

Joaquim A Nobrega

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1981007/joaquim-a-nobrega-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	An overview of sample preparation procedures for determination of elemental impurities in medicines. <i>Microchemical Journal</i> , 2022 , 175, 107189	4.8	3
283	Dispersive liquid-liquid microextraction of Cd, Hg and Pb from medicines prior to ICP OES determination according to the United States Pharmacopeia. <i>Analytical Methods</i> , 2021 , 13, 5670-5678	3.2	4
282	Evaluation of Mineral Profile and Dietary Reference Intake from Collagen by ICP-Based Techniques. <i>Food Analytical Methods</i> , 2021 , 14, 1860-1874	3.4	1
281	Determination of Cd, Pb and Se in beef samples using aerosol dilution by ICP-MS. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 4105-4111	2.8	0
280	Development of an Alkaline Method for the Determination of Cu, Mo, and Zn in Beef Samples. <i>Food Analytical Methods</i> , 2021 , 14, 156-164	3.4	4
279	Perspective: What constitutes a quality paper in atomic spectrometry. <i>Talanta Open</i> , 2021 , 3, 100045	5.6	0
278	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. <i>Analytica Chimica Acta</i> , 2021 , 1185, 339052	6.6	6
277	Evaluation of recycle and reuse of nitric acid from sample digests by sub-boiling distillation. <i>Microchemical Journal</i> , 2020 , 157, 105080	4.8	1
276	Calculating limits of detection and defining working ranges for multi-signal calibration methods. <i>Journal of Analytical Atomic Spectrometry</i> , 2020 , 35, 1614-1620	3.7	8
275	Effects of multiwalled carbon nanotubes co-exposure with cadmium on zebrafish cell line: Metal uptake and accumulation, oxidative stress, genotoxicity and cell cycle. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 202, 110892	7	10
274	Elemental impurities analysis in name-brand and generic omeprazole drug samples. <i>Heliyon</i> , 2020 , 6, e03359	3.6	6
273	Space charge effects and internal standardization in a four ion lenses interface: What is changing in quadrupole inductively coupled plasma mass spectrometry?. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020 , 167, 105825	3.1	4
272	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. <i>Inorganic Chemistry</i> , 2020 , 59, 15004-15018	5.1	9
271	Microwave induced plasma optical emission spectrometry for multielement determination in instant soups. <i>Journal of Food Composition and Analysis</i> , 2020 , 86, 103376	4.1	5
270	Calibration strategies to correct for matrix effects in direct analysis of urine by ICP OES: internal standardization and multi-energy calibration. <i>Analytical Methods</i> , 2019 , 11, 3401-3409	3.2	5
269	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 471-478	3.5	25
268	Recent developments in microwave-induced plasma optical emission spectrometry and applications of a commercial Hammer-cavity instrument. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 116, 151-157	14.6	25

267	Microwave-assisted sample preparation of medicines for determination of elemental impurities in compliance with United States Pharmacopeia: How simple can it be?. <i>Analytica Chimica Acta</i> , 2019 , 1065, 1-11	6.6	15
266	Calibration strategies to overcome matrix effects in laser-induced breakdown spectroscopy: Direct calcium and phosphorus determination in solid mineral supplements. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019 , 155, 90-98	3.1	18
265	Evaluation of dilute-and-shoot procedure for determination of inorganic impurities in liquid pharmaceutical samples by ICP OES. <i>Microchemical Journal</i> , 2019 , 146, 948-956	4.8	14
264	Flow-based solid sample preparation: Advantages, limitations, and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 677-685	14.6	3
263	Greening microwave-assisted acid digestion of animal feed samples. <i>Analytical Methods</i> , 2019 , 11, 5857-5863	5.8	8
262	Physiological responses of <i>Chlorella sorokiniana</i> to copper nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 387-395	3.8	6
261	Direct analysis of deodorants for determination of metals by inductively coupled plasma optical emission spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 155, 247-252	3.5	5
260	Comparative Analysis of the Distribution of Copper in Green and Brown Brazilian Propolis Extracts. <i>Chromatographia</i> , 2018 , 81, 623-629	2.1	
259	Aerosol dilution as a simple strategy for analysis of complex samples by ICP-MS. <i>Talanta</i> , 2018 , 178, 805-810	6.1	21
258	Multi-isotope calibration for inductively coupled plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 1157-1162	4.4	21
257	Application of a Flow-Batch Extraction System for On-Line Determination of Minerals in Animal Foods by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Food Analytical Methods</i> , 2018 , 11, 1243-1249	3.4	3
256	Traditional Calibration Methods in Atomic Spectrometry and New Calibration Strategies for Inductively Coupled Plasma Mass Spectrometry. <i>Frontiers in Chemistry</i> , 2018 , 6, 504	5	50
255	Fast and simple flow-batch extraction procedure for screening of macro and micronutrients in dried plant leaves by ICP OES. <i>Microchemical Journal</i> , 2017 , 134, 27-34	4.8	11
254	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	5.7	18
253	Microwave-assisted digestion methods: towards greener approaches for plasma-based analytical techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 1448-1466	3.7	65
252	Determination of ultra-trace levels of Mo in plants by inductively coupled plasma tandem mass spectrometry (ICP-MS/MS). <i>Microchemical Journal</i> , 2017 , 133, 567-571	4.8	6
251	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017 , 138, 14-17	3.1	10
250	Qualitative and Quantitative Chemical Investigation of Orthopedic Alloys by Combining Wet Digestion, Spectroanalytical Methods and Direct Solid Analysis. <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	3

