Valderi Luiz Dressler

List of Publications by Year
in descending order

148 papers	5,392 citations	66343 42 h-index	114465 63 g-index
149 all docs	149 docs citations	149 times ranked	5378 citing authors

#	Article	IF	Citations
1	Recent applications of laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) for biological sample analysis: a follow-up review. Journal of Analytical Atomic Spectrometry, 2017, 32, 890-919.	3.0	160
2	Sulfur removal from hydrotreated petroleum fractions using ultrasound-assisted oxidative desulfurization process. Fuel, 2011, 90, 2158-2164.	6.4	158
3	Metals in the water, sediment, and tissues of two fish species from different trophic levels in a subtropical Brazilian river. Microchemical Journal, 2013, 106, 61-66.	4.5	156
4	Review of the applications of laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) to the analysis of biological samples. Journal of Analytical Atomic Spectrometry, 2014, 29, 2204-2228.	3.0	153
5	N-acetylcysteine prevents memory deficits, the decrease in acetylcholinesterase activity and oxidative stress in rats exposed to cadmium. Chemico-Biological Interactions, 2010, 186, 53-60.	4.0	136
6	Determination of metals and metalloids in light and heavy crude oil by ICP-MS after digestion by microwave-induced combustion. Microchemical Journal, 2010, 96, 4-11.	4.5	126
7	Determination of heavy metals by inductively coupled plasma mass spectrometry after on-line separation and preconcentration. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1998, 53, 1527-1539.	2.9	107
8	Elemental hair analysis: A review of procedures and applications. Analytica Chimica Acta, 2017, 992, 1-23.	5.4	105
9	Cadmium and mineral nutrient accumulation in potato plantlets grown under cadmium stress in two different experimental culture conditions. Plant Physiology and Biochemistry, 2009, 47, 814-821.	5.8	104
10	Ultrasound-assisted oxidative process for sulfur removal from petroleum product feedstock. Ultrasonics Sonochemistry, 2009, 16, 732-736.	8.2	101
11	Quantitative images of metals in plant tissues measured by laser ablation inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 1248-1252.	2.9	95
12	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. Physiology and Behavior, 2014, 135, 152-167.	2.1	95
13	Iodine determination in food by inductively coupled plasma mass spectrometry after digestion by microwave-induced combustion. Analytical and Bioanalytical Chemistry, 2010, 398, 1125-1131.	3.7	90
14	Chlorine and sulfur determination in extra-heavy crude oil by inductively coupled plasma optical emission spectrometry after microwave-induced combustion. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 554-558.	2.9	88
15	Biomonitoring of essential and toxic metals in single hair using on-line solution-based calibration in laser ablation inductively coupled plasma mass spectrometry. Talanta, 2010, 82, 1770-1777.	5.5	73
16	Determination of inorganic and total mercury by vapor generation atomic absorption spectrometry using different temperatures of the measurement cell. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 705-710.	2.9	72
17	Digestion of biological materials using the microwave-assisted sample combustion technique. Microchemical Journal, 2006, 82, 183-188.	4.5	71
18	Feasibility of low frequency ultrasound for water removal from crude oil emulsions. Ultrasonics Sonochemistry, 2015, 25, 70-75.	8.2	70

