

F Barbosa

List of Publications by Year in descending order

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359
papers

11,068
citations

31976

53
h-index

60623

81
g-index

371
all docs

371
docs citations

371
times ranked

12702
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Critical Review of Biomarkers Used for Monitoring Human Exposure to Lead: Advantages, Limitations, and Future Needs. <i>Environmental Health Perspectives</i> , 2005, 113, 1669-1674. | 6.0 | 587 |
| 2 | The use of inductively coupled plasma mass spectrometry (ICP-MS) for the determination of toxic and essential elements in different types of food samples. <i>Food Chemistry</i> , 2009, 112, 727-732. | 8.2 | 301 |
| 3 | Potential risks of the residue from Samarco's mine dam burst (Bento Rodrigues, Brazil). <i>Environmental Pollution</i> , 2016, 218, 813-825. | 7.5 | 201 |
| 4 | Determination of lead, cadmium and mercury in blood for assessment of environmental exposure: A comparison between inductively coupled plasma mass spectrometry and atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006, 61, 980-990. | 2.9 | 187 |
| 5 | Speciation of arsenic in rice and estimation of daily intake of different arsenic species by Brazilians through rice consumption. <i>Journal of Hazardous Materials</i> , 2011, 191, 342-348. | 12.4 | 162 |
| 6 | Identification and quantification of phytochelatins in roots of rice to long-term exposure: evidence of individual role on arsenic accumulation and translocation. <i>Journal of Experimental Botany</i> , 2014, 65, 1467-1479. | 4.8 | 149 |
| 7 | Evaluation of the use of human hair for biomonitoring the deficiency of essential and exposure to toxic elements. <i>Science of the Total Environment</i> , 2008, 405, 370-376. | 8.0 | 144 |
| 8 | Multi-element determination in Brazilian honey samples by inductively coupled plasma mass spectrometry and estimation of geographic origin with data mining techniques. <i>Food Research International</i> , 2012, 49, 209-215. | 6.2 | 138 |
| 9 | Urinary concentrations of 25 phthalate metabolites in Brazilian children and their association with oxidative DNA damage. <i>Science of the Total Environment</i> , 2017, 586, 152-162. | 8.0 | 136 |
| 10 | Arsenic removal from contaminated water by ultrafine γ -FeOOH adsorbents. <i>Chemical Engineering Journal</i> , 2014, 237, 47-54. | 12.7 | 130 |
| 11 | Gold nanoparticles: A critical review of therapeutic applications and toxicological aspects. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2016, 19, 129-148. | 6.5 | 126 |
| 12 | Exploiting dynamic reaction cell inductively coupled plasma mass spectrometry (DRC-ICP-MS) for sequential determination of trace elements in blood using a dilute-and-shoot procedure. <i>Analytica Chimica Acta</i> , 2009, 639, 13-18. | 5.4 | 118 |
| 13 | A Simple Method Based on ICP-MS for Estimation of Background Levels of Arsenic, Cadmium, Copper, Manganese, Nickel, Lead, and Selenium in Blood of the Brazilian Population. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 878-887. | 2.3 | 113 |
| 14 | Simultaneous determination of Cd, Cu, Mn, Ni, Pb and Zn in nail samples by inductively coupled plasma mass spectrometry (ICP-MS) after tetramethylammonium hydroxide solubilization at room temperature: Comparison with ETAAS. <i>Talanta</i> , 2008, 76, 575-579. | 5.5 | 109 |
| 15 | Mercury exposure and oxidative stress in communities of the Brazilian Amazon. <i>Science of the Total Environment</i> , 2010, 408, 806-811. | 8.0 | 108 |
| 16 | Atomic spectrometry and trends in clinical laboratory medicine. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 992-1003. | 2.9 | 106 |
| 17 | Comparison of ultrasound-assisted extraction, slurry sampling and microwave-assisted digestion for cadmium, copper and lead determination in biological and sediment samples by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 995-1000. | 3.0 | 101 |
| 18 | Classification of geographic origin of rice by data mining and inductively coupled plasma mass spectrometry. <i>Computers and Electronics in Agriculture</i> , 2016, 121, 101-107. | 7.7 | 99 |

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|----|---|------|-----------|
| 19 | A fast method for bisphenol A and six analogues (S, F, Z, P, AF, AP) determination in urine samples based on dispersive liquid-liquid microextraction and liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016, 154, 511-519. | 5.5 | 97 |
| 20 | Biomarkers of Methylmercury Exposure Immunotoxicity among Fish Consumers in Amazonian Brazil. <i>Environmental Health Perspectives</i> , 2011, 119, 1733-1738. | 6.0 | 96 |
| 21 | Advanced data mining approaches in the assessment of urinary concentrations of bisphenols, chlorophenols, parabens and benzophenones in Brazilian children and their association to DNA damage. <i>Environment International</i> , 2018, 116, 269-277. | 10.0 | 96 |
| 22 | The use of advanced chemometric techniques and trace element levels for controlling the authenticity of organic coffee. <i>Food Research International</i> , 2014, 61, 246-251. | 6.2 | 92 |
| 23 | A critical viewpoint on current issues, limitations, and future research needs on micro- and nanoplastic studies: From the detection to the toxicological assessment.. <i>Environmental Research</i> , 2020, 182, 109089. | 7.5 | 90 |
| 24 | Determination of trace elements in biological samples by inductively coupled plasma mass spectrometry with tetramethylammonium hydroxide solubilization at room temperature. <i>Analytica Chimica Acta</i> , 2009, 646, 23-29. | 5.4 | 86 |
| 25 | Effect of JNK inhibition on cisplatin-induced renal damage. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 2138-2148. | 0.7 | 84 |
| 26 | Mercury speciation in seafood samples by LC-ICP-MS with a rapid ultrasound-assisted extraction procedure: Application to the determination of mercury in Brazilian seafood samples. <i>Food Chemistry</i> , 2011, 126, 2000-2004. | 8.2 | 82 |
| 27 | Methylmercury and inorganic mercury determination in blood by using liquid chromatography with inductively coupled plasma mass spectrometry and a fast sample preparation procedure. <i>Talanta</i> , 2010, 80, 1158-1163. | 5.5 | 71 |
| 28 | Teratogenicity, genotoxicity and oxidative stress in zebrafish embryos (<i>Danio rerio</i>) co-exposed to arsenic and atrazine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 172-173, 7-12. | 2.6 | 71 |
| 29 | A fast and simple air-assisted liquid-liquid microextraction procedure for the simultaneous determination of bisphenols, parabens, benzophenones, triclosan, and triclocarban in human urine by liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2018, 183, 94-101. | 5.5 | 71 |
| 30 | Identification and distribution of mercury species in rat tissues following administration of thimerosal or methylmercury. <i>Archives of Toxicology</i> , 2010, 84, 891-896. | 4.2 | 70 |
| 31 | Selenium and Mercury in the Brazilian Amazon: Opposing Influences on Age-Related Cataracts. <i>Environmental Health Perspectives</i> , 2010, 118, 1584-1589. | 6.0 | 69 |
| 32 | Caffeic acid phenethyl ester protects against the dopaminergic neuronal loss induced by 6-hydroxydopamine in rats. <i>Neuroscience</i> , 2013, 233, 86-94. | 2.3 | 69 |
| 33 | A simple method for methylmercury, inorganic mercury and ethylmercury determination in plasma samples by high performance liquid chromatography-cold-vapor-inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 761, 11-17. | 5.4 | 69 |
| 34 | Reference values of cadmium, arsenic and manganese in blood and factors associated with exposure levels among adult population of Rio Branco, Acre, Brazil. <i>Chemosphere</i> , 2015, 128, 70-78. | 8.2 | 69 |
| 35 | Low levels of methylmercury induce DNA damage in rats: protective effects of selenium. <i>Archives of Toxicology</i> , 2009, 83, 249-254. | 4.2 | 68 |
| 36 | Protective properties of quercetin against DNA damage and oxidative stress induced by methylmercury in rats. <i>Archives of Toxicology</i> , 2011, 85, 1151-1157. | 4.2 | 68 |