249	Multi-energy calibration applied to atomic spectrometry. <i>Analytica Chimica Acta</i> , 2017 , 982, 31-36	6.6	46
248	Study of macro and microelements in fish from the Cienfuegos Bay. Relationship with its content in sediments. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 427	3.1	2
247	Performance evaluation of a high-pressure microwave-assisted flow digestion system for juice and milk sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 4449-4458	4.4	5
246	Determination of Arsenic in Fruit Juices Using Inductively Coupled Plasma Tandem Mass Spectrometry (ICP-MS/MS). <i>Food Analytical Methods</i> , 2017 , 10, 992-998	3.4	11
245	Elemental Analysis of Phytotherapeutic Products by Inductively Coupled Plasma Tandem Mass Spectrometry. <i>Analytical Letters</i> , 2017 , 50, 842-852	2.2	3
244	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	4.8	29
243	Reactivity and analytical performance of oxygen as cell gas in inductively coupled plasma tandem mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016 , 126, 31-36	3.1	20
242	Tungsten coil atomic emission spectrometry combined with dispersive liquid-liquid microextraction: A synergistic association for chromium determination in water samples. <i>Talanta</i> , 2016 , 148, 602-8	6.2	23
241	Vortex-assisted dispersive liquid-liquid microextraction for the determination of molybdenum in plants by inductively coupled plasma optical emission spectrometry. <i>Analytical Methods</i> , 2016 , 8, 810-815	3.2	12
240	Evaluation of Tungsten Coil Atomic Emission Spectrometry for the Direct Determination of Al in Tea Infusions and Iced Tea. <i>Food Analytical Methods</i> , 2016 , 9, 624-629	3.4	1
239	Characterization of Synchronous Vertical Dual View Inductively Coupled Plasma Optical Emission Spectrometer with Application for Water Analysis. <i>Analytical Letters</i> , 2016 , 49, 2092-2098	2.2	5
238	Microwave-assisted digestion using diluted acid and base solutions for plant analysis by ICP OES. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 337-343	3.7	18
237	Evaluation of Inductively Coupled Plasma Tandem Mass Spectrometry for Determination of As in Agricultural Inputs with High REE Contents. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	2
236	Evaluation of standard dilution analysis (SDA) of beverages and foodstuffs by ICP OES. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1216-1222	3.7	21
235	Critical evaluation of internal standardization in ICP tandem mass spectrometry and feasibility of the oxygen reaction for boron determination in plants. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1179-1184	3.7	9
234	Inductively coupled plasma mass spectrometry and standard dilution analysis applied to concentrated acids. <i>Talanta</i> , 2016 , 161, 826-829	6.2	15
233	Investigation of analyte losses using microwave-assisted sample digestion and closed vessels with venting. <i>Talanta</i> , 2016 , 160, 354-359	6.2	7
232	Tandem mass spectrometry (ICP-MS/MS) for overcoming molybdenum oxide interferences on Cd determination in milk. <i>Microchemical Journal</i> , 2015 , 120, 64-68	4.8	34

231	Dilute-and-Shoot Procedure for Determination of As, Cr, P, Pb, Si, and V in Ethanol Fuel by Inductively Coupled Plasma Tandem Mass Spectrometry. <i>Energy & Fuels</i> , 2015 , 29, 4339-4344	4.1	12
230	Determination of carbon in digested samples and amino acids by inductively coupled plasma tandem mass spectrometry. <i>Microchemical Journal</i> , 2015 , 122, 29-32	4.8	19
229	High pressure microwave-assisted flow digestion system using a large volume reactor-feasibility for further analysis by inductively coupled plasma-based techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1898-1905	3.7	11
228	Microwave-assisted diluted acid digestion for trace elements analysis of edible soybean products. <i>Food Chemistry</i> , 2015 , 175, 212-7	8.5	68
227	A novel strategy to determine As, Cr, Hg and V in drinking water by ICP-MS/MS. <i>Analytical Methods</i> , 2015 , 7, 1215-1220	3.2	24
226	Compensation of inorganic acid interferences in ICP-OES and ICP-MS using a Flow Blurring multiple nebulizer. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 1218-1227	3.7	10
225	Evaluation of a digestion procedure based on the use of diluted nitric acid solutions and H ₂ O ₂ for the multielement determination of whole milk powder and bovine liver by ICP-based techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 332-338	3.7	59
224	Magnesium nitrate as a chemical modifier to improve sensitivity in manganese determination in plant materials by tungsten coil atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 1499-1503	3.7	4
223	Determination of P, S and Si in biodiesel, diesel and lubricating oil using ICP-MS/MS. <i>Analytical Methods</i> , 2014 , 6, 4516-4520	3.2	39
222	The interference standard method: evidence of principle, potentialities and limitations. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 1258-1264	3.7	7
221	Investigation of arsenic species stability by HPLC-ICP-MS in plants stored under different conditions for 12 months. <i>Microchemical Journal</i> , 2014 , 117, 122-126	4.8	15
220	Evaluation of Mg and Mn determination in water and plants using continuum source tungsten coil atomic fluorescence spectrometry. <i>Microchemical Journal</i> , 2014 , 117, 250-254	4.8	6
219	Direct determination of sodium, potassium, chromium and vanadium in biodiesel fuel by tungsten coil atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 806, 85-90	6.6	20
218	Aerosol generation of As and Se hydrides using a new Flow Blurring multiple nebulizer for sample introduction in inductively coupled plasma optical emission spectrometry. <i>Microchemical Journal</i> , 2014 , 112, 82-86	4.8	16
217	Determination of trace sulfur in biodiesel and diesel standard reference materials by isotope dilution sector field inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 806, 91-6	6.6	21
216	Bismuth as a general internal standard for lead in atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 831, 24-30	6.6	14
215	Effect of simultaneous cooling on microwave-assisted wet digestion of biological samples with diluted nitric acid and O ₂ pressure. <i>Analytica Chimica Acta</i> , 2014 , 837, 16-22	6.6	35
214	Diluted Acids in Microwave-Assisted Wet Digestion 2014 , 179-204		2

