, Si, and V in Ethanol Fuel by Inductively Coupled Plasma Tandem Mass Spectrometry. *Energy & Fuels*, **2015**, 29, 4339-4344	4.1	12
128	Vortex-assisted dispersive liquidâliquid microextraction for the determination of molybdenum in plants by inductively coupled plasma optical emission spectrometry. *Analytical Methods*, **2016**, 8, 810-815	3.2	12
127	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	3.7	12
126	Correction of matrix effects for As and Se in ICP OES using a Flow Blurring multiple nebulizer. *Journal of Analytical Atomic Spectrometry*, **2012**, 27, 2132	3.7	12
125	Determination of Silicon in Lubricant Oil by High-Resolution Continuum Source Flame Atomic Absorption Spectrometry Using Least-Square Background Correction and Internal Standardization. *Analytical Letters*, **2011**, 44, 2150-2161	2.2	12
124	Uso de scanner em espectrofotometria de absorção molecular: aplicação em experimento didático enfocando a determinação de ácido ascórbico. *Quimica Nova*, **2008**, 31, 1577-1581	1.6	12

123	Evaluation of inductively coupled plasma optical emission spectrometers with axial configuration: interfaces with end-on gas and shear gas. *Microchemical Journal*, **2004**, 77, 185-190	4.8	12
122	Avaliacõ de programas de aquecimento para espectrometria de absorõ atõmica com atomizacõ eletrotõmica em filamento de tungstõnio. *Quimica Nova*, **2000**, 23, 706-708	1.6	12
121	Fast and simple flow-batch extraction procedure for screening of macro and micronutrients in dried plant leaves by ICP OES. *Microchemical Journal*, **2017**, 134, 27-34	4.8	11
120	High pressure microwave-assisted flow digestion system using a large volume reactor-feasibility for further analysis by inductively coupled plasma-based techniques. *Journal of Analytical Atomic Spectrometry*, **2015**, 30, 1898-1905	3.7	11
119	Determination of Arsenic in Fruit Juices Using Inductively Coupled Plasma Tandem Mass Spectrometry (ICP-MS/MS). *Food Analytical Methods*, **2017**, 10, 992-998	3.4	11
118	Axial view inductively coupled plasma optical emission spectrometry for monitoring tin concentration in canned tomato sauce samples. *Food Chemistry*, **2012**, 131, 348-352	8.5	11
117	Multi-Wavelength Determination of Cobalt by Tungsten Coil Atomic Emission Spectrometry. *Analytical Letters*, **2010**, 43, 1723-1733	2.2	11
116	Direct analysis of clay and refractory materials slurries by inductively coupled plasma optical emission spectrometry with axial viewing using the simplified generalized standard additions method. *Journal of Analytical Atomic Spectrometry*, **2007**, 22, 93-96	3.7	11
115	Analytical performance of an inductively coupled plasma optical emission spectrometry with Dual View configuration. *Journal of the Brazilian Chemical Society*, **2003**, 14, 310-315	1.5	11
114	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	3.7	11
113	Determination of Cobalt in Animal Feces by Tungsten Coil Atomic Absorption Spectrophotometry.. *Analytical Sciences*, **1999**, 15, 165-171	1.7	11
112	Complexing power of alkanesulfonate ions: the lead-methanesulfonate system. *Journal of Applied Electrochemistry*, **1995**, 25, 408	2.6	11
111	Determination of As, Cd, Hg and Pb in continuous use drugs and excipients by plasma-based techniques in compliance with the United States Pharmacopeia requirements. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2017**, 138, 14-17	3.1	10
110	Effects of multiwalled carbon nanotubes co-exposure with cadmium on zebrafish cell line: Metal uptake and accumulation, oxidative stress, genotoxicity and cell cycle. *Ecotoxicology and Environmental Safety*, **2020**, 202, 110892	7	10
109	Compensation of inorganic acid interferences in ICP-OES and ICP-MS using a Flow Blurring multinebulizer. *Journal of Analytical Atomic Spectrometry*, **2014**, 29, 1218-1227	3.7	10
108	Indirect determination of iodide by tungsten coil atomic emission spectrometry. *Microchemical Journal*, **2009**, 93, 242-246	4.8	10
107	Ionic Strength Effect on the Rate of Reduction of Hexacyanoferrate(III) by Ascorbic Acid: A Flow Injection Kinetic Experiment. *Journal of Chemical Education*, **1997**, 74, 560	2.4	10
106	Polaronic ferromagnetism in conducting polymers. *Journal of Magnetism and Magnetic Materials*, **2001**, 226-230, 2023-2025	2.8	10