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|----|---|-----|-----------|
| 37 | Arsenic, cadmium, and mercury-induced hypertension: mechanisms and epidemiological findings. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2018, 21, 61-82. | 6.5 | 68 |
| 38 | Predicting the botanical and geographical origin of honey with multivariate data analysis and machine learning techniques: A review. <i>Computers and Electronics in Agriculture</i> , 2019, 157, 436-446. | 7.7 | 68 |
| 39 | In vivo studies on lead content of deciduous teeth superficial enamel of preschool children. <i>Science of the Total Environment</i> , 2004, 320, 25-35. | 8.0 | 66 |
| 40 | Recognition of organic rice samples based on trace elements and support vector machines. <i>Journal of Food Composition and Analysis</i> , 2016, 45, 95-100. | 3.9 | 65 |
| 41 | Tungsten-rhodium permanent chemical modifier for cadmium determination in fish slurries by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 269-274. | 3.0 | 64 |
| 42 | Low level and sub-chronic exposure to methylmercury induces hypertension in rats: nitric oxide depletion and oxidative damage as possible mechanisms. <i>Archives of Toxicology</i> , 2009, 83, 653-662. | 4.2 | 64 |
| 43 | Determination of total and inorganic mercury in whole blood by cold vapor inductively coupled plasma mass spectrometry (CV ICP-MS) with alkaline sample preparation. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1414. | 3.0 | 64 |
| 44 | Elevated levels of selenium in the typical diet of Amazonian riverside populations. <i>Science of the Total Environment</i> , 2010, 408, 4076-4084. | 8.0 | 64 |
| 45 | Determination of Cd and Pb in food slurries by GFAAS using cryogenic grinding for sample preparation. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 183-189. | 3.7 | 61 |
| 46 | Evaluation of the use of salivary lead levels as a surrogate of blood lead or plasma lead levels in lead exposed subjects. <i>Archives of Toxicology</i> , 2006, 80, 633-637. | 4.2 | 61 |
| 47 | Polymorphisms in glutathione-related genes modify mercury concentrations and antioxidant status in subjects environmentally exposed to methylmercury. <i>Science of the Total Environment</i> , 2013, 463-464, 319-325. | 8.0 | 59 |
| 48 | Anthocyanin-Rich <i>Euterpe oleracea</i> (Mart.) Extract Attenuates Manganese-Induced Oxidative Stress in Rat Primary Astrocyte Cultures. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 390-404. | 2.3 | 59 |
| 49 | Mechanisms of Manganese-Induced Neurotoxicity in Primary Neuronal Cultures: The Role of Manganese Speciation and Cell Type. <i>Toxicological Sciences</i> , 2011, 124, 414-423. | 3.1 | 57 |
| 50 | On-line coupling of electrochemical preconcentration in tungsten coil electrothermal atomic absorption spectrometry for determination of lead in natural waters. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1999, 54, 1155-1166. | 2.9 | 56 |
| 51 | A fast ultrasound-assisted extraction procedure for trace elements determination in hair samples by ICP-MS for forensic analysis. <i>Forensic Science International</i> , 2009, 192, 88-93. | 2.2 | 56 |
| 52 | Comparative study on methyl- and ethylmercury-induced toxicity in C6 glioma cells and the potential role of LAT-1 in mediating mercurial-thiol complexes uptake. <i>NeuroToxicology</i> , 2013, 38, 1-8. | 3.0 | 56 |
| 53 | Comparative study of data mining techniques for the authentication of organic grape juice based on ICP-MS analysis. <i>Expert Systems With Applications</i> , 2016, 49, 60-73. | 7.6 | 56 |
| 54 | Carvedilol protects against cisplatin-induced oxidative stress, redox state unbalance and apoptosis in rat kidney mitochondria. <i>Chemico-Biological Interactions</i> , 2011, 189, 45-51. | 4.0 | 54 |

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|----|--|------|-----------|
| 55 | Tungsten-rhodium permanent chemical modifier for lead determination in digests of biological materials and sediments by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 1601-1605. | 3.0 | 51 |
| 56 | Determination of arsenic in sediment and soil slurries by electrothermal atomic absorption spectrometry using Wâ€‘Rh permanent modifier. <i>Analyst, The</i> , 2000, 125, 2079-2083. | 3.5 | 51 |
| 57 | Reference concentrations for trace elements in urine for the Brazilian population based on q-ICP-MS with a simple dilute-and-shoot procedure. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1406-1413. | 0.6 | 51 |
| 58 | No evidence of selenosis from a selenium-rich diet in the Brazilian Amazon. <i>Environment International</i> , 2012, 40, 128-136. | 10.0 | 51 |
| 59 | An overview of the current progress, challenges, and prospects of human biomonitoring and exposure studies. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2019, 22, 131-156. | 6.5 | 51 |
| 60 | High Levels of Bisphenol A and Bisphenol S in Brazilian Thermal Paper Receipts and Estimation of Daily Exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 1181-1188. | 2.3 | 50 |
| 61 | The use of tungstenâ€‘rhodium permanent chemical modifier for cadmium determination in decomposed samples of biological materials and sediments by electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2000, 409, 267-274. | 5.4 | 49 |
| 62 | A polymorphism in the delta-aminolevulinic acid dehydratase gene modifies plasma/whole blood lead ratio. <i>Archives of Toxicology</i> , 2006, 80, 394-398. | 4.2 | 49 |
| 63 | Blood thioredoxin reductase activity, oxidative stress and hematological parameters in painters and battery workers: relationship with lead and cadmium levels in blood. <i>Journal of Applied Toxicology</i> , 2013, 33, 142-150. | 2.8 | 48 |
| 64 | The influence of atmospheric particles on the elemental content of vegetables in urban gardens of Sao Paulo, Brazil. <i>Environmental Pollution</i> , 2016, 216, 125-134. | 7.5 | 48 |
| 65 | Elevated blood lead levels in a riverside population in the Brazilian Amazon. <i>Environmental Research</i> , 2009, 109, 594-599. | 7.5 | 47 |
| 66 | Selenium from dietary sources and motor functions in the Brazilian Amazon. <i>NeuroToxicology</i> , 2011, 32, 944-953. | 3.0 | 47 |
| 67 | Toxicology of metals and metalloids: Promising issues for future studies in environmental health and toxicology. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 137-144. | 2.3 | 47 |
| 68 | Advances in â€‘Omicsâ€‘Approaches for Improving Toxic Metals/Metalloids Tolerance in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 794373. | 3.6 | 47 |
| 69 | Lead contents in the surface enamel of deciduous teeth sampled in vivo from children in uncontaminated and in lead-contaminated areas. <i>Environmental Research</i> , 2007, 104, 337-345. | 7.5 | 46 |
| 70 | A fast sample preparation procedure for mercury speciation in hair samples by high-performance liquid chromatography coupled to ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 79-83. | 3.0 | 46 |
| 71 | Effects of methylmercury on male reproductive functions in Wistar rats. <i>Reproductive Toxicology</i> , 2011, 31, 431-439. | 2.9 | 46 |
| 72 | Inorganic and Methylmercury Levels in Plasma are Differentially Associated with Age, Gender, and Oxidative Stress Markers in a Population Exposed to Mercury Through Fish Consumption. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 69-79. | 2.3 | 46 |

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|----|--|-----|-----------|
| 73 | Copper determination in biological materials by ETAAS using Wâ€“Rh permanent modifier. <i>Talanta</i> , 2002, 57, 177-186. | 5.5 | 45 |
| 74 | Haplotypes of vitamin D receptor modulate the circulating levels of lead in exposed subjects. <i>Archives of Toxicology</i> , 2008, 82, 29-36. | 4.2 | 45 |
| 75 | Survey of 13 trace elements of toxic and nutritional significance in rice from Brazil and exposure assessment. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2010, 3, 253-262. | 2.8 | 45 |
| 76 | Quercetin protects human-derived liver cells against mercury-induced DNA-damage and alterations of the redox status. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 726, 109-115. | 1.7 | 45 |
| 77 | Lead (Pb) exposure induces disturbances in epigenetic status in workers exposed to this metal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1098-1105. | 2.3 | 44 |
| 78 | Evaluation of distribution, redox parameters, and genotoxicity in Wistar rats co-exposed to silver and titanium dioxide nanoparticles. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1156-1165. | 2.3 | 44 |
| 79 | Rapid, sensitive and simultaneous determination of 16 endocrine-disrupting chemicals (parabens,) Tj ETQq1 1 0.784314 rgBT /Overload sorbent combined with liquid chromatography tandem mass spectrometry (MEPS-LC-MS/MS). <i>Chemosphere</i> , 2020, 240, 124951. | 8.2 | 44 |
| 80 | Lead determination in slurries of biological materials by ETAAS using a W-Rh permanent modifier. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 369, 496-501. | 1.5 | 43 |
| 81 | Clinical evidence for lead-induced inhibition of nitric oxide formation. <i>Archives of Toxicology</i> , 2006, 80, 811-816. | 4.2 | 43 |
| 82 | Lead in saliva from lead-exposed and unexposed children. <i>Science of the Total Environment</i> , 2009, 407, 1547-1550. | 8.0 | 43 |
| 83 | Evaluation of Antigenotoxic Effects of Plant Flavonoids Quercetin and Rutin on <sc>HepG2</sc> Cells. <i>Phytotherapy Research</i> , 2011, 25, 1381-1388. | 5.8 | 43 |
| 84 | Investigations of a W-Rh permanent modifier for the determination of Pb in blood by electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 1291-1300. | 2.9 | 42 |
| 85 | A fast method for the determination of 16 elements in hair samples by inductively coupled plasma mass spectrometry (ICP-MS) with tetramethylammonium hydroxide solubilization at room temperature. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 992. | 3.0 | 42 |
| 86 | Evaluation of protective effects of fish oil against oxidative damage in rats exposed to methylmercury. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 487-493. | 6.0 | 42 |
| 87 | Assessment of Trace Elements in Scalp Hair of a Young Urban Population in Brazil. <i>Biological Trace Element Research</i> , 2011, 143, 815-824. | 3.5 | 42 |
| 88 | Inhibition of hydrogen sulphide formation reduces cisplatin-induced renal damage. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 479-488. | 0.7 | 42 |
| 89 | Determination of 17 potential endocrine-disrupting chemicals in human saliva by dispersive liquid-liquid microextraction and liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2019, 196, 271-276. | 5.5 | 42 |
| 90 | Mercury speciation in whole blood by gas chromatography coupled to ICP-MS with a fast microwave-assisted sample preparation procedure. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 436-442. | 3.0 | 39 |