213	Chemical modification in atomic emission: Determination of V in lubricant oils by tungsten coil atomic emission spectrometry. <i>Microchemical Journal</i> , 2014 , 115, 58-62	4.8	7
212	Investigation of the effect of addition of calcium stearate on the properties of low-density polyethylene/poly(ε-caprolactone) blends. <i>Journal of Materials Science</i> , 2014 , 49, 1544-1555	4.3	4
211	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	3.7	12
210	Analysis of waste electrical and electronic equipment (WEEE) using laser induced breakdown spectroscopy (LIBS) and multivariate analysis. <i>Talanta</i> , 2013 , 117, 419-24	6.2	29
209	Sample preparation for arsenic speciation in terrestrial plants--a review. <i>Talanta</i> , 2013 , 115, 291-9	6.2	42
208	Evaluation of lines of boron, phosphorus and sulfur by high-resolution continuum source flame atomic absorption spectrometry for plant analysis. <i>Microchemical Journal</i> , 2013 , 109, 134-138	4.8	24
207	Tungsten coil electrothermal matrix decomposition and sample vaporization to determine P and Si in biodiesel by inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 280-287	3.7	17
206	Evaluation of atomizer conditioning and pyrolysis and atomization temperature control to improve procedures based on tungsten coil atomic emission spectrometry. <i>Microchemical Journal</i> , 2013 , 110, 758-763	4.8	5
205	Cobalt as chemical modifier to improve chromium sensitivity and minimize matrix effects in tungsten coil atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2013 , 780, 7-12	6.6	5
204	Determination of Cr, Ni, Pb and V in gasoline and ethanol fuel by microwave plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 755	3.7	58
203	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. <i>Food Analytical Methods</i> , 2013 , 6, 872-880	3.4	14
202	Determination of molybdenum in plants by vortex-assisted emulsification solidified floating organic drop microextraction and flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013 , 86, 142-145	3.1	23
201	Greening sample preparation in inorganic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 45, 79-92	14.6	58
200	A simple dilute-and-shoot procedure for Si determination in diesel and biodiesel by microwave-induced plasma optical emission spectrometry. <i>Microchemical Journal</i> , 2013 , 106, 318-322	4.8	52
199	Honoring our heritage and moving ahead. <i>Journal of the Brazilian Chemical Society</i> , 2013 , 24, 1-2	1.5	2
198	Enzymatic proteolysis and in situ digestion as strategies to determine Cs and Sr in fish by tungsten coil atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 2082	3.7	6
197	Interference standard and oxide ion detection as strategies to determine phosphorus and sulfur in fuel samples by inductively coupled plasma quadrupole mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 1274	3.7	13
196	Focused microwave-induced combustion for digestion of botanical samples and metals determination by ICP OES and ICP-MS. <i>Talanta</i> , 2012 , 94, 308-14	6.2	35

195	In situ digestion for the determination of Ca in beverages by tungsten coil atomic emission spectrometry. <i>Talanta</i> , 2012 , 97, 285-90	6.2	6
194	Microwave-assisted digestion of organic samples: how simple can it become?. <i>Talanta</i> , 2012 , 98, 272-6	6.2	76
193	Determination of lead in medicinal plants by high-resolution continuum source graphite furnace atomic absorption spectrometry using direct solid sampling. <i>Talanta</i> , 2012 , 100, 21-6	6.2	30
192	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	2.2	8
191	Evaluation of solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry for direct determination of chromium in medicinal plants. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012 , 78, 58-61	3.1	23
190	Correction of matrix effects for As and Se in ICP OES using a Flow Blurring multiple nebulizer. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 2132	3.7	12
189	Interference standard applied to sulfur determination in biodiesel microemulsions by ICP-QMS. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 797-803	1.5	13
188	Strategies to improve accuracy and sensitivity in phosphorus determinations by inductively coupled plasma quadrupole mass spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2012 , 23, 786-791	1.5	8
187	Axial view inductively coupled plasma optical emission spectrometry for monitoring tin concentration in canned tomato sauce samples. <i>Food Chemistry</i> , 2012 , 131, 348-352	8.5	11
186	Determination of Ca, Mg, and Zn in biodiesel microemulsions by FAAS using discrete nebulization. <i>Fuel</i> , 2012 , 93, 167-171	7.1	28
185	Assessment of Polyatomic Interferences Elimination Using a Collision Reaction Interface (CRI) for Inorganic Analysis of Fuel Ethanol by ICP-QMS. <i>Analytical Letters</i> , 2012 , 45, 1111-1121	2.2	8
184	Avaliaço de ICP OES com configuraço axial ou radial para determinaço de iodo em sal de cozinha. <i>Quimica Nova</i> , 2012 , 35, 1299-1305	1.6	6
183	Microwave-Assisted Sample Preparation for Spectrochemistry 2011 ,		2
182	UV photochemical generation of volatile cadmium species. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 2519	3.7	46
181	Biomonitoring of lead in Antarctic lichens using laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 2238	3.7	15
180	Focused-microwave-induced combustion: investigation of KClO ₃ thermal decomposition as O ₂ source. <i>Analytical Methods</i> , 2011 , 3, 1688	3.2	5
179	Application of the interference standard method for the determination of sulfur, manganese and iron in foods by inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2011 , 706, 223-8	6.6	21
178	Evaluation of oxygen pressurized microwave-assisted digestion of botanical materials using diluted nitric acid. <i>Talanta</i> , 2011 , 83, 1324-8	6.2	53