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19	Determination of arsenic(III) and arsenic(V) by electrothermal atomic absorption spectrometry after complexation and sorption on a C-18 bonded silica column. Talanta, 1998, 45, 1167-1175.	5.5	68
20	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.	3.0	68
21	Chloride determination by ion chromatography in petroleum coke after digestion by microwave-induced combustion. Journal of Chromatography A, 2008, 1213, 249-252.	3.7	68
22	Behavior and brain enzymatic changes after long-term intoxication with cadmium salt or contaminated potatoes. Food and Chemical Toxicology, 2012, 50, 3709-3718.	3.6	68
23	Monitoring of platinum in a single hair by laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) after cisplatin treatment for cancer. International Journal of Mass Spectrometry, 2008, 272, 57-62.	1.5	63
24	Effects of lead on the growth, lead accumulation and physiological responses of Pluchea sagittalis. Ecotoxicology, 2012, 21, 111-123.	2.4	63
25	Determination of toxic elements in coal by ICP-MS after digestion using microwave-induced combustion. Talanta, 2010, 83, 364-369.	5.5	60
26	Acetylcholinesterase Activity, Lipid Peroxidation, and Bioaccumulation in Silver Catfish (Rhamdia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 1008-1014.	4.1	57
27	Bioimaging of metals in thin mouse brain section by laser ablation inductively coupled plasma mass spectrometry: novel online quantification strategy using aqueous standards. Journal of Analytical Atomic Spectrometry, 2010, 25, 1739.	3.0	57
28	Nickel, vanadium and sulfur determination by inductively coupled plasma optical emission spectrometry in crude oil distillation residues after microwave-induced combustion. Journal of Analytical Atomic Spectrometry, 2009, 24, 911.	3.0	56
29	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.	1.5	56
30	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.	2.9	55
31	Dispersive liquidâ€“liquid microextraction: An efficient approach for the extraction of Cd and Pb from honey and determination by flame atomic absorption spectrometry. Microchemical Journal, 2015, 123, 211-217.	4.5	51
32	Potentiometric determination of fluoride in geological and biological samples following pyrohydrolytic decomposition. Analytica Chimica Acta, 2002, 466, 117-123.	5.4	50
33	Delayed biochemical changes induced by mercury intoxication are prevented by zinc pre-exposure. Ecotoxicology and Environmental Safety, 2011, 74, 480-486.	6.0	50
34	Bromine and iodine determination in active pharmaceutical ingredients by ICP-MS. Journal of Analytical Atomic Spectrometry, 2012, 27, 1889.	3.0	50
35	Seafood digestion by microwave-induced combustion for total arsenic determination by atomic spectrometry techniques with hydride generation. Journal of Analytical Atomic Spectrometry, 2009, 24, 224-227.	3.0	49
36	Microwave-induced combustion of carbon nanotubes for further halogen determination. Journal of Analytical Atomic Spectrometry, 2010, 25, 1268.	3.0	49

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37	Classification of yerba mate (Ilex paraguariensis) according to the country of origin based on element concentrations. Microchemical Journal, 2014, 117, 164-171.	4.5	49
38	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.	3.0	47
39	Efficient H2O2/CH3COOH oxidative desulfurization/denitrification of liquid fuels in sonochemical flow-reactors. Ultrasonics Sonochemistry, 2014, 21, 283-288.	8.2	45
40	Application of microwave induced combustion in closed vessels for carbon black-containing elastomers decomposition. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 1065-1071.	2.9	44
41	Feasibility of Microwave-Induced Combustion for Digestion of Crude Oil Vacuum Distillation Residue for Chlorine Determination. Energy & Fuels, 2009, 23, 6015-6019.	5.1	44
42	Arsenic speciation in white wine by LCâ€“ICPâ€“MS. Food Chemistry, 2011, 126, 1406-1411.	8.2	44
43	Introduction of alcohols in inductively coupled plasma mass spectrometry by a flow injection system. Analytica Chimica Acta, 1999, 379, 175-183.	5.4	43
44	Determination of Ag, Te, U and Au in waters and in biological samples by FIâ€“ICP-MS following on-line preconcentration. Analytica Chimica Acta, 2001, 438, 235-244.	5.4	43
45	Evaluation of microwave and ultrasound extraction procedures for arsenic speciation in bivalve mollusks by liquid chromatographyâ€“inductively coupled plasma-mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 86, 108-114.	2.9	42
46	Determination of Sulfur in Petroleum Coke Combining Closed Vessel Microwave-Induced Combustion and Inductively Coupled Plasma-Optical Emission Spectrometry. Analytical Letters, 2008, 41, 1623-1632.	1.8	41
47	Evaluation of sample preparation methods for elastomer digestion for further halogens determination. Analytical and Bioanalytical Chemistry, 2010, 397, 563-570.	3.7	41
48	Feasibility of dispersive liquidâ€“liquid microextraction for extraction and preconcentration of Cu and Fe in red and white wine and determination by flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 105, 136-140.	2.9	41
49	Determination of Bromide, Chloride, and Fluoride in Cigarette Tobacco by Ion Chromatography after Microwave-Induced Combustion. Analytical Letters, 2012, 45, 1004-1015.	1.8	40
50	Chemical phosphorus removal: a clean strategy for piggery wastewater management in Brazil. Environmental Technology (United Kingdom), 2012, 33, 1677-1683.	2.2	40
51	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
52	A new approach for fluorine determination by solid sampling graphite furnace molecular absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 918-923.	2.9	38
53	Hypoxia acclimation protects against oxidative damage and changes in prolactin and somatolactin expression in silver catfish (Rhamdia quelen) exposed to manganese. Aquatic Toxicology, 2014, 157, 175-185.	4.0	38
54	External calibration strategy for trace element quantification in botanical samples by LA-ICP-MS using filter paper. Analytica Chimica Acta, 2016, 905, 51-57.	5.4	38