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|-----|---|-----|-----------|
| 91 | Behavioral effects of developmental methylmercury drinking water exposure in rodents. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 117-124. | 3.0 | 39 |
| 92 | Tungsten-rhodium permanent chemical modifier for lead determination in sediment slurries by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 1913-1918. | 3.0 | 38 |
| 93 | In situ trapping of selenium hydride in rhodium-coated tungsten coil electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 382-388. | 3.0 | 38 |
| 94 | Carvedilol protects against the renal mitochondrial toxicity induced by cisplatin in rats. <i>Mitochondrion</i> , 2010, 10, 46-53. | 3.4 | 38 |
| 95 | In vitro study of the neuropathic potential of the organophosphorus compounds trichlorfon and acephate. <i>Toxicology in Vitro</i> , 2015, 29, 522-528. | 2.4 | 38 |
| 96 | Blood lead and cadmium levels in preschool children and associated risk factors in São Paulo, Brazil. <i>Environmental Pollution</i> , 2018, 240, 831-838. | 7.5 | 38 |
| 97 | Cytotoxicity, mutagenicity, oxidative stress and mitochondrial impairment in human hepatoma (HepG2) cells exposed to copper oxide, copper-iron oxide and carbon nanoparticles. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109982. | 6.0 | 38 |
| 98 | Cryogenic sample grinding for copper, lead and manganese determination in human teeth by slurry sampling GFAAS. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 939-945. | 3.0 | 37 |
| 99 | Determination of total mercury in whole blood by flow injection cold vapor atomic absorption spectrometry with room temperature digestion using tetramethylammonium hydroxide. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 1000. | 3.0 | 37 |
| 100 | A simple and practical control of the authenticity of organic sugarcane samples based on the use of machine-learning algorithms and trace elements determination by inductively coupled plasma mass spectrometry. <i>Food Chemistry</i> , 2015, 184, 154-159. | 8.2 | 37 |
| 101 | Arsenic speciation in Brazilian rice grains organically and traditionally cultivated: Is there any difference in arsenic content?. <i>Food Research International</i> , 2016, 89, 169-176. | 6.2 | 37 |
| 102 | Mobile applications for accessible tourism: overview, challenges and a proposed platform. <i>Information Technology and Tourism</i> , 2018, 19, 29-59. | 5.8 | 37 |
| 103 | Whole blood, serum, and saliva lead concentrations in 6- to 8-year-old children. <i>Science of the Total Environment</i> , 2010, 408, 1551-1556. | 8.0 | 36 |
| 104 | Pollen abortion rates, nitrogen dioxide by passive diffusive tubes and bioaccumulation in tree barks are effective in the characterization of air pollution. <i>Environmental and Experimental Botany</i> , 2011, 72, 272-277. | 4.2 | 36 |
| 105 | Exploiting in situ hydride trapping in tungsten coil atomizer for Se and As determination in biological and water samples. <i>Talanta</i> , 2007, 73, 451-457. | 5.5 | 35 |
| 106 | Maternal separation effects on mother rodents'™ behaviour: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 98-109. | 6.1 | 35 |
| 107 | Low Concentrations of Selenium and Zinc in Nails are Associated with Childhood Asthma. <i>Biological Trace Element Research</i> , 2011, 144, 244-252. | 3.5 | 34 |
| 108 | Effects of genetic polymorphisms on antioxidant status and concentrations of the metals in the blood of riverside Amazonian communities co-exposed to Hg and Pb. <i>Environmental Research</i> , 2015, 138, 224-232. | 7.5 | 34 |

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|-----|--|-----|-----------|
| 109 | Trace metal levels in serum and urine of a population in southern Brazil. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 35, 61-65. | 3.0 | 34 |
| 110 | A systematic study of the disposition and metabolism of mercury species in mice after exposure to low levels of thimerosal (ethylmercury). <i>Environmental Research</i> , 2014, 134, 218-227. | 7.5 | 33 |
| 111 | Monitoring the authenticity of organic rice via chemometric analysis of elemental data. <i>Food Research International</i> , 2015, 77, 299-309. | 6.2 | 33 |
| 112 | A fast-multiclass method for the determination of 21 endocrine disruptors in human urine by using vortex-assisted dispersive liquid-liquid microextraction (VADLLME) and LC-MS/MS. <i>Environmental Research</i> , 2020, 189, 109883. | 7.5 | 33 |
| 113 | Determination of Essential (Ca, Fe, I, K, Mo) and Toxic Elements (Hg, Pb) in Brazilian Rice Grains and Estimation of Reference Daily Intake. <i>Food and Nutrition Sciences (Print)</i> , 2012, 03, 129-134. | 0.4 | 33 |
| 114 | Effect of different cleansers on the weight and ion release of removable partial denture: an in vitro study. <i>Journal of Applied Oral Science</i> , 2011, 19, 483-487. | 1.8 | 32 |
| 115 | Protective Effects of the Flavonoid Chrysin against Methylmercury-Induced Genotoxicity and Alterations of Antioxidant Status, <i>In Vivo</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-7. | 4.0 | 32 |
| 116 | Cadmium exposure activates NADPH oxidase, renin-angiotensin system and cyclooxygenase 2 pathways in arteries, inducing hypertension and vascular damage. <i>Toxicology Letters</i> , 2020, 333, 80-89. | 0.8 | 32 |
| 117 | Consumption of Brazil nuts with high selenium levels increased inflammation biomarkers in obese women: A randomized controlled trial. <i>Nutrition</i> , 2019, 63-64, 162-168. | 2.4 | 31 |
| 118 | Exposure to per- and polyfluorinated alkyl substances in pregnant Brazilian women and its association with fetal growth. <i>Environmental Research</i> , 2020, 187, 109585. | 7.5 | 31 |
| 119 | Occurrence and abundance of clinically relevant antimicrobial resistance genes in environmental samples after the Brumadinho dam disaster, Brazil. <i>Science of the Total Environment</i> , 2020, 726, 138100. | 8.0 | 31 |
| 120 | eNOS genotype-dependent correlation between whole blood lead and plasma nitric oxide products concentrations. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 14, 58-64. | 2.7 | 30 |
| 121 | Pre and post-natal exposure to ambient level of air pollution impairs memory of rats: the role of oxidative stress. <i>Inhalation Toxicology</i> , 2010, 22, 910-918. | 1.6 | 30 |
| 122 | Background Values for Essential and Toxic Elements in Children's Nails and Correlation with Hair Levels. <i>Biological Trace Element Research</i> , 2011, 144, 339-350. | 3.5 | 30 |
| 123 | Exposure to heavy metals due to pesticide use by vineyard farmers. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 875-880. | 2.3 | 30 |
| 124 | Direct determination of selenium in whole blood by electrothermal atomic absorption spectrometry using W-Rh-coated platform and co-injection of Rh as thermal stabilizer. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 291-301. | 2.9 | 29 |
| 125 | Fluoride increases lead concentrations in whole blood and in calcified tissues from lead-exposed rats. <i>Toxicology</i> , 2010, 271, 21-26. | 4.2 | 29 |
| 126 | Evaluation of the Concentration of Nonessential and Essential Elements in Chicken, Pork, and Beef Samples Produced in Brazil. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 1269-1279. | 2.3 | 29 |

