

Valderi Luiz Dressler

List of Publications by Year in descending order

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148
papers

5,392
citations

66234

42
h-index

114278

63
g-index

149
all docs

149
docs citations

149
times ranked

5378
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of La ₂ O ₃ nanoparticles and bulk-La ₂ O ₃ on the development of <i>Pfaffia glomerata</i> (Spreng.) Pedersen and respective nutrient element concentration. <i>Environmental Science and Pollution Research</i> , 2022, 29, 60084-60097.	2.7	3
2	Investigative Analysis of Lanthanum Oxide Nanoparticles on Elements in Bone of Wistar Rats After 30 Days of Repeated Oral Administration. <i>Biological Trace Element Research</i> , 2020, 196, 153-167.	1.9	4
3	La ₂ O ₃ Nanoparticles: Study of Uptake and Distribution in <i>Pfaffia glomerata</i> (Spreng.) Pedersen by LA-ICP-MS and ¹³⁷ Cs-XRF. <i>Environmental Science & Technology</i> , 2019, 53, 10827-10834.	4.6	23
4	In vitro stability of arsenic trioxide-liposome encapsulates for acute promyelocytic leukemia treatment. <i>Leukemia Research</i> , 2019, 76, 11-14.	0.4	11
5	Development of an electrothermal vaporizer for direct mercury determination in soil by inductively-coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 149, 222-228.	1.5	17
6	Triphenyltin hydroxide induces changes in the oxidative stress parameters of fish. <i>Ecotoxicology</i> , 2017, 26, 565-569.	1.1	5
7	A new approach to calibration and determination of selected trace elements in food contact polymers by LA-ICP-MS. <i>Talanta</i> , 2017, 170, 488-495.	2.9	25
8	Multielement determination in medicinal plants using electrothermal vaporization coupled to ICP OES. <i>Analytical Methods</i> , 2017, 9, 3497-3504.	1.3	11
9	Recent applications of laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) for biological sample analysis: a follow-up review. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 890-919.	1.6	160
10	Elemental hair analysis: A review of procedures and applications. <i>Analytica Chimica Acta</i> , 2017, 992, 1-23.	2.6	105
11	External calibration strategy for trace element quantification in botanical samples by LA-ICP-MS using filter paper. <i>Analytica Chimica Acta</i> , 2016, 905, 51-57.	2.6	38
12	Selenium and mercury levels in rat liver slices co-treated with diphenyl diselenide and methylmercury. <i>BioMetals</i> , 2016, 29, 543-550.	1.8	9
13	Simultaneous determination of As, Bi, Sb, Se, Sn and Te in lead alloy using flow injection-hydride generation-inductively coupled plasma mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 6805-6814.	1.3	2
14	Determination of Halogens in Cardboard Gaskets Using Pyrohydrolysis. <i>Analytical Letters</i> , 2016, 49, 1903-1916.	1.0	9
15	Feasibility of dispersive liquid-liquid microextraction for extraction and preconcentration of Cu and Fe in red and white wine and determination by flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 105, 136-140.	1.5	41
16	Imazethapyr and imazapic, bispyribac-sodium and penoxsulam: Zooplankton and dissipation in subtropical rice paddy water. <i>Science of the Total Environment</i> , 2015, 514, 68-76.	3.9	21
17	Feasibility of low frequency ultrasound for water removal from crude oil emulsions. <i>Ultrasonics Sonochemistry</i> , 2015, 25, 70-75.	3.8	70
18	Dispersive liquid-liquid microextraction: An efficient approach for the extraction of Cd and Pb from honey and determination by flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2015, 123, 211-217.	2.3	51