105	Determinação de arsênio em amostras da cadeia produtiva de frangos de corte por espectrometria de absorção atômica com forno de grafite. *Quimica Nova*, **2011**, 34, 49-52	1.6	9
104	High-Throughput Microwave-Assisted Digestion and Extraction Procedures for Agricultural Materials. *Communications in Soil Science and Plant Analysis*, **2007**, 38, 2333-2345	1.5	9
103	On-line pre-concentration of Cr(III) and Mn(II) in FI-FAAS: A critical study involving interference effects and analytical use of an immobilized 8-hydroxyquinoline minicolumn. *Analytical and Bioanalytical Chemistry*, **2002**, 374, 131-40	4.4	9
102	Analytical characteristics of a continuum-source tungsten coil atomic absorption spectrometer. *Analytical Sciences*, **2005**, 21, 1009-13	1.7	9
101	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	3.1	9
100	Infra-red heating as an alternative technique for fast sample preparation. *Journal of the Brazilian Chemical Society*, **2000**, 11, 261-265	1.5	9
99	A critical evaluation of the graphite furnace conditions for the direct determination of chromium in urine. *Fresenius Journal of Analytical Chemistry*, **1999**, 364, 333-337		9
98	Digestão de óleo lubrificante encapsulado em forno de microondas com radiação focalizada por adição de amostra ao reagente préaquecido. *Quimica Nova*, **2006**, 29,	1.6	9
97	Ruthenium(II) Phosphine/Mercapto Complexes: Their in Vitro Cytotoxicity Evaluation and Actions as Inhibitors of Topoisomerase and Proteasome Acting as Possible Triggers of Cell Death Induction. *Inorganic Chemistry*, **2020**, 59, 15004-15018	5.1	9
96	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	3.7	9
95	Calculating limits of detection and defining working ranges for multi-signal calibration methods. *Journal of Analytical Atomic Spectrometry*, **2020**, 35, 1614-1620	3.7	8
94	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	2.2	8
93	Strategies to improve accuracy and sensitivity in phosphorus determinations by inductively coupled plasma quadrupole mass spectrometry. *Journal of the Brazilian Chemical Society*, **2012**, 23, 786-791	1.5	8
92	Termogravimetria: um novo enfoque para a clássica determinação de cálcio em cascas de ovos. *Quimica Nova*, **2009**, 32, 1661-1666	1.6	8
91	Assessment of Polyatomic Interferences Elimination Using a Collision Reaction Interface (CRI) for Inorganic Analysis of Fuel Ethanol by ICP-QMS. *Analytical Letters*, **2012**, 45, 1111-1121	2.2	8
90	A fast microwave-assisted, acid-vapor, steam-cleaning procedure for autosampler cups. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **1998**, 53, 769-771	3.1	8
89	Microwave Single Vessel Acid-Vapor Extraction: Effect of Experimental Parameters on Co and Fe Determination in Biological Samples. *Mikrochimica Acta*, **2004**, 144, 81-85	5.8	8
88	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	3.1	8

87	Anlise exploratria dos teores de constituintes inorgnicos em sucos e refrigerantes de uva. *Ecletica Quimica*, **2002**, 27, 77-90	2.6	8
86	Greening microwave-assisted acid digestion of animal feed samples. *Analytical Methods*, **2019**, 11, 5857-5863	3.8	8
85	The interference standard method: evidence of principle, potentialities and limitations. *Journal of Analytical Atomic Spectrometry*, **2014**, 29, 1258-1264	3.7	7
84	Chemical modification in atomic emission: Determination of V in lubricant oils by tungsten coil atomic emission spectrometry. *Microchemical Journal*, **2014**, 115, 58-62	4.8	7
83	Interferences in Thermospray Flame Furnace AAS: Co and Mn Behavior. *Spectroscopy Letters*, **2008**, 41, 354-360	1.1	7
82	Padronizao interna em espectrometria de absoro atmica. *Quimica Nova*, **2003**, 26, 249-252	1.6	7
81	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	1.5	7
80	Study of chemical modifiers for the determination of chromium in biological materials by tungsten coil electrothermal atomic absorption spectrometry. *Freseniusn Journal of Analytical Chemistry*, **1999**, 364, 273-278		7
79	Determinao e distribuio de cido ascrbico em trs frutos tropicais. *Ecletica Quimica*, **2002**, 27, 393-401	2.6	7