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|-----|--|-----|-----------|
| 127 | The Use of Decision Trees and Naïve Bayes Algorithms and Trace Element Patterns for Controlling the Authenticity of Free-Range Pastured Hens TM Eggs. <i>Journal of Food Science</i> , 2014, 79, C1672-7. | 3.1 | 29 |
| 128 | Ferroptosis as a mechanism of non-ferrous metal toxicity. <i>Archives of Toxicology</i> , 2022, 96, 2391-2417. | 4.2 | 28 |
| 129 | Evaluation of the genotoxic and anti-genotoxic activities of Silybin in human hepatoma cells (HepG2). <i>Mutagenesis</i> , 2010, 25, 223-229. | 2.6 | 27 |
| 130 | Evaluation of Seasonal Dietary Exposure to Arsenic, Cadmium and Lead in Schoolchildren Through the Analysis of Meals Served by Public Schools of Ribeirão Preto, Brazil. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 367-374. | 2.3 | 27 |
| 131 | Antioxidant CoQ10 Restores Fertility by Rescuing Bisphenol A-Induced Oxidative DNA Damage in the <i>Caenorhabditis elegans</i> Germline. <i>Genetics</i> , 2020, 214, 381-395. | 2.9 | 27 |
| 132 | Matrix Metalloproteinase-9 Activity in Plasma Correlates with Plasma and Whole Blood Lead Concentrations. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2006, 98, 559-564. | 2.5 | 26 |
| 133 | The Relationship between Blood and Serum Lead Levels in Peripartum Women and their Respective Umbilical Cords. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 107, 971-975. | 2.5 | 26 |
| 134 | A perspective of mitochondrial dysfunction in rats treated with silver and titanium nanoparticles (AgNPs and TiNPs). <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 47, 63-69. | 3.0 | 26 |
| 135 | In vitro enantioselective study of the toxicokinetic effects of chiral fungicide tebuconazole in human liver microsomes. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 96-105. | 6.0 | 26 |
| 136 | Evaluation of toxic effects of a diet containing fish contaminated with methylmercury in rats mimicking the exposure in the Amazon riverside population. <i>Environmental Research</i> , 2011, 111, 1074-1082. | 7.5 | 25 |
| 137 | Lead contents in the surface enamel of primary and permanent teeth, whole blood, serum, and saliva of 6- to 8-year-old children. <i>Science of the Total Environment</i> , 2011, 409, 1799-1805. | 8.0 | 25 |
| 138 | Water temperature and acid pH influence the cytotoxic and genotoxic effects of aluminum in the freshwater teleost <i>Astyanax altiparanae</i> (Teleostei: Characidae). <i>Chemosphere</i> , 2019, 220, 266-274. | 8.2 | 25 |
| 139 | An interethnic comparison of the distribution of vitamin D receptor genotypes and haplotypes. <i>Clinica Chimica Acta</i> , 2007, 384, 155-159. | 1.1 | 24 |
| 140 | Evaluation of Glutathione S-transferase GSTM1 and GSTT1 Polymorphisms and Methylmercury Metabolism in an Exposed Amazon Population. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 960-970. | 2.3 | 24 |
| 141 | RARE EARTH ELEMENTS IN CITRUS PRODUCTION SYSTEMS. <i>Journal of Plant Nutrition</i> , 2013, 36, 762-771. | 1.9 | 24 |
| 142 | Toxic risks and nutritional benefits of traditional diet on near visual contrast sensitivity and color vision in the Brazilian Amazon. <i>NeuroToxicology</i> , 2013, 37, 173-181. | 3.0 | 24 |
| 143 | Açaí (<i>Euterpe oleracea</i> Mart.): A Tropical Fruit with High Levels of Essential Minerals—Especially Manganese—and its Contribution as a Source of Natural Mineral Supplementation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 80-89. | 2.3 | 24 |
| 144 | Long-Term Excessive Selenium Supplementation Induces Hypertension in Rats. <i>Biological Trace Element Research</i> , 2018, 182, 70-77. | 3.5 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Zinc and selenium status in critically ill patients according to severity stratification. <i>Nutrition</i> , 2018, 45, 85-89. | 2.4 | 24 |
| 146 | High blood lead levels are associated with lead concentrations in households and day care centers attended by Brazilian preschool children. <i>Environmental Pollution</i> , 2018, 239, 681-688. | 7.5 | 24 |
| 147 | Evaluation of the enantioselective in vitro metabolism of the chiral pesticide fipronil employing a human model: Risk assessment through in vitro-in vivo correlation and prediction of toxicokinetic parameters. <i>Food and Chemical Toxicology</i> , 2019, 123, 225-232. | 3.6 | 24 |
| 148 | Contrasting effects of age on the plasma/whole blood lead ratio in men and women with a history of lead exposure. <i>Environmental Research</i> , 2006, 102, 90-95. | 7.5 | 23 |
| 149 | A plateau detected in lead accumulation in subsurface deciduous enamel from individuals exposed to lead may be useful to identify children and regions exposed to higher levels of lead. <i>Environmental Research</i> , 2008, 107, 264-270. | 7.5 | 23 |
| 150 | A common matrix metalloproteinase (MMP)-2 polymorphism affects plasma MMP-2 levels in subjects environmentally exposed to mercury. <i>Science of the Total Environment</i> , 2011, 409, 4242-4246. | 8.0 | 23 |
| 151 | Bixin and norbixin protect against DNA damage and alterations of redox status induced by methylmercury exposure in vivo. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 535-541. | 2.2 | 23 |
| 152 | Determination of trace elements in bovine semen samples by inductively coupled plasma mass spectrometry and data mining techniques for identification of bovine class. <i>Journal of Dairy Science</i> , 2012, 95, 7066-7073. | 3.4 | 23 |
| 153 | Influence of HIV infection and the use of antiretroviral therapy on selenium and selenomethionine concentrations and antioxidant protection. <i>Nutrition</i> , 2016, 32, 1238-1242. | 2.4 | 23 |
| 154 | Ethnicity affects the distribution of δ -aminolevulinic acid dehydratase (ALAD) genetic variants. <i>Clinica Chimica Acta</i> , 2006, 367, 192-195. | 1.1 | 22 |
| 155 | Trace element levels in whole blood of riparian villagers of the Brazilian Amazon. <i>Science of the Total Environment</i> , 2009, 407, 4168-4173. | 8.0 | 22 |
| 156 | Evidence of early involvement of matrix metalloproteinase-2 in lead-induced hypertension. <i>Archives of Toxicology</i> , 2009, 83, 439-449. | 4.2 | 22 |
| 157 | Effect of modifiers for As, Cu and Pb determinations in sugar-cane spirits by GF AAS. <i>Food Chemistry</i> , 2009, 113, 1266-1271. | 8.2 | 22 |
| 158 | Rapid sample preparation procedure for As speciation in food samples by LC-ICP-MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 780-788. | 2.3 | 22 |
| 159 | Manioc Flour Consumption as a Risk Factor for Lead Poisoning in the Brazilian Amazon. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 206-216. | 2.3 | 22 |
| 160 | Iodine Nutritional Status in Schoolchildren from Public Schools in Brazil: A Cross-Sectional Study Exposes Association with Socioeconomic Factors and Food Insecurity. <i>Thyroid</i> , 2016, 26, 972-979. | 4.5 | 22 |
| 161 | Genes Involved in the Enamel Development Are Associated with Calcium and Phosphorus Level in Saliva. <i>Caries Research</i> , 2017, 51, 225-230. | 2.0 | 22 |
| 162 | Construction and performance of the barrel electromagnetic calorimeter for the GlueX experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 896, 24-42. | 1.6 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Evaluation of Toxic Metals and Essential Elements in Children with Learning Disabilities from a Rural Area of Southern Brazil. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10806-10823. | 2.6 | 21 |
| 164 | Identification of species of the Euterpe genus by rare earth elements using inductively coupled plasma mass spectrometry and linear discriminant analysis. <i>Food Chemistry</i> , 2014, 153, 334-339. | 8.2 | 21 |
| 165 | Lead exposure is related to hypercortisolemic profiles and allostatic load in Brazilian older adults. <i>Environmental Research</i> , 2017, 154, 261-268. | 7.5 | 21 |
| 166 | Genetic variants in selenoprotein genes modulate biomarkers of selenium status in response to Brazil nut supplementation (the SU.BRA.NUT study). <i>Clinical Nutrition</i> , 2019, 38, 539-548. | 5.0 | 21 |
| 167 | Environmental Exposure to Methylmercury is Associated with a Decrease in Nitric Oxide Production. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 411-415. | 2.5 | 20 |
| 168 | Reference Values of Lead in Blood and Related Factors Among Blood Donors in the Western Amazon, Brazil. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 426-440. | 2.3 | 20 |
| 169 | Genetic Polymorphisms in Glutathione (GSH-) Related Genes Affect the Plasmatic Hg/Whole Blood Hg Partitioning and the Distribution between Inorganic and Methylmercury Levels in Plasma Collected from a Fish-Eating Population. <i>BioMed Research International</i> , 2014, 2014, 1-8. | 1.9 | 20 |