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19	Determination of rare earth elements in graphite by solid sampling electrothermal vaporization-inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 2048-2055.	1.6	21
20	Histopathological biomarkers in juvenile silver catfish (<i>Rhamdia quelen</i>) exposed to a sublethal lead concentration. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 241-247.	2.9	24
21	Lactating and nonlactating rats differ to renal toxicity induced by mercuric chloride: the preventive effect of zinc chloride. <i>Cell Biochemistry and Function</i> , 2014, 32, 420-428.	1.4	12
22	Rice Slurry Analysis Using Mixed-Gas Plasma and Axially Viewed ICP OES. <i>Food Analytical Methods</i> , 2014, 7, 1415-1423.	1.3	10
23	Efficient H ₂ O ₂ /CH ₃ COOH oxidative desulfurization/denitrification of liquid fuels in sonochemical flow-reactors. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 283-288.	3.8	45
24	Hypoxia acclimation protects against oxidative damage and changes in prolactin and somatolactin expression in silver catfish (<i>Rhamdia quelen</i>) exposed to manganese. <i>Aquatic Toxicology</i> , 2014, 157, 175-185.	1.9	38
25	Direct determination of tannins in <i>Acacia mearnsii</i> bark using near-infrared spectroscopy. <i>Analytical Methods</i> , 2014, 6, 8299-8305.	1.3	25
26	Review of the applications of laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) to the analysis of biological samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 2204-2228.	1.6	153
27	Classification of yerba mate (<i>Ilex paraguariensis</i>) according to the country of origin based on element concentrations. <i>Microchemical Journal</i> , 2014, 117, 164-171.	2.3	49
28	Effect of zinc supplementation on E-ADA activity, seric zinc, and cytokines levels of <i>Trypanosoma evansi</i> infected wistar rats. <i>Microbial Pathogenesis</i> , 2014, 74, 15-19.	1.3	7
29	Quercetin protects the impairment of memory and anxiogenic-like behavior in rats exposed to cadmium: Possible involvement of the acetylcholinesterase and Na ⁺ ,K ⁺ -ATPase activities. <i>Physiology and Behavior</i> , 2014, 135, 152-167.	1.0	95
30	Desorption electrospray ionization mass spectrometry (DESI-MS) applied to the speciation of arsenic compounds from fern leaves. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7643-7651.	1.9	7
31	Sublethal Zinc and Copper Exposure Affect Acetylcholinesterase Activity and Accumulation in Different Tissues of <i>Leporinus obtusidens</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 12-16.	1.3	18
32	Moderate hypoxia is able to minimize the manganese-induced toxicity in tissues of silver catfish (<i>Rhamdia quelen</i>). <i>Ecotoxicology and Environmental Safety</i> , 2013, 91, 103-109.	2.9	36
33	Differential speed of activation in antioxidant system in three oat genotypes. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 202-207.	1.5	3
34	Evaluation of microwave and ultrasound extraction procedures for arsenic speciation in bivalve mollusks by liquid chromatography-inductively coupled plasma-mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 86, 108-114.	1.5	42
35	Development of a vaporization system for direct determination of chlorine in petroleum coke by ICP-MS. <i>Microchemical Journal</i> , 2013, 109, 117-121.	2.3	18
36	Evaluation of drying conditions of fish tissues for inorganic mercury and methylmercury speciation analysis. <i>Microchemical Journal</i> , 2013, 108, 53-59.	2.3	35

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37	Metals in the water, sediment, and tissues of two fish species from different trophic levels in a subtropical Brazilian river. <i>Microchemical Journal</i> , 2013, 106, 61-66.	2.3	156
38	Toxicity of Triphenyltin Hydroxide to Fish. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 65, 733-741.	2.1	10
39	Effects of excess copper in vineyard soils on the mineral nutrition of potato genotypes. <i>Food and Energy Security</i> , 2013, 2, 49-69.	2.0	17
40	Determinação espectrofotométrica de cloreto em cimento após o preparo de amostra por pirólise. <i>Química Nova</i> , 2013, 36, 716-719.	0.3	13
41	Hematological indices and activity of NTPDase and cholinesterase enzymes in rats exposed to cadmium and treated with N-acetylcysteine. <i>BioMetals</i> , 2012, 25, 1195-1206.	1.8	10
42	Behavior and brain enzymatic changes after long-term intoxication with cadmium salt or contaminated potatoes. <i>Food and Chemical Toxicology</i> , 2012, 50, 3709-3718.	1.8	68
43	Determination of Bromide, Chloride, and Fluoride in Cigarette Tobacco by Ion Chromatography after Microwave-Induced Combustion. <i>Analytical Letters</i> , 2012, 45, 1004-1015.	1.0	40
44	Chemical phosphorus removal: a clean strategy for piggery wastewater management in Brazil. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1677-1683.	1.2	40
45	Bromine and iodine determination in active pharmaceutical ingredients by ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1889.	1.6	50
46	Determination of bromine, fluorine and iodine in mineral supplements using pyrohydrolysis for sample preparation. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 488-495.	0.6	33
47	Fluoride determination in carbon nanotubes by ion selective electrode. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1193-1198.	0.6	11
48	Total Mercury, Inorganic Mercury and Methyl Mercury Determination in Red Wine. <i>Food Analytical Methods</i> , 2012, 5, 505-511.	1.3	20
49	Pyrohydrolysis of carbon nanotubes for Br and I determination by ICP-MS. <i>Microchemical Journal</i> , 2012, 101, 54-58.	2.3	29
50	Effects of lead on the growth, lead accumulation and physiological responses of <i>Pluchea sagittalis</i> . <i>Ecotoxicology</i> , 2012, 21, 111-123.	1.1	63
51	Heavy crude oil sample preparation by pyrohydrolysis for further chlorine determination. <i>Analytical Methods</i> , 2011, 3, 288-293.	1.3	29
52	Speciation and Degradation of Triphenyltin in Typical Paddy Fields and Its Uptake into Rice Plants. <i>Environmental Science & Technology</i> , 2011, 45, 10524-10530.	4.6	33
53	Delayed biochemical changes induced by mercury intoxication are prevented by zinc pre-exposure. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 480-486.	2.9	50
54	Effect of wheat bran and flaxseed on cadmium effects and retention in rats. <i>Human and Experimental Toxicology</i> , 2011, 30, 981-991.	1.1	10