78	A Flow Injection Spectrophotometric Determination of Ammonium in Natural Water. *Journal of the Brazilian Chemical Society*, **1995**, 6, 327-330	1.5	7
77	Investigation of analyte losses using microwave-assisted sample digestion and closed vessels with venting. *Talanta*, **2016**, 160, 354-359	6.2	7
76	Determination of ultra-trace levels of Mo in plants by inductively coupled plasma tandem mass spectrometry (ICP-MS/MS). *Microchemical Journal*, **2017**, 133, 567-571	4.8	6
75	Elemental impurities analysis in name-brand and generic omeprazole drug samples. *Heliyon*, **2020**, 6, e03359	3.6	6
74	Evaluation of Mg and Mn determination in water and plants using continuum source tungsten coil atomic fluorescence spectrometry. *Microchemical Journal*, **2014**, 117, 250-254	4.8	6
73	Enzymatic proteolysis and in situ digestion as strategies to determine Cs and Sr in fish by tungsten coil atomic emission spectrometry. *Journal of Analytical Atomic Spectrometry*, **2012**, 27, 2082	3.7	6
72	In situ digestion for the determination of Ca in beverages by tungsten coil atomic emission spectrometry. *Talanta*, **2012**, 97, 285-90	6.2	6
71	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, 3920-3	5.7	6
70	Development of hardware and software for on-line sample preparation using sequential-injection analysis. *Laboratory Robotics and Automation*, **2000**, 12, 246-252		6

69	Focused-microwave-assisted reaction in flow injection spectrophotometry: a new liquid-vapor separation chamber for determination of reducing sugars in wine. *Talanta*, **2001**, 55, 677-84	6.2	6
68	Direct determination of chromium in gelatine by graphite furnace atomic absorption spectrophotometry. *Food Chemistry*, **1999**, 64, 429-433	8.5	6
67	Avaliação de ICP OES com configuração axial ou radial para determinação de iodo em sal de cozinha. *Quimica Nova*, **2012**, 35, 1299-1305	1.6	6
66	Physiological responses of Chlorella sorokiniana to copper nanoparticles. *Environmental Toxicology and Chemistry*, **2019**, 38, 387-395	3.8	6
65	Dispersive liquid-liquid microextraction based on deep eutectic solvent for elemental impurities determination in oral and parenteral drugs by inductively coupled plasma optical emission spectrometry. *Analytica Chimica Acta*, **2021**, 1185, 339052	6.6	6
64	Calibration strategies to correct for matrix effects in direct analysis of urine by ICP OES: internal standardization and multi-energy calibration. *Analytical Methods*, **2019**, 11, 3401-3409	3.2	5
63	Direct analysis of deodorants for determination of metals by inductively coupled plasma optical emission spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 155, 247-252	3.5	5
62	Characterization of Synchronous Vertical Dual View Inductively Coupled Plasma Optical Emission Spectrometer with Application for Water Analysis. *Analytical Letters*, **2016**, 49, 2092-2098	2.2	5
61	Evaluation of atomizer conditioning and pyrolysis and atomization temperature control to improve procedures based on tungsten coil atomic emission spectrometry. *Microchemical Journal*, **2013**, 110, 758-763	4.8	5
60	Cobalt as chemical modifier to improve chromium sensitivity and minimize matrix effects in tungsten coil atomic emission spectrometry. *Analytica Chimica Acta*, **2013**, 780, 7-12	6.6	5
59	Performance evaluation of a high-pressure microwave-assisted flow digestion system for juice and milk sample preparation. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 4449-4458	4.4	5
58	Focused-microwave-induced combustion: investigation of KClO3 thermal decomposition as O2 source. *Analytical Methods*, **2011**, 3, 1688	3.2	5
57	Old and New Flavors of Flame (Furnace) Atomic Absorption Spectrometry. *International Journal of Spectroscopy*, **2011**, 2011, 1-30		5
56	Evaluation of metabisulfite and a commercial steel wool for removing chromium(VI) from wastewater. *Environmental Chemistry Letters*, **2010**, 8, 73-77	13.3	5
55	Flow injection spectrophotometric determination of nitrate in electrolyte of lead-acid batteries. *Talanta*, **1997**, 45, 265-71	6.2	5
54	Improvement of sensitivity in flow analysis by exploiting a multi-reversed software-assisted system. *Talanta*, **2007**, 73, 400-3	6.2	5
53	Experimentos didáticos envolvendo radiação microondas. *Quimica Nova*, **2004**, 27, 1012-1015	1.6	5