| 170 | The Coadministration of N-Acetylcysteine Ameliorates the Effects of Arsenic Trioxide on the Male Mouse Genital System. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11. | 4.0 | 20 |
| 171 | Monitoring the Authenticity of Organic Grape Juice via Chemometric Analysis of Elemental Data. <i>Food Analytical Methods</i> , 2016, 9, 362-369. | 2.6 | 20 |
| 172 | Trace element levels in blood and associated factors in adults living in the metropolitan area of São Paulo, Brazil. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 307-314. | 3.0 | 20 |
| 173 | The impact of occupational exposure to traffic-related air pollution among professional motorcyclists from Porto Alegre, Brazil, and its association with genetic and oxidative damage. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18620-18631. | 5.3 | 20 |
| 174 | Long-term exposure to bisphenol A or S promotes glucose intolerance and changes hepatic mitochondrial metabolism in male Wistar rats. <i>Food and Chemical Toxicology</i> , 2019, 132, 110694. | 3.6 | 20 |
| 175 | An eco-friendly sample preparation procedure base on low-density solvent-based air-assisted liquid-liquid microextraction for the simultaneous determination of 21 potential endocrine disruptors in urine samples by liquid chromatography-tandem mass spectrometry. <i>Microchemical Journal</i> , 2019, 147, 207-214. | 4.5 | 20 |
| 176 | Gold-Coated Superparamagnetic Iron Oxide Nanoparticles Attenuate Collagen-Induced Arthritis after Magnetic Targeting. <i>Biological Trace Element Research</i> , 2020, 194, 502-513. | 3.5 | 20 |
| 177 | Determination of mercury in refined beet sugar by anodic stripping voltammetry without sample pretreatment. <i>Food Chemistry</i> , 2001, 74, 527-531. | 8.2 | 19 |
| 178 | Effect of diabetes on biodistribution, nephrotoxicity and antitumor activity of cisplatin in mice. <i>Chemico-Biological Interactions</i> , 2015, 229, 119-131. | 4.0 | 19 |
| 179 | A fast and environment-friendly method for determination of chemical oxygen demand by using the heterogeneous Fenton-like process (H ₂ O ₂ /Fe ³⁺ /CoxO ₄ nanoparticles) as an oxidant. <i>Talanta</i> , 2015, 135, 75-80. | 5.5 | 19 |
| 180 | Correlations among antiangiogenic factors and trace elements in hypertensive disorders of pregnancy. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 130-135. | 3.0 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Polymorphism of Metallothionein 2A Modifies Lead Body Burden in Workers Chronically Exposed to the Metal. <i>Public Health Genomics</i> , 2016, 19, 47-52. | 1.0 | 19 |
| 182 | Evaluation of uptake, translocation, and accumulation of arsenic species by six different Brazilian rice (<i>Oryza sativa</i> L.) cultivars. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 376-382. | 6.0 | 19 |
| 183 | The use of a W-Rh permanent modifier for direct determination of bismuth in urine and whole blood by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 842-846. | 3.0 | 18 |
| 184 | Mercury Exposure Increases Circulating Net Matrix Metalloproteinase (MMP)â€² and MMPâ€³ Activities. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 281-288. | 2.5 | 18 |
| 185 | Intron 4 polymorphism of the endothelial nitric oxide synthase (eNOS) gene is associated with decreased NO production in a mercury-exposed population. <i>Science of the Total Environment</i> , 2012, 414, 708-712. | 8.0 | 18 |
| 186 | Reproductive dysfunction after mercury exposure at low levels: evidence for a role of glutathione peroxidase (GPx) 1 and GPx4 in male rats. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1803. | 0.4 | 18 |
| 187 | Risk assessment of 22 chemical elements in dry and canned pet foods. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2018, 13, 359-365. | 1.4 | 18 |
| 188 | Oral exposure to methylmercury modifies the prostatic microenvironment in adult rats. <i>International Journal of Experimental Pathology</i> , 2012, 93, 354-360. | 1.3 | 17 |
| 189 | Impact of antiretroviral therapy on bone metabolism markers in HIV-seropositive patients. <i>Bone</i> , 2013, 57, 62-67. | 2.9 | 17 |
| 190 | Essential and Nonessential Element Translocation in Corn Cultivated Under Sewage Sludge Application and Associated Health Risk. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1. | 2.4 | 17 |
| 191 | Effects of Lead Exposure and Genetic Polymorphisms on ALAD and GPx Activities in Brazilian Battery Workers. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 1073-1081. | 2.3 | 17 |
| 192 | Protective effects of niacin against methylmercury-induced genotoxicity and alterations in antioxidant status in rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 174-183. | 2.3 | 17 |
| 193 | Baru Almonds Increase the Activity of Glutathione Peroxidase in Overweight and Obese Women: A Randomized, Placebo-Controlled Trial. <i>Nutrients</i> , 2019, 11, 1750. | 4.1 | 17 |
| 194 | Mercury and cancer: Where are we now after two decades of research?. <i>Food and Chemical Toxicology</i> , 2022, 164, 113001. | 3.6 | 17 |
| 195 | A functional matrix metalloproteinase (MMP)-9 polymorphism modifies plasma MMP-9 levels in subjects environmentally exposed to mercury. <i>Science of the Total Environment</i> , 2010, 408, 4085-4092. | 8.0 | 16 |
| 196 | Should we measure serum or plasma lead concentrations?. <i>Journal of Trace Elements in Medicine and Biology</i> , 2010, 24, 147-151. | 3.0 | 16 |
| 197 | Bone metabolism dysfunction mediated by the increase of proinflammatory cytokines in chronic HIV infection. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 234-242. | 2.7 | 16 |
| 198 | Chrysin Administration Protects against Oxidative Damage in Varicocele-Induced Adult Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12. | 4.0 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Pre-clinical evaluation of quinoxaline-derived chalcones in tuberculosis. PLoS ONE, 2018, 13, e0202568. | 2.5 | 16 |
| 200 | Brazil nut intake increases circulating miR-454-3p and miR-584-5p in obese women. Nutrition Research, 2019, 67, 40-52. | 2.9 | 16 |
| 201 | Edible weeds: Are urban environments fit for foraging?. Science of the Total Environment, 2020, 698, 133967. | 8.0 | 16 |
| 202 | Application of Tungsten-Rhodium Permanent Chemical Modifier in Slurry Analysis: Determination of Cadmium. Mikrochimica Acta, 2000, 134, 113-121. | 5.0 | 15 |
| 203 | Visual acuity in fish consumers of the Brazilian Amazon: risks and benefits from local diet. Public Health Nutrition, 2011, 14, 2236-2244. | 2.2 | 15 |
| 204 | Arsenic biotransformation by cyanobacteria from mining areas: evidences from culture experiments. Environmental Science and Pollution Research, 2015, 22, 18607-18615. | 5.3 | 15 |
| 205 | Arsenic-induced responses in <i>Pityrogramma calomelanos</i> (L.) Link: Arsenic speciation, mineral nutrition and antioxidant defenses. Plant Physiology and Biochemistry, 2015, 97, 28-35. | 5.8 | 15 |
| 206 | <i>Chrysobalanus icaco</i> L. fruits inhibit NADPH oxidase complex and protect DNA against doxorubicin-induced damage in Wistar male rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 885-893. | 2.3 | 15 |
| 207 | Association between heavy metal exposure and poor working memory and possible mediation effect of antioxidant defenses during aging. Science of the Total Environment, 2017, 575, 750-757. | 8.0 | 15 |
| 208 | Direct analysis of benzo[<i>a</i>]pyrene metabolites with strong overlapping in both the spectral and lifetime domains. Microchemical Journal, 2018, 137, 51-61. | 4.5 | 15 |
| 209 | Adaptive epigenetic response of glutathione (GSH)-related genes against lead (Pb)-induced toxicity, in individuals chronically exposed to the metal. Chemosphere, 2021, 269, 128758. | 8.2 | 15 |
| 210 | Levels of phthalates and bisphenol in toys from Brazilian markets: Migration rate into children's saliva and daily exposure. Science of the Total Environment, 2022, 828, 154486. | 8.0 | 15 |
| 211 | Dipyridamole increases the cytotoxicity of cisplatin in human larynx cancer cells in vitro. Brazilian Journal of Medical and Biological Research, 2004, 37, 591-599. | 1.5 | 14 |
| 212 | Toxic and essential elements in conventional and home-produced eggs by ICP-MS analysis. Food Additives and Contaminants: Part B Surveillance, 2013, 6, 30-35. | 2.8 | 14 |
| 213 | Phytoremediation Potential of Manã-j-Cubiu (<i>Solanum sessiliflorum</i> Dunal) for the Deleterious Effects of Methylmercury on the Reproductive System of Rats. BioMed Research International, 2014, 2014, 1-9. | 1.9 | 14 |
| 214 | Evaluation of macro- and microelement levels for verifying the authenticity of organic eggs by using chemometric techniques. Analytical Methods, 2015, 7, 2577-2584. | 2.7 | 14 |