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55	O processo ANAMMOX como alternativa para tratamento de Águas residuÁrias, contendo alta concentraÃ§Ã£o de nitrogÃªnio. Revista Brasileira De Engenharia Agrícola E Ambiental, 2011, 15, 1289-1297.	0.4	5
56	Determination of metal impurities in carbon nanotubes by direct solid sampling electrothermal atomic absorption spectrometry. Journal of the Brazilian Chemical Society, 2011, 22, 1040-1049.	0.6	23
57	Elemental analysis of wines from South America and their classification according to country. Journal of the Brazilian Chemical Society, 2011, 22, 327-336.	0.6	39
58	Severidade de doenÃ§as e manutenÃ§Ã£o da Área foliar verde em funÃ§Ã£o da aplicaÃ§Ã£o de micronutrientes e fungicidas em trigo. Summa Phytopathologica, 2011, 37, 119-124.	0.3	6
59	Delta-aminolevulinate dehydratase activity in red blood cells of rats infected with <i>Trypanosoma evansi</i> . Parasitology, 2011, 138, 1272-1277.	0.7	8
60	As, Hg, I, Sb, Se and Sn speciation in body fluids and biological tissues using hyphenated-ICP-MS techniques: A review. International Journal of Mass Spectrometry, 2011, 307, 149-162.	0.7	56
61	Detection of Zn-containing proteins in slug (Genus Arion) tissue using laser ablation ICP-MS after separation by gel electrophoresis. International Journal of Mass Spectrometry, 2011, 307, 66-69.	0.7	14
62	Evaluation of metal distributions in small samples of mouse brain lesions (hematoma) by inductively coupled plasma mass spectrometry after sampling by laser microdissection (LMD). International Journal of Mass Spectrometry, 2011, 307, 137-141.	0.7	2
63	Differential responses of oat genotypes: oxidative stress provoked by aluminum. BioMetals, 2011, 24, 73-83.	1.8	15
64	Effects of Water Cadmium Concentrations on Bioaccumulation and Various Oxidative Stress Parameters in Rhamdia quelen. Archives of Environmental Contamination and Toxicology, 2011, 60, 309-318.	2.1	36
65	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.	1.5	55
66	Arsenic speciation in white wine by LC-ICP-MS. Food Chemistry, 2011, 126, 1406-1411.	4.2	44
67	Sulfur removal from hydrotreated petroleum fractions using ultrasound-assisted oxidative desulfurization process. Fuel, 2011, 90, 2158-2164.	3.4	158
68	Development of multi-elemental method for quality control of parenteral component solutions using ICP-MS. Microchemical Journal, 2011, 98, 144-149.	2.3	15
69	Evaluation of sample preparation methods for elastomer digestion for further halogens determination. Analytical and Bioanalytical Chemistry, 2010, 397, 563-570.	1.9	41
70	Iodine determination in food by inductively coupled plasma mass spectrometry after digestion by microwave-induced combustion. Analytical and Bioanalytical Chemistry, 2010, 398, 1125-1131.	1.9	90
71	Acetylcholinesterase Activity, Lipid Peroxidation, and Bioaccumulation in Silver Catfish (Rhamdia) Tj ETQq 1 1 0.784314 rgBT /Overlock 1008-1014.	2.1	57
72	Antioxidant system activation by mercury in Pfaffia glomerata plantlets. BioMetals, 2010, 23, 295-305.	1.8	23