177	Determination of sulfur in biodiesel microemulsions using the summation of the intensities of multiple emission lines. <i>Talanta</i> , 2011 , 84, 995-9	6.2	16
176	Performance evaluation of collision-reaction interface and internal standardization in quadrupole ICP-MS measurements. <i>Talanta</i> , 2011 , 86, 241-7	6.2	30
175	Interference standard: a new approach to minimizing spectral interferences in inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 1827	3.7	19
174	Determina de arsio em amostras da cadeia produtiva de frangos de corte por espectrometria de absor atica com forno de grafite. <i>Quimica Nova</i> , 2011 , 34, 49-52	1.6	9
173	Understanding the process of microwave-assisted digestion combining diluted nitric acid and oxygen as auxiliary reagent. <i>Microchemical Journal</i> , 2011 , 99, 193-196	4.8	62
172	Determination of total sulfur in agricultural samples by high-resolution continuum source flame molecular absorption spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2197-201	5.7	22
171	Improvement of microwave-assisted digestion of milk powder with diluted nitric acid using oxygen as auxiliary reagent. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011 , 66, 394-398	3.1	50
170	Exploiting Mn(III)/EDTA complex in a flow system with solenoid micro-pumps coupled to long pathlength spectrophotometry for fast manganese determination. <i>Microchemical Journal</i> , 2011 , 98, 109-114	4.8	17
169	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. <i>Journal of Hazardous Materials</i> , 2011 , 190, 833-9	12.8	28
168	Combination of cool plasma and collision-reaction interface for correction of polyatomic interferences on copper signals in inductively coupled plasma quadrupole mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011 , 66, 389-393	3.1	18
167	Determination of Silicon in Lubricant Oil by High-Resolution Continuum Source Flame Atomic Absorption Spectrometry Using Least-Square Background Correction and Internal Standardization. <i>Analytical Letters</i> , 2011 , 44, 2150-2161	2.2	12
166	Old and New Flavors of Flame (Furnace) Atomic Absorption Spectrometry. <i>International Journal of Spectroscopy</i> , 2011 , 2011, 1-30		5
165	Multi-Wavelength Determination of Cobalt by Tungsten Coil Atomic Emission Spectrometry. <i>Analytical Letters</i> , 2010 , 43, 1723-1733	2.2	11
164	REVIEW: Iodine Determination by Inductively Coupled Plasma Spectrometry. <i>Applied Spectroscopy Reviews</i> , 2010 , 45, 447-473	4.5	36
163	Focused microwave-induced combustion: a new technique for sample digestion. <i>Analytical Chemistry</i> , 2010 , 82, 2155-60	7.8	48
162	Determination of toxic elements in plastics from waste electrical and electronic equipment by slurry sampling electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2010 , 81, 1781-7	6.2	30
161	Microwave-assisted digestion in closed vessels: effect of pressurization with oxygen on digestion process with diluted nitric acid. <i>Analytical Methods</i> , 2010 , 2, 734	3.2	53
160	Behaviour of arsenic and selenium in an ICP-QMS with collision and reaction interface. <i>Journal of Analytical Atomic Spectrometry</i> , 2010 , 25, 1763	3.7	33