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55	Determination of volatile elements in biological materials by isotopic dilution ETV-ICP-MS after dissolution with tetramethylammonium hydroxide or acid digestion. Talanta, 2000, 51, 903-911.	5.5	36
56	Organic, inorganic and total mercury determination in fish by chemical vapor generation with collection on a gold gauze and electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 513-519.	2.9	36
57	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.	4.1	36
58	Moderate hypoxia is able to minimize the manganese-induced toxicity in tissues of silver catfish (Rhamdia quelen). Ecotoxicology and Environmental Safety, 2013, 91, 103-109.	6.0	36
59	Determination of trace elements in biological materials using tetramethylammonium hydroxide for sample preparation. Analytica Chimica Acta, 2002, 470, 195-204.	5.4	35
60	Evaluation of drying conditions of fish tissues for inorganic mercury and methylmercury speciation analysis. Microchemical Journal, 2013, 108, 53-59.	4.5	35
61	Determination of fluoride in coal using pyrohydrolysis for analyte separation. Journal of the Brazilian Chemical Society, 2003, 14, 334-338.	0.6	33
62	Speciation and Degradation of Triphenyltin in Typical Paddy Fields and Its Uptake into Rice Plants. Environmental Science & Technology, 2011, 45, 10524-10530.	10.0	33
63	Determination of bromine, fluorine and iodine in mineral supplements using pyrohydrolysis for sample preparation. Journal of the Brazilian Chemical Society, 2012, 23, 488-495.	0.6	33
64	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.	3.0	31
65	Determination of antimony(iii) and total antimony by hydride generation atomic absorption spectrometry in samples of injectable drugs used for leishmaniasis treatment. Journal of Analytical Atomic Spectrometry, 2002, 17, 819-823.	3.0	31
66	Micronebulization for trace analysis of lanthanides in small biological specimens by ICP-MS. International Journal of Mass Spectrometry, 2007, 266, 25-33.	1.5	31
67	LA-ICP-MS studies of zinc exchange by copper in bovine serum albumin using an isotopic enriched copper tracer. Journal of Analytical Atomic Spectrometry, 2008, 23, 1076.	3.0	30
68	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. Pure and Applied Chemistry, 2008, 80, 2643-2655.	1.9	30
69	Heavy crude oil sample preparation by pyrohydrolysis for further chlorine determination. Analytical Methods, 2011, 3, 288-293.	2.7	29
70	Pyrohydrolysis of carbon nanotubes for Br and I determination by ICP-MS. Microchemical Journal, 2012, 101, 54-58.	4.5	29
71	Influence of citric acid as chemical modifier for lead determination in dietary calcium supplement samples by graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 687-692.	2.9	27
72	ZnCl 2 exposure protects against behavioral and acetylcholinesterase changes induced by HgCl 2. International Journal of Developmental Neuroscience, 2009, 27, 459-468.	1.6	27