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73	N-acetylcysteine prevents memory deficits, the decrease in acetylcholinesterase activity and oxidative stress in rats exposed to cadmium. <i>Chemico-Biological Interactions</i> , 2010, 186, 53-60.	1.7	136
74	Determination of metals and metalloids in light and heavy crude oil by ICP-MS after digestion by microwave-induced combustion. <i>Microchemical Journal</i> , 2010, 96, 4-11.	2.3	126
75	Solid sampling coupled to flame furnace atomic absorption spectrometry for Mn and Ni determination in petroleum coke. <i>Microchemical Journal</i> , 2010, 96, 64-70.	2.3	10
76	Preparo de amostras de combustíveis sólidos por pirólise para a determinação de flúor e cloro. <i>Química Nova</i> , 2010, 33, 1130-1134.	0.3	24
77	Determination of Cd in blood by microwave-induced combustion coupled to flame furnace atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 978-984.	0.6	8
78	Arsenic determination in pharmaceutical grade barium sulfate using direct solid sampling electrothermal atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 686-693.	0.6	8
79	Influence of cereal bran supplement on cadmium effects in growing rats. <i>Human and Experimental Toxicology</i> , 2010, 29, 467-476.	1.1	10
80	Biomonitoring of essential and toxic metals in single hair using on-line solution-based calibration in laser ablation inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2010, 82, 1770-1777.	2.9	73
81	Determination of toxic elements in coal by ICP-MS after digestion using microwave-induced combustion. <i>Talanta</i> , 2010, 83, 364-369.	2.9	60
82	Microwave-induced combustion of carbon nanotubes for further halogen determination. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1268.	1.6	49
83	Bioimaging of metals in thin mouse brain section by laser ablation inductively coupled plasma mass spectrometry: novel online quantification strategy using aqueous standards. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1739.	1.6	57
84	Avaliação funcional e histológica da tireoide de ovinos suplementados com fluoreto de sódio por um período de 150 dias. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009, 61, 293-298.	0.1	0
85	Protective Effect of High Alkalinity Against the Deleterious Effects of Chronic Waterborne Cadmium Exposure on the Detection of Alarm Cues by Juvenile Silver Catfish (<i>Rhamdia quelen</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 770-775.	2.1	10
86	Ultrasound-assisted oxidative process for sulfur removal from petroleum product feedstock. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 732-736.	3.8	101
87	Cadmium and mineral nutrient accumulation in potato plantlets grown under cadmium stress in two different experimental culture conditions. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 814-821.	2.8	104
88	Multiple microflame quartz tube atomizer: Study and minimization of interferences in quartz tube atomizers in hydride generation atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 173-178.	1.5	17
89	Chlorine and sulfur determination in extra-heavy crude oil by inductively coupled plasma optical emission spectrometry after microwave-induced combustion. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 554-558.	1.5	88
90	Organic, inorganic and total mercury determination in fish by chemical vapor generation with collection on a gold gauze and electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 513-519.	1.5	36