| 215 | A brain proteome profile in rats exposed to methylmercury or thimerosal (ethylmercury). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 502-512. | 2.3 | 14 |
| 216 | Evaluation of DNA Methylation Changes and Micronuclei in Workers Exposed to a Construction Environment. International Journal of Environmental Research and Public Health, 2019, 16, 902. | 2.6 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 217 | Global liver proteomic analysis of Wistar rats chronically exposed to low-levels of bisphenol A and S. <i>Environmental Research</i> , 2020, 182, 109080. | 7.5 | 14 |
| 218 | Characterization of Cabernet Sauvignon wines from California: determination of origin based on ICP-MS analysis and machine learning techniques. <i>European Food Research and Technology</i> , 2020, 246, 1193-1205. | 3.3 | 14 |
| 219 | Levels of polybrominated diphenyl ethers in Brazilian food of animal origin and estimation of human dietary exposure. <i>Food and Chemical Toxicology</i> , 2021, 150, 112040. | 3.6 | 14 |
| 220 | Determination of the Effects of eNOS Gene Polymorphisms (T-786C and Glu298Asp) on Nitric Oxide Levels in a Methylmercury-Exposed Population. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 1323-1333. | 2.3 | 13 |
| 221 | Gold nanorods for surface Plasmon resonance detection of mercury (II) in flow injection analysis. <i>Talanta</i> , 2014, 128, 196-202. | 5.5 | 13 |
| 222 | Parallel Factor Analysis of 4.2 K Excitation Emission Matrices for the Direct Determination of Dibenzopyrene Isomers in Coal-Tar Samples with a Cryogenic Fiber-Optic Probe Coupled to a Commercial Spectrofluorimeter. <i>Analytical Chemistry</i> , 2015, 87, 5232-5239. | 6.5 | 13 |
| 223 | Adsorption of arsenic from water and its recovery as a highly active photocatalyst. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21969-21979. | 5.3 | 13 |
| 224 | A low-cost and environmentally-friendly potential procedure for inorganic-As remediation based on the use of fungi isolated from rice rhizosphere. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 891-898. | 6.7 | 13 |
| 225 | Ascorbic acid supplementation partially prevents the delayed reproductive development in juvenile male rats exposed to rosuvastatin since prepuberty. <i>Reproductive Toxicology</i> , 2017, 73, 328-338. | 2.9 | 13 |
| 226 | Establishing chemical profiling for ecstasy tablets based on trace element levels and support vector machine. <i>Neural Computing and Applications</i> , 2018, 30, 947-955. | 5.6 | 13 |
| 227 | Polymorphisms of genes related to metabolism of lead (Pb) are associated with the metal body burden and with biomarkers of oxidative stress. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 836, 42-46. | 1.7 | 13 |
| 228 | Vitamin D receptor haplotypes affect lead levels during pregnancy. <i>Science of the Total Environment</i> , 2010, 408, 4955-4960. | 8.0 | 12 |
| 229 | Possíveis efeitos do cobre sanguíneo sobre parâmetros hematológicos em idosas. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2010, 46, 463-470. | 0.3 | 12 |
| 230 | Excess ioduria in infants and its relation to the iodine in maternal milk. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 221-225. | 3.0 | 12 |
| 231 | In vitro study of the neuropathic potential of the organophosphorus compounds fenamiphos and profenofos: Comparison with mipafox and paraoxon. <i>Toxicology in Vitro</i> , 2015, 29, 1079-1087. | 2.4 | 12 |
| 232 | Niacin prevents mitochondrial oxidative stress caused by sub-chronic exposure to methylmercury. <i>Drug and Chemical Toxicology</i> , 2020, 43, 64-70. | 2.3 | 12 |
| 233 | Are fingernail lead levels a reliable biomarker of lead internal dose?. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126576. | 3.0 | 12 |
| 234 | Evaluation of bisphenol A levels in Nigerian thermal receipts and estimation of daily dermal exposure. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37645-37649. | 5.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 235 | Association between creatine kinase activity, oxidative stress and selenoproteins mRNA expression changes after Brazil nut consumption of patients using statins. <i>Clinical Nutrition</i> , 2020, 39, 3175-3181. | 5.0 | 12 |
| 236 | Association Between miR-148a and DNA Methylation Profile in Individuals Exposed to Lead (Pb). <i>Frontiers in Genetics</i> , 2021, 12, 620744. | 2.3 | 12 |
| 237 | Urinary levels of monohydroxylated polycyclic aromatic hydrocarbons in Brazilian children and health risk assessment: a human biomonitoring-based study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 47298-47309. | 5.3 | 12 |
| 238 | A critical review of biomarkers used for monitoring human exposure to lead: advantages, limitations and future needs. <i>Ciencia E Saude Coletiva</i> , 2006, 11, 229-241. | 0.5 | 11 |
| 239 | Characterization of <i>Serratia marcescens</i> isolates from subgingival biofilm, extraoral infections and environment by prodigiosin production, serotyping, and genotyping. <i>Oral Microbiology and Immunology</i> , 2006, 21, 53-60. | 2.8 | 11 |
| 240 | Antigenotoxic Properties of Chlorophyll b Against Cisplatin-Induced DNA Damage and its Relationship with Distribution of Platinum and Magnesium In Vivo. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 345-353. | 2.3 | 11 |
| 241 | Evaluation of biochemical and redox parameters in rats fed with corn grown in soil amended with urban sewage sludge. <i>Ecotoxicology and Environmental Safety</i> , 2013, 95, 188-194. | 6.0 | 11 |
| 242 | Lead concentrations in whole blood, serum, saliva and house dust in samples collected at two time points (12 months apart) in Santo Amaro, BA, Brazil. <i>Environmental Research</i> , 2015, 142, 337-344. | 7.5 | 11 |
| 243 | Sexual differentiation and reproductive development of female rat offspring after paternal exposure to the anti-tumor pharmaceutical cisplatin. <i>Reproductive Toxicology</i> , 2016, 60, 112-122. | 2.9 | 11 |
| 244 | Gender influence on manganese induced depression-like behavior and Mn and Fe deposition in different regions of CNS and excretory organs in intraperitoneally exposed rats. <i>Toxicology</i> , 2017, 376, 137-145. | 4.2 | 11 |
| 245 | Multielement determination in orange juice by ICP-MS associated with data mining for the classification of organic samples. <i>Information Processing in Agriculture</i> , 2017, 4, 199-205. | 4.1 | 11 |
| 246 | Distribution of arsenic and oxidative stress in mice after rice ingestion. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 192-200. | 3.0 | 11 |
| 247 | Elemental chemical composition and As speciation in rice varieties selected for biofortification. <i>Analytical Methods</i> , 2020, 12, 2102-2113. | 2.7 | 11 |
| 248 | Genetically determined variations of selenoprotein P are associated with antioxidant, muscular, and lipid biomarkers in response to Brazil nut consumption by patients using statins. <i>British Journal of Nutrition</i> , 2022, 127, 679-686. | 2.3 | 11 |
| 249 | Genetic Effects of eNOS Polymorphisms on Biomarkers Related to Cardiovascular Status in a Population Coexposed to Methylmercury and Lead. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 173-180. | 4.1 | 10 |
| 250 | Room temperature fluorescence spectroscopy of benzo[a]pyrene metabolites on octadecyl extraction membranes. <i>Microchemical Journal</i> , 2016, 129, 83-89. | 4.5 | 10 |
| 251 | Elemental fingerprint profiling with multivariate data analysis to classify organic chocolate samples. <i>Journal of Chemometrics</i> , 2018, 32, e3036. | 1.3 | 10 |
| 252 | Endocrine disrupting chemicals associated with dry eye syndrome. <i>Ocular Surface</i> , 2020, 18, 487-493. | 4.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 253 | Geological and taphonomic significance of electron spin resonance (ESR) ages of Middle-Late Pleistocene marine shells from barrier-lagoon systems of Southern Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 101, 102605. | 1.4 | 10 |
| 254 | Simultaneous determination of Fe and Zn in dried blood spot by HR-CS GF AAS using solid sampling. <i>Microchemical Journal</i> , 2021, 160, 105637. | 4.5 | 10 |
| 255 | Fundão tailings dam failure in Brazil: Evidence of a population exposed to high levels of Al, As, Hg, and Ni after a human biomonitoring study. <i>Environmental Research</i> , 2022, 205, 112524. | 7.5 | 10 |
| 256 | Assessment of How Pregnancy Modifies Plasma Lead and Plasma/Whole Blood Lead Ratio in ALAD 1-1 Genotype Women. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 347-351. | 2.5 | 9 |
| 257 | In vitro gastrointestinal digestion to evaluate the total, bioaccessible and bioavailable concentrations of iron and manganese in açaí (Euterpe oleracea Mart.) pulps. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 53, 27-33. | 3.0 | 9 |