52	Effects of Solution Physical Properties on Copper and Chromium Signals in Flame Atomic Absorption Spectrometry. *Journal of Chemical Education*, **1996**, 73, 982	2.4	5

51	Especiação de cromo em cimentos e derivados de cimento brasileiros. *Quimica Nova*, **2009**, 32, 2094-2097	1.6	5
50	Discriminação geográfica de águas minerais do Estado de São Paulo através da análise exploratória. *Ecletica Quimica*, **2002**, 27, 91-102	2.6	5
49	Analytical performance of an inductively coupled plasma optical emission spectrometry with dual view configuration. *Journal of the Brazilian Chemical Society*, **2003**, 14, 666-666	1.5	5
48	Evaluation of a continuum source tungsten coil atomic absorption spectrometer: a study of Zn behavior. *Journal of the Brazilian Chemical Society*, **2005**, 16, 639-642	1.5	5
47	Microwave induced plasma optical emission spectrometry for multielement determination in instant soups. *Journal of Food Composition and Analysis*, **2020**, 86, 103376	4.1	5
46	Space charge effects and internal standardization in a four ion lenses interface: What is changing in quadrupole inductively coupled plasma mass spectrometry?. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2020**, 167, 105825	3.1	4
45	Magnesium nitrate as a chemical modifier to improve sensitivity in manganese determination in plant materials by tungsten coil atomic emission spectrometry. *Journal of Analytical Atomic Spectrometry*, **2014**, 29, 1499-1503	3.7	4
44	Investigation of the effect of addition of calcium stearate on the properties of low-density polyethylene/poly(ε-caprolactone) blends. *Journal of Materials Science*, **2014**, 49, 1544-1555	4.3	4
43	Determination of Ytterbium in Digesta and Animal Faeces byElectrothermal Atomic Absorption Spectrometry. *Journal of Analytical Atomic Spectrometry*, **1997**, 12, 475-478	3.7	4
42	Direct determination of iron in sand using solid sampling graphite furnace atomic absorption spectrometry. *Mikrochimica Acta*, **2008**, 161, 109-114	5.8	4
41	Experimentos simples usando fotometria de chama para ensino de princípios de espectrometria atômica em cursos de química analítica. *Quimica Nova*, **2004**, 27, 832-836	1.6	4
40	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	1.5	4
39	Thermogravimetric investigations on the mechanism of decomposition of Pb compounds on a tungsten surface. *Thermochimica Acta*, **2000**, 362, 161-168	2.9	4
38	Reaction kinetics in a flow-injection spectrophotometric experiment: A laboratory exercise. *Journal of Chemical Education*, **1991**, 68, 966	2.4	4
37	Determinação direta de crômio em açúcar e leite por espectrometria de absorção atômica com atomização eletrotérmica em forno de grafite. *Quimica Nova*, **2000**, 23, 185-190	1.6	4
36	Análise de suspensões de argilas por espectrometria de emissão óptica com plasma induzido com configuração axial. *Quimica Nova*, **2002**, 25, 1194-1196	1.6	4
35	Dispersive liquid-liquid microextraction of Cd, Hg and Pb from medicines prior to ICP OES determination according to the United States Pharmacopeia. *Analytical Methods*, **2021**, 13, 5670-5678	3.2	4
34	Development of an Alkaline Method for the Determination of Cu, Mo, and Zn in Beef Samples. *Food Analytical Methods*, **2021**, 14, 156-164	3.4	4

33	Qualitative and Quantitative Chemical Investigation of Orthopedic Alloys by Combining Wet Digestion, Spectroanalytical Methods and Direct Solid Analysis. *Journal of the Brazilian Chemical Society*, **2017**,	1.5	3
32	Flow-based solid sample preparation: Advantages, limitations, and challenges. *TrAC - Trends in Analytical Chemistry*, **2019**, 118, 677-685	14.6	3
31	Elemental Analysis of Phytotherapeutic Products by Inductively Coupled Plasmaâ□tandem Mass Spectrometry. *Analytical Letters*, **2017**, 50, 842-852	2.2	3
30	Multi-element determination in acid-digested soy protein formulations by inductively coupled plasma-optical emission spectrometry. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2008**, 25, 616-21	3.2	3
29	Sampling and Sample Homogeneity as Introductory Topics in Analytical Chemistry Undergraduate Courses. *Spectroscopy Letters*, **2008**, 41, 251-257	1.1	3