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91	Photosynthetic pigments content, $\hat{\Gamma}$ -aminolevulinic acid dehydratase and acid phosphatase activities and mineral nutrients concentration in cadmium-exposed <i>Cucumis sativus</i> L.. <i>Biologia (Poland)</i> , 2009, 64, 310-318.	0.8	23
92	Feasibility of Microwave-Induced Combustion for Digestion of Crude Oil Vacuum Distillation Residue for Chlorine Determination. <i>Energy & Fuels</i> , 2009, 23, 6015-6019.	2.5	44
93	ZnCl ₂ exposure protects against behavioral and acetylcholinesterase changes induced by HgCl ₂ . <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 459-468.	0.7	27
94	Nickel, vanadium and sulfur determination by inductively coupled plasma optical emission spectrometry in crude oil distillation residues after microwave-induced combustion. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 911.	1.6	56
95	Seafood digestion by microwave-induced combustion for total arsenic determination by atomic spectrometry techniques with hydride generation. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 224-227.	1.6	49
96	Mercury speciation in urban landfill leachate by cold vapor generation atomic absorption spectrometry using ion exchange and amalgamation. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1659-1666.	0.6	17
97	Toxicity of Cadmium for Silver Catfish <i>Rhamdia quelen</i> (Heptapteridae) Embryos and Larvae at Different Alkalinities. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 54, 274-282.	2.1	25
98	Quantitative images of metals in plant tissues measured by laser ablation inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 1248-1252.	1.5	95
99	Chloride determination by ion chromatography in petroleum coke after digestion by microwave-induced combustion. <i>Journal of Chromatography A</i> , 2008, 1213, 249-252.	1.8	68
100	Monitoring of platinum in a single hair by laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) after cisplatin treatment for cancer. <i>International Journal of Mass Spectrometry</i> , 2008, 272, 57-62.	0.7	63
101	Biochemistry, cytogenetics and bioaccumulation in silver catfish (<i>Rhamdia quelen</i>) exposed to different thorium concentrations. <i>Aquatic Toxicology</i> , 2008, 88, 250-256.	1.9	18
102	LA-ICP-MS studies of zinc exchange by copper in bovine serum albumin using an isotopic enriched copper tracer. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1076.	1.6	30
103	Biomonitoring of essential and toxic elements in small biological tissues by ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1281.	1.6	25
104	Microwave-Induced Combustion Coupled to Flame Furnace Atomic Absorption Spectrometry for Determination of Cadmium and Lead in Botanical Samples. <i>Analytical Chemistry</i> , 2008, 80, 9369-9374.	3.2	18
105	Imaging of metals and metal-containing species in biological tissues and on gels by laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS): A new analytical strategy for applications in life sciences. <i>Pure and Applied Chemistry</i> , 2008, 80, 2643-2655.	0.9	30
106	Determination of Sulfur in Petroleum Coke Combining Closed Vessel Microwave-Induced Combustion and Inductively Coupled Plasma-Optical Emission Spectrometry. <i>Analytical Letters</i> , 2008, 41, 1623-1632.	1.0	41
107	Metabolismo e distribui�o do fl�uor em ovinos jovens tratados cronicamente com fluoreto de s�dio. <i>Pesquisa Veterinaria Brasileira</i> , 2008, 28, 124-128.	0.5	1
108	Arsenic Determination in Marine Sediment Using Ultrasound for Sample Preparation. <i>Analytical Sciences</i> , 2007, 23, 1097-1101.	0.8	8

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109	Chromium determination in pharmaceutical grade barium sulfate by solid sampling electrothermal atomic absorption spectrometry with Zeeman-effect background correction. <i>Talanta</i> , 2007, 74, 119-124.	2.9	19
110	Sr and Fe relationship with hormone replacement therapy and bone mineral density. <i>Clinica Chimica Acta</i> , 2007, 384, 113-117.	0.5	4
111	Micronebulization for trace analysis of lanthanides in small biological specimens by ICP-MS. <i>International Journal of Mass Spectrometry</i> , 2007, 266, 25-33.	0.7	31
112	Application of microwave induced combustion in closed vessels for carbon black-containing elastomers decomposition. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 1065-1071.	1.5	44
113	Determination of cadmium, copper and lead in alumina based catalysts by direct solid sampling graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 933-938.	1.5	24
114	A new approach for fluorine determination by solid sampling graphite furnace molecular absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 918-923.	1.5	38
115	Delta-aminolevulinatase (δ -ALA-D) activity in diabetes and hypothyroidism. <i>Clinical Biochemistry</i> , 2007, 40, 321-325.	0.8	17
116	Evaluation of liquid chromatography inductively coupled plasma mass spectrometry for arsenic speciation in water from industrial treatment of shale. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 978-984.	1.5	23
117	Digestion of biological materials using the microwave-assisted sample combustion technique. <i>Microchemical Journal</i> , 2006, 82, 183-188.	2.3	71
118	Lead content of dietary calcium supplements available in Brazil. <i>Food Additives and Contaminants</i> , 2006, 23, 133-139.	2.0	13
119	Influence of citric acid as chemical modifier for lead determination in dietary calcium supplement samples by graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 687-692.	1.5	27
120	Determination of inorganic and total mercury by vapor generation atomic absorption spectrometry using different temperatures of the measurement cell. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 705-710.	1.5	72
121	Interference of nitrite and nitrogen dioxide on mercury and selenium determination by chemical vapor generation atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 731-736.	1.5	20
122	Use of paper capsules for cadmium determination in biological samples by solid sampling flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 583-588.	1.5	10
123	Direct solid sampling by flame atomic absorption spectrometry: determination of manganese in coal samples. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 199-204.	0.6	7
124	Determination of copper in medicinal plants used as dietary supplements by atomic absorption spectrometry with direct flame solid analysis. <i>Microchemical Journal</i> , 2004, 77, 113-118.	2.3	10
125	Determination of tellurium in lead and lead alloy using flow injection-hydride generation atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2004, 517, 195-200.	2.6	13
126	Determination of fluoride in coal using pyrohydrolysis for analyte separation. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 334-338.	0.6	33