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73	Minimization of volatile nitrogen oxides interference in the determination of arsenic by hydride generation atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 1883-1891.	2.9	26
74	Determination of Hg in seawater by inductively coupled plasma mass spectrometry after on-line pre-concentration. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 1963-1971.	2.9	25
75	Toxicity of Cadmium for Silver Catfish Rhamdia quelen (Heptapteridae) Embryos and Larvae at Different Alkalinities. Archives of Environmental Contamination and Toxicology, 2008, 54, 274-282.	4.1	25
76	Biomonitoring of essential and toxic elements in small biological tissues by ICP-MS. Journal of Analytical Atomic Spectrometry, 2008, 23, 1281.	3.0	25
77	Direct determination of tannins in Acacia mearnsii bark using near-infrared spectroscopy. Analytical Methods, 2014, 6, 8299-8305.	2.7	25
78	A new approach to calibration and determination of selected trace elements in food contact polymers by LA-ICP-MS. Talanta, 2017, 170, 488-495.	5.5	25
79	Determination of cadmium, copper and lead in alumina based catalysts by direct solid sampling graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 933-938.	2.9	24
80	Preparo de amostras de combustÃveis fÃ³sseis por piroidrÃ³lise para a determinaÃ§Ã£o de flÃºor e cloro. Quimica Nova, 2010, 33, 1130-1134.	0.3	24
81	Histopathological biomarkers in juvenile silver catfish (Rhamdia quelen) exposed to a sublethal lead concentration. Ecotoxicology and Environmental Safety, 2015, 113, 241-247.	6.0	24
82	Evaluation of liquid chromatography inductively coupled plasma mass spectrometry for arsenic speciation in water from industrial treatment of shale. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 978-984.	2.9	23
83	Photosynthetic pigments content, Î´-aminolevulinic acid dehydratase and acid phosphatase activities and mineral nutrients concentration in cadmium-exposed Cucumis sativus L.. Biologia (Poland), 2009, 64, 310-318.	1.5	23
84	Antioxidant system activation by mercury in Pfaffia glomerata plantlets. BioMetals, 2010, 23, 295-305.	4.1	23
85	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
86	La₂O₃ Nanoparticles: Study of Uptake and Distribution in Pfaffia glomerata (Spreng.) Pedersen by LA-ICP-MS and Î¼-XRF. Environmental Science & Technology, 2019, 53, 10827-10834.	10.0	23
87	Comparison of the performance of FI-ICP-MS and FI-ETV-ICP-MS systems for the determination of trace elements in sea water. Analytica Chimica Acta, 2001, 438, 215-225.	5.4	22
88	Imazethapyr and imazapic, bispyribac-sodium and penoxsulam: Zooplankton and dissipation in subtropical rice paddy water. Science of the Total Environment, 2015, 514, 68-76.	8.0	21
89	Determination of rare earth elements in graphite by solid sampling electrothermal vaporization-inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2015, 30, 2048-2055.	3.0	21
90	AnÃ¡lise de cabelo: uma revisÃ£o dos procedimentos para a determinaÃ§Ã£o de elementos traÃ§o e aplicaÃ§Ãµes. Quimica Nova, 1999, 22, 838-846.	0.3	21

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91	Interference of nitrite and nitrogen dioxide on mercury and selenium determination by chemical vapor generation atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 731-736.	2.9	20
92	Total Mercury, Inorganic Mercury and Methyl Mercury Determination in Red Wine. Food Analytical Methods, 2012, 5, 505-511.	2.6	20
93	Chromium determination in pharmaceutical grade barium sulfate by solid sampling electrothermal atomic absorption spectrometry with Zeeman-effect background correction. Talanta, 2007, 74, 119-124.	5.5	19
94	On-line pre-concentration of Hg in blood and urine and determination by CVAAS. Journal of Analytical Atomic Spectrometry, 2002, 17, 790-793.	3.0	18
95	Determination of total arsenic by batch hydride generation atomic absorption spectrometry in injectable drugs containing high levels of Sb(V) as N-methylglucamine antimonate. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 2095-2102.	2.9	18
96	Biochemistry, cytogenetics and bioaccumulation in silver catfish (Rhamdia quelen) exposed to different thorium concentrations. Aquatic Toxicology, 2008, 88, 250-256.	4.0	18
97	Microwave-Induced Combustion Coupled to Flame Furnace Atomic Absorption Spectrometry for Determination of Cadmium and Lead in Botanical Samples. Analytical Chemistry, 2008, 80, 9369-9374.	6.5	18
98	Sublethal Zinc and Copper Exposure Affect Acetylcholinesterase Activity and Accumulation in Different Tissues of Leporinus obtusidens. Bulletin of Environmental Contamination and Toxicology, 2013, 90, 12-16.	2.7	18
99	Development of a vaporization system for direct determination of chlorine in petroleum coke by ICP-MS. Microchemical Journal, 2013, 109, 117-121.	4.5	18
100	Determination of Mo, U and B in waters by electrothermal vaporization inductively coupled plasma mass spectrometry. Talanta, 1998, 47, 849-859.	5.5	17
101	Cadmium determination in biological samples by direct solid sampling flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 2187-2193.	2.9	17
102	Delta-aminolevulinate dehydratase (Î´-ALA-D) activity in diabetes and hypothyroidism. Clinical Biochemistry, 2007, 40, 321-325.	1.9	17
103	Multiple microflame quartz tube atomizer: Study and minimization of interferences in quartz tube atomizers in hydride generation atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 173-178.	2.9	17
104	Effects of excess copper in vineyard soils on the mineral nutrition of potato genotypes. Food and Energy Security, 2013, 2, 49-69.	4.3	17
105	Development of an electrothermal vaporizer for direct mercury determination in soil by inductively-coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 149, 222-228.	2.9	17
106	Mercury speciation in urban landfill leachate by cold vapor generation atomic absorption spectrometry using ion exchange and amalgamation. Journal of the Brazilian Chemical Society, 2009, 20, 1659-1666.	0.6	17
107	Differential responses of oat genotypes: oxidative stress provoked by aluminum. BioMetals, 2011, 24, 73-83.	4.1	15
108	Development of multi-elemental method for quality control of parenteral component solutions using ICP-MS. Microchemical Journal, 2011, 98, 144-149.	4.5	15