28	Multivariate classification of cigarettes according to their elemental content determined by inductively coupled plasma optical emission spectrometry. *Analytical Sciences*, **2007**, 23, 435-8	1.7	3
27	Flow Injection Analysis in the Undergraduate Laboratory. *The Chemical Educator*, **1999**, 4, 179-182		3
26	An overview of sample preparation procedures for determination of elemental impurities in medicines. *Microchemical Journal*, **2022**, 175, 107189	4.8	3
25	Especiaõ redox de cromo em solo acidentalmente contaminado com soluõ sulfocrmica. *Quimica Nova*, **2008**, 31, 1450-1454	1.6	3
24	âHalf-SandwichâRuII Anticancer Complexes Containing Triphenylphosphine and p-Substituted Benzoic Acids. *Journal of the Brazilian Chemical Society*,	1.5	3
23	Flow Injection Amperometric Determination of Acid-Available Cyanide: A Study of Sulfide and Thiocyanate Interferences. *Journal of the Brazilian Chemical Society*, **1994**, 5, 91-95	1.5	3
22	Application of a Flow-Batch Extraction System for On-Line Determination of Minerals in Animal Foods by Inductively Coupled Plasma Optical Emission Spectrometry. *Food Analytical Methods*, **2018**, 11, 1243-1249	3.4	3
21	Study of macro and microelements in fish from the Cienfuegos Bay. Relationship with its content in sediments. *Environmental Monitoring and Assessment*, **2017**, 189, 427	3.1	2
20	Diluted Acids in Microwave-Assisted Wet Digestion **2014**, 179-204		2
19	Microwave-Assisted Sample Preparation for Spectrochemistry **2011**,		2
18	Evaluation of a rapid semi-quantitative analysis approach using inductively coupled plasma optical emission spectrometry with axial viewing. *Microchemical Journal*, **2007**, 86, 60-64	4.8	2
17	Automation in flow-injection analysis: Simultaneous determination of chloride and total iron. *Laboratory Robotics and Automation*, **1999**, 11, 260-265		2
16	DETERMINATION OF Cd IN MUSSELS AND NON-FAT MILK POWDER BY FLOW INJECTION - FLAME ATOMIC ABSORPTION SPECTROPHOTOMETRY (FI-FAAS) WITH ON-LINE EXTRACTION BY A CHELATING RESIN. *Journal of the Chilean Chemical Society*, **2002**, 47,		2

15	Honoring our heritage and moving ahead. *Journal of the Brazilian Chemical Society*, **2013**, 24, 1-2	1.5	2
14	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**,	1.5	2
13	Evaluation of recycle and reuse of nitric acid from sample digests by sub-boiling distillation. *Microchemical Journal*, **2020**, 157, 105080	4.8	1
12	Evaluation of Tungsten Coil Atomic Emission Spectrometry for the Direct Determination of Al in Tea Infusions and Iced Tea. *Food Analytical Methods*, **2016**, 9, 624-629	3.4	1
11	Sequential determinations by confluent reagent introduction in the sample loop: system characteristics and applications. *Analytica Chimica Acta*, **1998**, 366, 281-285	6.6	1
10	Modern Strategies for Environmental Sample Preparation and Analysis **2004**, 37-68		1
9	Mathematical equation correction to spectral and transport interferences in high-resolution continuum source flame atomic absorption spectrometry: determination of lead in phosphoric acid. *Ecletica Quimica*, **2010**, 35, 19-24	2.6	1
8	Evaluation of Mineral Profile and Dietary Reference Intake from Collagen by ICP-Based Techniques. *Food Analytical Methods*, **2021**, 14, 1860-1874	3.4	1
7	Determination of Cd, Pb and Se in beef samples using aerosol dilution by ICP-MS. *Journal of Food Measurement and Characterization*, **2021**, 15, 4105-4111	2.8	0
6	Perspective: What constitutes a quality paper in atomic spectrometry. *Talanta Open*, **2021**, 3, 100045	5.6	0
5	Comparative Analysis of the Distribution of Copper in Green and Brown Brazilian Propolis Extracts. *Chromatographia*, **2018**, 81, 623-629	2.1	
4	A Glimpse of Recent Developments in Brazilian Analytical Chemistry. *Analytical Letters*, **2008**, 41, 1494-1546	1.6	
3	Extra□ de micronutrientes em solo com solu□ de DTPA em forno de microondas com radia□ focalizada. *Revista Brasileira De Ciencia Do Solo*, **2002**, 26, 789-794	1.5	
2	An□lise qu□mica inorg□nica de leite esimula□ do reagente CFA-C. *Ecletica Quimica*, **2002**, 27, 61-76	2.6	
1	Evaluation of Partial Digestion as a Strategy for Elemental Analysis of Inorganic Samples by Inductively Coupled Plasma□Optical Emission Spectrometry (ICP OES)□A Proof of Concept Study. *Analytical Letters*,1-11	2.2	