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127	Determination of antimony(iii) and total antimony by hydride generation atomic absorption spectrometry in samples of injectable drugs used for leishmaniasis treatment. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 819-823.	1.6	31
128	On-line pre-concentration of Hg in blood and urine and determination by CVAAS. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 790-793.	1.6	18
129	Cadmium determination in biological samples by direct solid sampling flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 2187-2193.	1.5	17
130	Determination of total arsenic by batch hydride generation atomic absorption spectrometry in injectable drugs containing high levels of Sb(V) as N-methylglucamine antimonate. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 2095-2102.	1.5	18
131	Potentiometric determination of fluoride in geological and biological samples following pyrohydrolytic decomposition. <i>Analytica Chimica Acta</i> , 2002, 466, 117-123.	2.6	50
132	Determination of trace elements in biological materials using tetramethylammonium hydroxide for sample preparation. <i>Analytica Chimica Acta</i> , 2002, 470, 195-204.	2.6	35
133	Determination of Hg in seawater by inductively coupled plasma mass spectrometry after on-line pre-concentration. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1963-1971.	1.5	25
134	Minimization of volatile nitrogen oxides interference in the determination of arsenic by hydride generation atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 1883-1891.	1.5	26
135	Comparison of the performance of FI-ICP-MS and FI-ETV-ICP-MS systems for the determination of trace elements in sea water. <i>Analytica Chimica Acta</i> , 2001, 438, 215-225.	2.6	22
136	Determination of Ag, Te, U and Au in waters and in biological samples by FI-ICP-MS following on-line preconcentration. <i>Analytica Chimica Acta</i> , 2001, 438, 235-244.	2.6	43
137	Flow injection turbidimetric determination of total organic carbon with a gas-liquid transfer microreactor. <i>Analytica Chimica Acta</i> , 2001, 445, 139-144.	2.6	13
138	Determination of volatile elements in biological materials by isotopic dilution ETV-ICP-MS after dissolution with tetramethylammonium hydroxide or acid digestion. <i>Talanta</i> , 2000, 51, 903-911.	2.9	36
139	Introduction of alcohols in inductively coupled plasma mass spectrometry by a flow injection system. <i>Analytica Chimica Acta</i> , 1999, 379, 175-183.	2.6	43
140	Análise de cabelo: uma revisão dos procedimentos para a determinação de elementos traço e aplicação. <i>Química Nova</i> , 1999, 22, 838-846.	0.3	21
141	Potencialidades analíticas do dietilditiofosfato de amônio em espectrometria de massas com plasma indutivamente acoplado empregando extração em fase sólida e sistemas de injeção em fluxo. <i>Ecletica Química</i> , 1999, 24, 69-89.	0.2	2
142	Determination of heavy metals by inductively coupled plasma mass spectrometry after on-line separation and preconcentration. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1998, 53, 1527-1539.	1.5	107
143	Determination of arsenic(III) and arsenic(V) by electrothermal atomic absorption spectrometry after complexation and sorption on a C-18 bonded silica column. <i>Talanta</i> , 1998, 45, 1167-1175.	2.9	68
144	Determination of Mo, U and B in waters by electrothermal vaporization inductively coupled plasma mass spectrometry. <i>Talanta</i> , 1998, 47, 849-859.	2.9	17

#	ARTICLE	IF	CITATIONS
145	Determination of copper, cadmium, lead, bismuth and selenium(iv) in sea-water by electrothermal vaporization inductively coupled plasma mass spectrometry after on-line separation. Journal of Analytical Atomic Spectrometry, 1998, 13, 363-369.	1.6	68
146	Determination of trace elements in biological materials by ETV-ICP-MS after dissolution or slurry formation with tetramethylammonium hydroxide. Journal of Analytical Atomic Spectrometry, 1998, 13, 1101-1105.	1.6	47
147	Determination of arsenic, selenium and lead by electrothermal vaporization inductively coupled plasma mass spectrometry using iridium-coated graphite tubes. Journal of Analytical Atomic Spectrometry, 1998, 13, 7-11.	1.6	31
148	Spectrophotometric determination of tannin in tanning effluent with a flow injection system. Analyst, The, 1995, 120, 1185.	1.7	11