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109	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.	1.5	14
110	Flow injection turbidimetric determination of total organic carbon with a gasâ€“liquid transfer microreactor. Analytica Chimica Acta, 2001, 445, 139-144.	5.4	13
111	Determination of tellurium in lead and lead alloy using flow injection-hydride generation atomic absorption spectrometry. Analytica Chimica Acta, 2004, 517, 195-200.	5.4	13
112	Lead content of dietary calcium supplements available in Brazil. Food Additives and Contaminants, 2006, 23, 133-139.	2.0	13
113	DeterminaÃ§Ã£o espectrofotomÃ©trica de cloreto em cimento apÃ³s preparo de amostra por piroidrÃ³lise. Quimica Nova, 2013, 36, 716-719.	0.3	13
114	Lactating and nonlactating rats differ to renal toxicity induced by mercuric chloride: the preventive effect of zinc chloride. Cell Biochemistry and Function, 2014, 32, 420-428.	2.9	12
115	Spectrophotometric determination of tannin in tanning effluent with a flow injection system. Analyst, The, 1995, 120, 1185.	3.5	11
116	Fluoride determination in carbon nanotubes by ion selective electrode. Journal of the Brazilian Chemical Society, 2012, 23, 1193-1198.	0.6	11
117	Multielement determination in medicinal plants using electrothermal vaporization coupled to ICP OES. Analytical Methods, 2017, 9, 3497-3504.	2.7	11
118	In vitro stability of arsenic trioxide-liposome encapsulates for acute promyelocytic leukemia treatment. Leukemia Research, 2019, 76, 11-14.	0.8	11
119	Determination of copper in medicinal plants used as dietary supplements by atomic absorption spectrometry with direct flame solid analysis. Microchemical Journal, 2004, 77, 113-118.	4.5	10
120	Use of paper capsules for cadmium determination in biological samples by solid sampling flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 583-588.	2.9	10
121	Protective Effect of High Alkalinity Against the Deleterious Effects of Chronic Waterborne Cadmium Exposure on the Detection of Alarm Cues by Juvenile Silver Catfish (Rhamdia quelen). Archives of Environmental Contamination and Toxicology, 2009, 56, 770-775.	4.1	10
122	Solid sampling coupled to flame furnace atomic absorption spectrometry for Mn and Ni determination in petroleum coke. Microchemical Journal, 2010, 96, 64-70.	4.5	10
123	Influence of cereal bran supplement on cadmium effects in growing rats. Human and Experimental Toxicology, 2010, 29, 467-476.	2.2	10
124	Effect of wheat bran and flaxseed on cadmium effects and retention in rats. Human and Experimental Toxicology, 2011, 30, 981-991.	2.2	10
125	Hematological indices and activity of NTPDase and cholinesterase enzymes in rats exposed to cadmium and treated with N-acetylcysteine. BioMetals, 2012, 25, 1195-1206.	4.1	10
126	Toxicity of Triphenyltin Hydroxide to Fish. Archives of Environmental Contamination and Toxicology, 2013, 65, 733-741.	4.1	10