159	Evaluation of metabisulfite and a commercial steel wool for removing chromium(VI) from wastewater. <i>Environmental Chemistry Letters</i> , 2010 , 8, 73-77	13.3	5
158	Determination of macro- and micronutrients in plant leaves by high-resolution continuum source flame atomic absorption spectrometry combining instrumental and sample preparation strategies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010 , 65, 316-320	3.1	46
157	Direct analysis of biodiesel microemulsions using an inductively coupled plasma mass spectrometry. <i>Microchemical Journal</i> , 2010 , 96, 146-150	4.8	34
156	Mathematical equation correction to spectral and transport interferences in high-resolution continuum source flame atomic absorption spectrometry: determination of lead in phosphoric acid. <i>Eletica Quimica</i> , 2010 , 35, 19-24	2.6	1
155	Termogravimetria: um novo enfoque para a clássica determinação de cálcio em cascas de ovos. <i>Quimica Nova</i> , 2009 , 32, 1661-1666	1.6	8
154	Green Strategies in Trace Analysis: A Glimpse of Simple Alternatives for Sample Pretreatment and Analyte Determination. <i>Spectroscopy Letters</i> , 2009 , 42, 418-429	1.1	25
153	Focused-microwave-assisted acid digestion: Evaluation of losses of volatile elements in marine invertebrate samples. <i>Journal of Food Composition and Analysis</i> , 2009 , 22, 238-241	4.1	14
152	Indirect determination of iodide by tungsten coil atomic emission spectrometry. <i>Microchemical Journal</i> , 2009 , 93, 242-246	4.8	10
151	An overview of electrothermal excitation sources for atomic emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009 , 64, 191-198	3.1	17
150	Evaluation of the use of multiple lines for determination of metals in water by inductively coupled plasma optical emission spectrometry with axial viewing. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009 , 64, 544-548	3.1	25
149	A critical evaluation of digestion procedures for coffee samples using diluted nitric acid in closed vessels for inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , 2009 , 78, 1378-82	6.2	71
148	Microwave-assisted digestion procedures for biological samples with diluted nitric acid: identification of reaction products. <i>Talanta</i> , 2009 , 79, 396-401	6.2	66
147	Cloud point extraction to avoid interferences by structured background on determination in plant materials by FAAS. <i>Analytical Methods</i> , 2009 , 1, 68-70	3.2	21
146	Determination and fractionation of barium in Brazil nuts. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 760-769	1.5	22
145	Especiação de cromo em cimentos e derivados de cimento brasileiros. <i>Quimica Nova</i> , 2009 , 32, 2094-2097	1.6	5
144	Determination of Cd in urine by cloud point extraction-tungsten coil atomic absorption spectrometry. <i>Talanta</i> , 2008 , 76, 1252-5	6.2	31
143	Direct determination of Cd, Cu and Pb in wines and grape juices by thermospray flame furnace atomic absorption spectrometry. <i>Talanta</i> , 2008 , 76, 1113-8	6.2	33
142	Interferences in Thermospray Flame Furnace AAS: Co and Mn Behavior. <i>Spectroscopy Letters</i> , 2008 , 41, 354-360	1.1	7

141	Simultaneous determination of the Lanthanides by tungsten coil atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2008 , 23, 361-366	3.7	34
140	Multi-element determination in acid-digested soy protein formulations by inductively coupled plasma-optical emission spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008 , 25, 616-21	3.2	3
139	A Glimpse of Recent Developments in Brazilian Analytical Chemistry. <i>Analytical Letters</i> , 2008 , 41, 1494-1546		
138	Sampling and Sample Homogeneity as Introductory Topics in Analytical Chemistry Undergraduate Courses. <i>Spectroscopy Letters</i> , 2008 , 41, 251-257	1.1	3
137	Uso de scanner em espectrofotometria de absorç�o molecular: aplica�o em experimento did�tico enfocando a determina�o de �ido asc�bico. <i>Quimica Nova</i> , 2008 , 31, 1577-1581	1.6	12
136	Direct determination of iron in sand using solid sampling graphite furnace atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2008 , 161, 109-114	5.8	4
135	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008 , 63, 992-995	3.1	19
134	Especia� redox de cromo em solo acidentalmente contaminado com solu�o sulfocr�nica. <i>Quimica Nova</i> , 2008 , 31, 1450-1454	1.6	3
133	Inductively coupled plasma optical emission spectrometry with axially viewed configuration: an overview of applications. <i>Journal of the Brazilian Chemical Society</i> , 2007 , 18, 678-690	1.5	17
132	Simple and efficient elimination of copper(II) in sugar-cane spirits. <i>Food Chemistry</i> , 2007 , 101, 33-36	8.5	28
131	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	4.8	2
130	Determination of zinc and copper in human hair by slurry sampling employing sequential multi-element flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2007 , 87, 128-131	4.8	25
129	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	4.7	41
128	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2007 , 22, 93-96	3.7	11
127	Dilute-and-shoot procedure for the determination of mineral constituents in vinegar samples by axially viewed inductively coupled plasma optical emission spectrometry (ICP OES). <i>Food Additives and Contaminants</i> , 2007 , 24, 130-9		24
126	High-Throughput Microwave-Assisted Digestion and Extraction Procedures for Agricultural Materials. <i>Communications in Soil Science and Plant Analysis</i> , 2007 , 38, 2333-2345	1.5	9
125	Multivariate classification of cigarettes according to their elemental content determined by inductively coupled plasma optical emission spectrometry. <i>Analytical Sciences</i> , 2007 , 23, 435-8	1.7	3
124	Determination of vanadium in human hair slurries by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2007 , 71, 1118-23	6.2	15