| 258 | Association of Urinary and Blood Concentrations of Heavy Metals with Measures of Bone Mineral Density Loss: a Data Mining Approach with the Results from the National Health and Nutrition Examination Survey. <i>Biological Trace Element Research</i> , 2021, 199, 92-101. | 3.5 | 9 |
| 259 | Evaluating the risk of manganese-induced neurotoxicity of parenteral nutrition: review of the current literature. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 581-593. | 3.3 | 9 |
| 260 | Evaluation by ICP-MS of Essential, Nonessential and Toxic Elements in Brazilian Fish and Seafood Samples. <i>Food and Nutrition Sciences (Print)</i> , 2012, 03, 1252-1260. | 0.4 | 9 |
| 261 | Subacute Chronic Exposure to Methylmercury at Low Levels Decreases Butyrylcholinesterase Activity in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 95-99. | 2.5 | 8 |
| 262 | Blood antioxidant nutrients in riparian villagers of the Brazilian Amazon: its associations with wet/dry seasons and modulation by sociodemographic determinants. <i>Cadernos Saude Coletiva</i> , 2016, 24, 21-31. | 0.6 | 8 |
| 263 | Monitoring an outdoor smoking area by means of PM2.5 measurement and vegetal biomonitoring. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21187-21194. | 5.3 | 8 |
| 264 | Using Cluster Analysis and ICP-MS to Identify Groups of Ecstasy Tablets in Sao Paulo State, Brazil. <i>Journal of Forensic Sciences</i> , 2017, 62, 1479-1486. | 1.6 | 8 |
| 265 | Milk and Dairy Products Intake Is Associated with Low Levels of Lead (Pb) in Workers highly Exposed to the Metal. <i>Biological Trace Element Research</i> , 2017, 178, 29-35. | 3.5 | 8 |
| 266 | Arsenic speciation in rice consumed in south-western Nigeria, and estimation of dietary intake of arsenic species through rice consumption. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 999-1006. | 1.2 | 8 |
| 267 | Phospholipids modifications in human hepatoma cell lines (HepG2) exposed to silver and iron oxide nanoparticles. <i>Archives of Toxicology</i> , 2020, 94, 2625-2636. | 4.2 | 8 |
| 268 | Taurine as a possible antiaging therapy: A controlled clinical trial on taurine antioxidant activity in women ages 55 to 70. <i>Nutrition</i> , 2022, 101, 111706. | 2.4 | 8 |
| 269 | Silver Discharged in Effluents from Image-Processing Services: a Risk to Human and Environmental Health. <i>Biological Trace Element Research</i> , 2011, 144, 316-326. | 3.5 | 7 |
| 270 | Serum cadmium levels in a sample of blood donors in the Western Amazon, Brazil, 2010-2011. <i>Cadernos De Saude Publica</i> , 2014, 30, 403-414. | 1.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 271 | In vivo assessment of the cytotoxic, genotoxic and antigenotoxic potential of manÃ1-cubiu (Solanum) Tj ETQq1 1 0,784314 rgBT /Ove | 6.2 | 7 |
| 272 | Combining Cryogenic Fiber Optic Probes with Commercial Spectrofluorimeters for the Synchronous Fluorescence Shpol'skii Spectroscopy of High Molecular Weight Polycyclic Aromatic Hydrocarbons. Applied Spectroscopy, 2014, 68, 14-25. | 2.2 | 7 |
| 273 | A longer time of exposure to antiretroviral therapy improves selenium levels. Clinical Nutrition, 2015, 34, 248-251. | 5.0 | 7 |
| 274 | Levels and daily intake of lead (Pb) and six essential elements in gari samples from Ondo State, Southwest Nigeria: A potential risk factor of health status. Journal of Food Composition and Analysis, 2016, 45, 34-38. | 3.9 | 7 |
| 275 | Carvedilol protects the kidneys of tumor-bearing mice without impairing the biodistribution or the genotoxicity of cisplatin. Chemico-Biological Interactions, 2016, 245, 59-65. | 4.0 | 7 |
| 276 | Ascorbic acid supplementation ameliorates testicular hormonal signaling, sperm production and oxidative stress in male rats exposed to rosuvastatin during preâ€puberty. Journal of Applied Toxicology, 2019, 39, 305-321. | 2.8 | 7 |
| 277 | Changes in DNA Methylation and Gene Expression of Insulin and Obesity-Related Gene PIK3R1 after Roux-en-Y Gastric Bypass. International Journal of Molecular Sciences, 2020, 21, 4476. | 4.1 | 7 |
| 278 | Social injustice in environmental health: A call for fortitude. Environmental Research, 2021, 194, 110675. | 7.5 | 7 |
| 279 | Cytotoxicity, redox and immune status in African catfish, Clarias gariepinus (Burchell, 1822) exposed to bisphenol A (BPA) and its analogues. Environmental Science and Pollution Research, 2022, 29, 74185-74196. | 5.3 | 7 |
| 280 | ATP-Sensitive Potassium Channel Blockage Attenuates Cisplatin-Induced Renal Damage. Kidney and Blood Pressure Research, 2007, 30, 289-298. | 2.0 | 6 |
| 281 | Chemical Elements in Organic and Conventional Sweet Oranges. Biological Trace Element Research, 2011, 144, 1289-1294. | 3.5 | 6 |
| 282 | Evaluation of inductively coupled plasma mass spectrometry for determining Ca, Cu, Fe, Mg, Mn, Se and Zn in bovine semen samples using a simple sample dilution method. Journal of the Brazilian Chemical Society, 2012, 23, 573-580. | 0.6 | 6 |
| 283 | Contamination in a Brazilian River: A Risk of Exposure to Untreated Effluents. Journal of Environmental Quality, 2013, 42, 1596-1601. | 2.0 | 6 |
| 284 | Sudden deaths due to accidental intravenous injection of perfluorocarbon during MRI cranial examinations. Forensic Toxicology, 2014, 32, 323-330. | 2.4 | 6 |
| 285 | Thimerosal induces apoptotic and fibrotic changes to kidney epithelial cells<i>in vitro</i>. Environmental Toxicology, 2015, 30, 1423-1433. | 4.0 | 6 |
| 286 | Effects of perinatal exposure to n-3 polyunsaturated fatty acids and methylmercury on cerebellar and behavioral parameters in mice. Food and Chemical Toxicology, 2018, 120, 603-615. | 3.6 | 6 |
| 287 | Blood reference values for metals in a general adult population in southern Brazil. Environmental Research, 2019, 177, 108646. | 7.5 | 6 |
| 288 | A Fast and Simple Procedure for Polybrominated Diphenyl Ether Determination in Egg Samples by Using Microextraction by Packed Sorbent and Gas Chromatographyâ€Mass Spectrometry. Food Analytical Methods, 2019, 12, 1528-1535. | 2.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 289 | Risk assessment of the chiral pesticide fenamiphos in a human model: Cytochrome P450 phenotyping and inhibition studies. <i>Food and Chemical Toxicology</i> , 2020, 146, 111826. | 3.6 | 6 |
| 290 | Determination of Lead in Plastic Food Packaging by Graphite Furnace Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2015, 36, 182-186. | 1.2 | 6 |
| 291 | The impact of essential and toxic elements on cardiometabolic risk factors in adults and older people. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 72, 126991. | 3.0 | 6 |
| 292 | Macro, minor and trace elements in bovine milk from two Brazilian dairy regions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 291, 207-211. | 1.5 | 5 |
| 293 | Toxic and essential elements in Nigerian rice and estimation of dietary intake through rice consumption. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2015, 8, 1-6. | 2.8 | 5 |
| 294 | Deficiency of macro- and micronutrients induced by <i>Lentinula edodes</i> . <i>Toxicology Reports</i> , 2015, 2, 401-404. | 3.3 | 5 |
| 295 | Flow of essential elements in subcellular fractions during oxidative stress. <i>BioMetals</i> , 2017, 30, 83-96. | 4.1 | 5 |
| 296 | Finding the Most Significant Elements for the Classification of Organic Orange Leaves: A Data Mining Approach. <i>Analytical Letters</i> , 2017, 50, 2292-2307. | 1.8 | 5 |
| 297 | Heart failure, micronutrient profile, and its connection with thyroid dysfunction and nutritional status. <i>Clinical Nutrition</i> , 2019, 38, 800-805. | 5.0 | 5 |
| 298 | High levels of metals/metalloids in blood and urine of residents living in the area affected by the dam failing in Barra Longa, District, Brazil: A preliminary human biomonitoring study. <i>Environmental Toxicology and Pharmacology</i> , 2021, 83, 103566. | 4.0 | 5 |
| 299 | Evaluation of electrodeposited tungsten chemical modifier for direct determination of chromium in urine by ETAAS. <i>Microchemical Journal</i> , 2004, 78, 7-13. | 4.5 | 4 |
| 300 | Thimerosal in childhood vaccines contributes to accumulating mercury toxicity in the kidney. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1424-1447. | 1.2 | 4 |
| 301 | Toxicology of Metals and Metalloids. <i>BioMed Research International</i> , 2014, 2014, 1-2. | 1.9 | 4 |
| 302 | Trace Elements Concentration in Nails and Association with Airway Inflammation in Adolescents. <i>Biological Trace Element Research</i> , 2014, 161, 161-166. | 3.5 | 4 |
| 303 | DNA methylation changes in promoter region of CDKN2A gene in workers exposed in construction environment. <i>Biomarkers</i> , 2020, 25, 594-602. | 1.9 | 4 |