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127	Rice Slurry Analysis Using Mixed-Gas Plasma and Axially Viewed ICP OES. Food Analytical Methods, 2014, 7, 1415-1423.	2.6	10
128	Selenium and mercury levels in rat liver slices co-treated with diphenyl diselenide and methylmercury. BioMetals, 2016, 29, 543-550.	4.1	9
129	Determination of Halogens in Cardboard Gaskets Using Pyrohydrolysis. Analytical Letters, 2016, 49, 1903-1916.	1.8	9
130	Arsenic Determination in Marine Sediment Using Ultrasound for Sample Preparation. Analytical Sciences, 2007, 23, 1097-1101.	1.6	8
131	Determination of Cd in blood by microwave-induced combustion coupled to flame furnace atomic absorption spectrometry. Journal of the Brazilian Chemical Society, 2010, 21, 978-984.	0.6	8
132	Arsenic determination in pharmaceutical grade barium sulfate using direct solid sampling electrothermal atomic absorption spectrometry. Journal of the Brazilian Chemical Society, 2010, 21, 686-693.	0.6	8
133	Delta-aminolevulinate dehydratase activity in red blood cells of rats infected withTrypanosoma evansi. Parasitology, 2011, 138, 1272-1277.	1.5	8
134	Direct solid sampling by flame atomic absorption spectrometry: determination of manganese in coal samples. Journal of the Brazilian Chemical Society, 2004, 15, 199-204.	0.6	7
135	Desorption electrospray ionization mass spectrometry (DESI-MS) applied to the speciation of arsenic compounds from fern leaves. Analytical and Bioanalytical Chemistry, 2013, 405, 7643-7651.	3.7	7
136	Effect of zinc supplementation on E-ADA activity, seric zinc, and cytokines levels of Trypanosoma evansi infected wistar rats. Microbial Pathogenesis, 2014, 74, 15-19.	2.9	7
137	Severidade de doenÃ§as e manutenÃ§Ã£o da Ã¡rea foliar verde em funÃ§Ã£o da aplicaÃ§Ã£o de micronutrientes e fungicidas em trigo. Summa Phytopathologica, 2011, 37, 119-124.	0.1	6
138	O processo ANAMMOX como alternativa para tratamento de Ã¡guas residuÃ¡rias, contendo alta concentraÃ§Ã£o de nitrogÃªnio. Revista Brasileira De Engenharia Agricola E Ambiental, 2011, 15, 1289-1297.	1.1	5
139	Triphenyltin hydroxide induces changes in the oxidative stress parameters of fish. Ecotoxicology, 2017, 26, 565-569.	2.4	5
140	Sr and Fe relationship with hormone replacement therapy and bone mineral density. Clinica Chimica Acta, 2007, 384, 113-117.	1.1	4
141	Investigative Analysis of Lanthanum Oxide Nanoparticles on Elements in Bone of Wistar Rats After 30ÂDays of Repeated Oral Administration. Biological Trace Element Research, 2020, 196, 153-167.	3.5	4
142	Differential speed of activation in antioxidant system in three oat genotypes. Journal of Inorganic Biochemistry, 2013, 128, 202-207.	3.5	3
143	Effects of La2O3 nanoparticles and bulk-La2O3 on the development of Pfaffia glomerata (Spreng.) Pedersen and respective nutrient element concentration. Environmental Science and Pollution Research, 2022, 29, 60084-60097.	5.3	3
144	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.	1.5	2

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145	Simultaneous determination of As, Bi, Sb, Se, Sn and Te in lead alloy using flow injection-hydride generation-inductively coupled plasma mass spectrometry. Analytical Methods, 2016, 8, 6805-6814.	2.7	2
146	Potencialidades analÃ‡ticas do dietilditiofosfato de amÃ´nio em espectrometria de massas com plasma indutivamente acoplado empregando extraÃ§Ã£o em fase sÃ³lida e sistemas de injeÃ§Ã£o em fluxo. Ecletica Quimica, 1999, 24, 69-89.	0.5	2
147	Metabolismo e distribuiÃ§Ã£o do flÃºor em ovinos jovens tratados cronicamente com fluoreto de sÃ³dio. Pesquisa Veterinaria Brasileira, 2008, 28, 124-128.	0.5	1
148	AvaliaÃ§Ã£o funcional e histolÃ³gica da tireoide de ovinos suplementados com fluoreto de sÃ³dio por um perÃodo de 150 dias. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2009, 61, 293-298.	0.4	0