123	Improvement of sensitivity in flow analysis by exploiting a multi-reversed software-assisted system. <i>Talanta</i> , 2007 , 73, 400-3	6.2	5
122	Evaluation of selenium behavior in thermospray flame furnace atomic absorption spectrometry. <i>Talanta</i> , 2007 , 73, 845-9	6.2	13
121	Slurry Nebulization in Plasmas for Analysis of Inorganic Materials. <i>Applied Spectroscopy Reviews</i> , 2006 , 41, 427-448	4.5	45
120	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	4.8	74
119	Tungsten coil atomic emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006 , 61, 225-229	3.1	37
118	Sample preparation in alkaline media. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006 , 61, 465-495	3.1	102
117	Digestão de óleo lubrificante encapsulado em forno de microondas com radiação focalizada por adição de amostra ao reagente preaquecido. <i>Quimica Nova</i> , 2006 , 29,	1.6	9
116	Complementary FPLC-ICP-MS and MALDI-TOF for studying vanadium association to human serum proteins. <i>Journal of Analytical Atomic Spectrometry</i> , 2005 , 20, 210-215	3.7	25
115	A new procedure for bovine milk digestion in a focused microwave oven: gradual sample addition to pre-heated acid. <i>Talanta</i> , 2005 , 65, 505-10	6.2	24
114	Flow injection spectrophotometric method for chloride determination in natural waters using Hg(SCN) ₂ immobilized in epoxy resin. <i>Talanta</i> , 2005 , 65, 965-70	6.2	29
113	Fraunhofer effect atomic absorption spectrometry. <i>Analytical Chemistry</i> , 2005 , 77, 1060-7	7.8	16
112	Analytical characteristics of a continuum-source tungsten coil atomic absorption spectrometer. <i>Analytical Sciences</i> , 2005 , 21, 1009-13	1.7	9
111	Equilibrium studies for the sorption of chromium and nickel from aqueous solutions using raw rice bran. <i>Process Biochemistry</i> , 2005 , 40, 3485-3490	4.8	190
110	Internal standardization in graphite furnace atomic absorption spectrometry: Comparative use of As and Ge to minimize matrix effects on Se determination in milk. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005 , 60, 681-686	3.1	8
109	Advances with tungsten coil atomizers: Continuum source atomic absorption and emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005 , 60, 589-598	3.1	37
108	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	3.1	59
107	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	3.1	14
106	Determination of selenium in nutritionally relevant foods by graphite furnace atomic absorption spectrometry using arsenic as internal standard. <i>Food Chemistry</i> , 2005 , 93, 355-360	8.5	30

105	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	3.1	70
104	Arsenic as internal standard to correct for interferences in the determination of antimony by hydride generation in situ trapping graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005 , 60, 759-763	3.1	9
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	1.5	4
102	Decomposi de amostras de solos assistida por radia microondas: estratgia para evitar a forma de fluoretos insolveis. <i>Revista Brasileira De Ciencia Do Solo</i> , 2005 , 29, 547-553	1.5	17
101	The use of water soluble tertiary amine reagent for solubilization and metal determination in fish muscle tissue. <i>Journal of the Brazilian Chemical Society</i> , 2005 , 16, 69-73	1.5	20
100	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	1.5	25
99	Evaluation of a continuum source tungsten coil atomic absorption spectrometer: a study of Zn behavior. <i>Journal of the Brazilian Chemical Society</i> , 2005 , 16, 639-642	1.5	5
98	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	1.5	7
97	Experimentos simples usando fotometria de chama para ensino de princpios de espectrometria atmica em cursos de qumica analtica. <i>Quimica Nova</i> , 2004 , 27, 832-836	1.6	4
96	Experimentos didticos envolvendo radia microondas. <i>Quimica Nova</i> , 2004 , 27, 1012-1015	1.6	5
95	Modern Strategies for Environmental Sample Preparation and Analysis 2004 , 37-68		1
94	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	5.8	8
93	Evaluation of inductively coupled plasma optical emission spectrometers with axial configuration: interfaces with end-on gas and shear gas. <i>Microchemical Journal</i> , 2004 , 77, 185-190	4.8	12
92	Use of modifiers with metal atomizers in electrothermal AAS: a short review. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004 , 59, 1337-1345	3.1	24
91	Silver as internal standard for simultaneous determination of Cd and Pb in whole blood by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2004 , 19, 917-922	3.7	15
90	Use of the internal standardization for difficult sampling by graphite furnace atomic absorption spectrometry. <i>Talanta</i> , 2004 , 64, 334-7	6.2	13
89	Direct determination of Cu and Zn in fruit juices and bovine milk by thermospray flame furnace atomic absorption spectrometry. <i>Talanta</i> , 2004 , 64, 912-7	6.2	56
88	Padroniza interna em espectrometria de absor atmica. <i>Quimica Nova</i> , 2003 , 26, 249-252	1.6	7

87	Analytical performance of an inductively coupled plasma optical emission spectrometry with Dual View configuration. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 310-315	1.5	11
86	Direct determination of iron and selenium in bovine milk by graphite furnace atomic absorption spectrometry. <i>Food Chemistry</i> , 2003 , 83, 457-462	8.5	55
85	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, 3920-3	5.7	6
84	The use of silica-immobilized brown alga (<i>Pilayella littoralis</i>) for metal preconcentration and determination by inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , 2003 , 60, 1131-40	6.2	39
83	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, 81-6	6.2	14
82	Analytical performance of an inductively coupled plasma optical emission spectrometry with dual view configuration. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 666-666	1.5	5
81	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	1.5	
80	Determination of Cd and Pb in food slurries by GFAAS using cryogenic grinding for sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 373, 183-9	4.4	56
79	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. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 374, 131-40	4.4	9
78	Electrothermal behavior of sodium, potassium, calcium and magnesium in a tungsten coil atomizer and review of interfering effects. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002 , 57, 49-61	3.1	17
77	Analysis of cement slurries by inductively coupled plasma optical emission spectrometry with axial viewing. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002 , 57, 29-33	3.1	15
76	Surface and gas phase temperatures of a tungsten coil atomizer. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002 , 57, 1789-1799	3.1	30
75	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	3.1	123
74	Focused-microwave-assisted strategies for sample preparation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002 , 57, 1855-1876	3.1	80
73	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	3.1	59
72	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	3.1	33
71	Effect of modifiers on thermal behaviour of Se in acid digestates and slurries of vegetables by graphite furnace atomic absorption spectrometry. <i>Food Chemistry</i> , 2002 , 79, 517-523	8.5	27
70	Homogenization of breakfast cereals using cryogenic grinding. <i>Journal of Food Engineering</i> , 2002 , 51, 59-63	6	23

69	Comparison of decomposition procedures for analysis of titanium dioxide using inductively coupled plasma optical emission spectrometry. <i>Microchemical Journal</i> , 2002 , 71, 41-48	4.8	23
68	Comparison of heating extraction procedures for Al, Ca, Mg, and Mn in tea samples. <i>Analytical Sciences</i> , 2002 , 18, 313-8	1.7	55
67	Evaluation and application of bismuth as an internal standard for the determination of lead in wines by simultaneous electrothermal atomic absorption spectrometry. <i>Analyst, The</i> , 2002 , 127, 157-62	5	26
66	Microwave-assisted Acid decomposition of animal- and plant-derived samples for element analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 4164-8	5.7	31
65	Análise de suspensões de argilas por espectrometria de emissão óptica com plasma induzido com configuração axial. <i>Quimica Nova</i> , 2002 , 25, 1194-1196	1.6	4
64	Análise exploratória dos teores de constituintes inorgânicos em sucos e refrigerantes de uva. <i>Eclética Química</i> , 2002 , 27, 77-90	2.6	8
63	Discriminação geográfica de águas minerais do Estado de São Paulo através da análise exploratória. <i>Eclética Química</i> , 2002 , 27, 91-102	2.6	5
62	Determinação e distribuição de ácido ascórbico em três frutos tropicais. <i>Eclética Química</i> , 2002 , 27, 393-401	2.6	7
61	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. <i>Journal of the Chilean Chemical Society</i> , 2002 , 47,		2
60	Análise química inorgânica de leite esumulado do reagente CFA-C. <i>Eclética Química</i> , 2002 , 27, 61-76	2.6	
59	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, 536-40		15
58	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	3.1	25
57	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	3.1	30
56	Simultaneous determination of cadmium and lead in wine by electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001 , 56, 1987-1993	3.1	42
55	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	3.1	17
54	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	6.6	98
53	Polaronic ferromagnetism in conducting polymers. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 2023-2025	2.8	10
52	Flow analysis strategies to greener analytical chemistry. An overview. <i>Green Chemistry</i> , 2001 , 3, 216	10	76

51	Focused-microwave-assisted reaction in flow injection spectrophotometry: a new liquid-vapor separation chamber for determination of reducing sugars in wine. <i>Talanta</i> , 2001 , 55, 677-84	6.2	6
50	Determination of dysprosium and europium in sheep faeces by graphite furnace and tungsten coil electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2001 , 55, 847-54	6.2	19
49	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	3.7	11
48	Development of hardware and software for on-line sample preparation using sequential-injection analysis. <i>Laboratory Robotics and Automation</i> , 2000 , 12, 246-252		6
47	Thermogravimetric investigations on the mechanism of decomposition of Pb compounds on a tungsten surface. <i>Thermochimica Acta</i> , 2000 , 362, 161-168	2.9	4
46	Infra-red heating as an alternative technique for fast sample preparation. <i>Journal of the Brazilian Chemical Society</i> , 2000 , 11, 261-265	1.5	9
45	Influence of Na, K, Ca and Mg on lead atomization by tungsten coil atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2000 , 11, 136-142	1.5	13
44	Determinao direta de selnio em gua de coco e em leite de coco utilizando espectrometria de absoro atmica com atomizao eletrotmica em forno de grafite. <i>Quimica Nova</i> , 2000 , 23, 310-312	1.6	24
43	Avaliao de programas de aquecimento para espectrometria de absoro atmica com atomizao eletrotmica em filamento de tungstnio. <i>Quimica Nova</i> , 2000 , 23, 706-708	1.6	12
42	Determination of mercury in agroindustrial samples by flow-injection cold vapor atomic absorption spectrometry using ion exchange and reductive elution. <i>Talanta</i> , 2000 , 51, 587-94	6.2	19
41	Single vessel procedure for acid-vapour partial digestion in a focused microwave: Fe and Co determination in biological samples by ETAAS. <i>Analyst, The</i> , 2000 , 125, 1861-4	5	29
40	Determinao direta de crnio em ar e leite por espectrometria de absoro atmica com atomizao eletrotmica em forno de grafite. <i>Quimica Nova</i> , 2000 , 23, 185-190	1.6	4
39	Direct determination of chromium in gelatine by graphite furnace atomic absorption spectrophotometry. <i>Food Chemistry</i> , 1999 , 64, 429-433	8.5	6
38	Study of chemical modifiers for the determination of chromium in biological materials by tungsten coil electrothermal atomic absorption spectrometry. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 364, 273-278		7
37	A critical evaluation of the graphite furnace conditions for the direct determination of chromium in urine. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 364, 333-337		9
36	Flow Injection Analysis in the Undergraduate Laboratory. <i>The Chemical Educator</i> , 1999 , 4, 179-182		3
35	Automation in flow-injection analysis: Simultaneous determination of chloride and total iron. <i>Laboratory Robotics and Automation</i> , 1999 , 11, 260-265		2
34	Determination of cadmium in hair and blood by tungsten coil electrothermal atomic absorption spectrometry with chemical modifiers. <i>Talanta</i> , 1999 , 48, 537-49	6.2	20

33	Atomization of Al in a tungsten coil electrothermal atomic absorption spectrophotometer. <i>Talanta</i> , 1999 , 48, 695-703	6.2	23
32	Asynchronous merging zones system: spectrophotometric determination of Fe(II) and Fe(III) in pharmaceutical products. <i>Talanta</i> , 1999 , 49, 505-10	6.2	30
31	Determination of cadmium and lead in mussels by tungsten coil electrothermal atomic absorption spectrometry. <i>Talanta</i> , 1999 , 50, 967-75	6.2	14
30	Determination of Cobalt in Animal Feces by Tungsten Coil Atomic Absorption Spectrophotometry.. <i>Analytical Sciences</i> , 1999 , 15, 165-171	1.7	11
29	Sequential determinations by confluent reagent introduction in the sample loop: system characteristics and applications. <i>Analytica Chimica Acta</i> , 1998 , 366, 281-285	6.6	1
28	A fast microwave-assisted, acid-vapor, steam-cleaning procedure for autosampler cups. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1998 , 53, 769-771	3.1	8
27	Determination of ytterbium in animal faeces by tungsten coil electrothermal atomic absorption spectrometry. <i>Talanta</i> , 1998 , 47, 613-23	6.2	51
26	Chemical modifiers in a tungsten coil electrothermal atomizer.. <i>Journal of Analytical Atomic Spectrometry</i> , 1998 , 13, 29-35	3.7	23
25	Reducing Polyatomic Interferences in the ICP-MS Determination of Chromium and Vanadium in Biofluids and Tissues. <i>Applied Spectroscopy</i> , 1998 , 52, 205-211	3.1	31
24	Flow Injection Spectrophotometric Determination of Free and Total Sulfito In Wines Based on the Induced Oxidation of Manganese(II). <i>Analytical Letters</i> , 1998 , 31, 2195-2208	2.2	18
23	Determination of Elements in Biological and Botanical Materials by Inductively Coupled Plasma Atomic Emission and Mass Spectrometry After Extraction With a Tertiary Amine Reagent. <i>Journal of Analytical Atomic Spectrometry</i> , 1997 , 12, 1239-1242	3.7	29
22	Determination of Ytterbium in Digesta and Animal Faeces by Electrothermal Atomic Absorption Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1997 , 12, 475-478	3.7	4
21	Direct Determination of Major and Trace Elements in Milk by Inductively Coupled Plasma Atomic Emission and Mass Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1997 , 12, 1243-1246	3.7	49
20	Ionic Strength Effect on the Rate of Reduction of Hexacyanoferrate(III) by Ascorbic Acid: A Flow Injection Kinetic Experiment. <i>Journal of Chemical Education</i> , 1997 , 74, 560	2.4	10
19	Flow injection spectrophotometric determination of nitrate in electrolyte of lead-acid batteries. <i>Talanta</i> , 1997 , 45, 265-71	6.2	5
18	Overcoming the schlieren effect in flow injection spectrophotometry by introduction of large sample volumes: determination of chloride in the electrolyte of lead-acid batteries. <i>Journal of the Brazilian Chemical Society</i> , 1997 , 8, 625-629	1.5	15
17	Effects of Solution Physical Properties on Copper and Chromium Signals in Flame Atomic Absorption Spectrometry. <i>Journal of Chemical Education</i> , 1996 , 73, 982	2.4	5
16	Flow-injection spectrophotometric determination of ascorbic acid in pharmaceutical products with the Prussian Blue reaction. <i>Talanta</i> , 1996 , 43, 971-6	6.2	28

15	Separation and preconcentration by flow injection coupled to tungsten coil electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1996 , 51, 1925-1934	3.1	25
14	Complexing power of alkanesulfonate ions: the lead-methanesulfonate system. <i>Journal of Applied Electrochemistry</i> , 1995 , 25, 408	2.6	11
13	Determination of lead in blood by tungsten coil electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1995 , 50, 1469-1474	3.1	32
12	Flow injection spectrophotometric determination of cyclamate in low calorie soft drinks and sweeteners. <i>Analyst, The</i> , 1995 , 120, 2009-2012	5	16
11	A Flow Injection Spectrophotometric Determination of Ammonium in Natural Water. <i>Journal of the Brazilian Chemical Society</i> , 1995 , 6, 327-330	1.5	7
10	Flow injection potentiometric determination of saccharin in dietary products with relocation of filtration unit. <i>Talanta</i> , 1994 , 41, 731-4	6.2	32
9	Determination of barium in waters by tungsten coil electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1994 , 9, 861	3.7	32
8	Flow injection spectrophotometric determination of aspartame in dietary products. <i>Analyst, The</i> , 1994 , 119, 2101-4	5	25
7	Flow Injection Amperometric Determination of Acid-Available Cyanide: A Study of Sulfide and Thiocyanate Interferences. <i>Journal of the Brazilian Chemical Society</i> , 1994 , 5, 91-95	1.5	3
6	Determination of cadmium in biological materials by tungsten coil atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1993 , 8, 243-245	3.7	27
5	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. <i>Analytica Chimica Acta</i> , 1991 , 245, 211-216	6.6	21
4	Reaction kinetics in a flow-injection spectrophotometric experiment: A laboratory exercise. <i>Journal of Chemical Education</i> , 1991 , 68, 966	2.4	4
3	On-line electrolytic dissolution of alloys in flow injection analysis. <i>Analytica Chimica Acta</i> , 1988 , 214, 397-400	6.6	27
2	Half-Sandwich Ru(II) Anticancer Complexes Containing Triphenylphosphine and p-Substituted Benzoic Acids. <i>Journal of the Brazilian Chemical Society</i> ,	1.5	3
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. <i>Analytical Letters</i> , 1-11	2.2	