| 304 | A Fast Ultrasound-assisted Extraction Sample Preparation for Multi-elemental Determination of Contaminants in Pharmaceutical Ingredients by ICP-MS. <i>Atomic Spectroscopy</i> , 2017, 38, 165-173. | 1.2 | 4 |
| 305 | Projeto-piloto do Primeiro Inquérito Nacional de Populações Expostas a Substâncias Químicas, 2008-2009. <i>Epidemiologia E Serviços De Saude: Revista Do Sistema Unico De Saude Do Brasil</i> , 2014, 23, 553-558. | 1.0 | 4 |
| 306 | Multi-functional egg white hydrolysate prevent hypertension and vascular dysfunction induced by cadmium in rats. <i>Journal of Functional Foods</i> , 2022, 94, 105131. | 3.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 307 | Metal embryotoxicity from urban particles in Sao Paulo city: An experimental study in chicken embryos. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1385-1390. | 6.0 | 3 |
| 308 | The use of tree barks and human fingernails for monitoring metal levels in urban areas of different population densities of Porto Alegre, Brazil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2433-2441. | 5.3 | 3 |
| 309 | Metal and Metalloid-Induced Oxidative Damage: Biological Importance of Potential Antioxidants. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-2. | 4.0 | 3 |
| 310 | Trace element profile in pemphigus foliaceus and in pemphigus vulgaris patients from Southeastern Brazil. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 31-35. | 3.0 | 3 |
| 311 | Egg white hydrolysate prevents reproductive impairments induced by cadmium in rats. <i>Journal of Functional Foods</i> , 2020, 67, 103823. | 3.4 | 3 |
| 312 | Effects of native forest and human-modified land covers on the accumulation of toxic metals and metalloids in the tropical bee <i>Tetragonisca angustula</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112147. | 6.0 | 3 |
| 313 | A fast and direct determination of bisphenol S in thermal paper samples using paper spray ionization mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57288-57296. | 5.3 | 3 |
| 314 | Vitamins A and D and Zinc Affect the Leshmanicidal Activity of Canine Spleen Leukocytes. <i>Animals</i> , 2021, 11, 2556. | 2.3 | 3 |
| 315 | ARSENIC AND RICE: TOXICITY, METABOLISM, AND FOOD SAFETY. <i>Quimica Nova</i> , 2014, , . | 0.3 | 3 |
| 316 | Cell-to-cell heterogeneous association of prostate cancer with gold nanoparticles elucidated by single-cell inductively coupled plasma mass spectrometry. <i>Microchemical Journal</i> , 2022, 177, 107275. | 4.5 | 3 |
| 317 | A Cluster Analysis Methodology for the Categorization of Soil Samples for Forensic Sciences Based on Elemental Fingerprint. <i>Applied Artificial Intelligence</i> , 2022, 36, . | 3.2 | 3 |
| 318 | Chemical analysis of dairy cattle feed from Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 282, 497. | 1.5 | 2 |
| 319 | Chemical composition of bovine milk from Minas Gerais State, Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 282, 493-496. | 1.5 | 2 |
| 320 | Estresse oxidativo e micronutrientes na hanseníase. <i>Revista De Nutricao</i> , 2015, 28, 349-357. | 0.4 | 2 |
| 321 | Contaminants of Emerging Concern: From the Detection to Their Effects on Human Health. <i>BioMed Research International</i> , 2016, 2016, 1-2. | 1.9 | 2 |
| 322 | Seasonal variations, metal distribution and water quality in the Todos os Santos River, Southeastern Brazil: a multivariate analysis. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2701-2710. | 0.8 | 2 |
| 323 | Low-temperature time-resolved phosphorescence excitation emission matrices for the analysis of phenanthro-thiophenes in chromatographic fractions of complex environmental extracts. <i>Talanta</i> , 2020, 212, 120805. | 5.5 | 2 |
| 324 | Association of Salt Iodization and Urine Iodine Concentration in Schoolchildren from Public Schools in Northeast of Brazil. <i>Biological Trace Element Research</i> , 2021, 199, 4423-4429. | 3.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 325 | Urinary iodine and sodium concentration and thyroid status in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126805. | 3.0 | 2 |
| 326 | Determination of Bisphenol A in Paper Products by Synchronous Fluorescence Spectroscopy and Estimation of Daily Exposure. <i>Journal of the Brazilian Chemical Society</i> , 0, . | 0.6 | 2 |
| 327 | Bioavailability of iron measurement in two nutrients multiple solutions by in vitro and in vivo; a comparative methodology between methods. <i>Nutricion Hospitalaria</i> , 2013, 28, 93-9. | 0.3 | 2 |
| 328 | ASSESSMENT OF THYROID FUNCTION, IODURIA AND OXIDATIVE STRESS IN PREGNANT WOMEN. <i>Nutricion Hospitalaria</i> , 2018, 35, 1387-1393. | 0.3 | 2 |
| 329 | Novel Zinc-Related Differentially Methylated Regions in Leukocytes of Women With and Without Obesity. <i>Frontiers in Nutrition</i> , 2022, 9, 785281. | 3.7 | 2 |
| 330 | Iron (FeSo4) bioavailability in obese subjects submitted to bariatric surgery. <i>Nutricion Hospitalaria</i> , 2013, 28, 100-4. | 0.3 | 2 |
| 331 | Plasma Concentration of Essential and Toxic Trace Elements After Brazil Nut Intake: Results from a Randomized Controlled Trial. <i>Biological Trace Element Research</i> , 2023, 201, 1112-1117. | 3.5 | 2 |
| 332 | Phospholipids modifications, genotoxic and anticholinesterase effects of pepper fruit (<i>Dennettia</i>) Tj ETQq0 0 0 rgBTj Overlock 10 Tf 50 4 | 3.6 | 2 |
| 333 | A polymorphism in the delta-aminolevulinic acid dehydratase gene modifies plasma/whole blood lead ratio. <i>Toxicology Letters</i> , 2006, 164, S158. | 0.8 | 1 |
| 334 | Clinical evidence for lead-induced inhibition of nitric oxide formation. <i>Toxicology Letters</i> , 2006, 164, S159. | 0.8 | 1 |
| 335 | Zinc Supplementation: Immune Balance of Pregnancy During the Chronic Phase of the Chagas Disease. <i>Acta Parasitologica</i> , 2020, 65, 599-609. | 1.1 | 1 |
| 336 | Biomarkers of Zinc and Copper Status and Associated Factors in Outpatients with Ischemic and Non-Ischemic Heart Failure. <i>Journal of the American College of Nutrition</i> , 2022, 41, 231-239. | 1.8 | 1 |
| 337 | Low urinary selenium levels are associated with iodine deficiency in Brazilian schoolchildren and adolescents. <i>Endocrine</i> , 2021, 73, 609-616. | 2.3 | 1 |
| 338 | Calcium and Phosphorus Levels in Saliva are Influenced by Genetic Polymorphisms in Estrogen Receptor Alpha and Microrna17. <i>Brazilian Dental Journal</i> , 2020, 31, 466-470. | 1.1 | 1 |
| 339 | Biomonitoring of Exposure to Metals in a Population Residing in an Industrial Area in Brazil: A Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12455. | 2.6 | 1 |
| 340 | Chronic inflammatory diseases, subclinical atherosclerosis, and cardiovascular diseases: Design, objectives, and baseline characteristics of a prospective case-cohort study â€™ ELSA-Brasil. <i>Clinics</i> , 2022, 77, 100013. | 1.5 | 1 |
| 341 | Evaluation of electrodeposited tungsten chemical modifier for direct determination of chromium in urine by ETAAS. <i>Microchemical Journal</i> , 2004, , . | 4.5 | 0 |
| 342 | Lead concentrations in saliva of children living in two different areas of lead-exposure. <i>Toxicology Letters</i> , 2008, 180, S76-S77. | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 343 | Evaluation of human hair as a possible surrogate of whole blood and plasma to diagnose deficiency to essential elements and exposure to toxic elements. <i>Toxicology Letters</i> , 2008, 180, S88. | 0.8 | 0 |
| 344 | Preface. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 849-849. | 2.3 | 0 |
| 345 | Could selenium and omega-3 modify the oxidative damage promoted by methylmercury at low doses in rats?. <i>Toxicology Letters</i> , 2010, 196, S303. | 0.8 | 0 |
| 346 | The anti-oxidant action of carvedilol protects the kidney from cisplatin-induced nephrotoxicity but does not reduce the chemotherapeutic value of cisplatin. <i>Toxicology Letters</i> , 2011, 205, S271. | 0.8 | 0 |
| 347 | Evaluation of redox state after intramuscular administration of low doses of thimerosal in mice. <i>Free Radical Biology and Medicine</i> , 2012, 53, S215. | 2.9 | 0 |
| 348 | Current Topics in Toxicology and Environmental Health in Brazil. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 947-947. | 2.3 | 0 |
| 349 | Processing of raw rice grains (<i>Oryza sativa</i> L.) influences the concentration of arsenic species in Brazilian cultivars. <i>Arsenic in the Environment Proceedings</i> , 2014, , 455-457. | 0.0 | 0 |
| 350 | Recent developments on occupational and environmental toxicology. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 595-595. | 2.3 | 0 |
| 351 | International Meeting of Environmental Health and Toxicology (IMEHTox): Advances in Toxicology and Environmental Health in Brazil. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1049-1049. | 2.3 | 0 |
| 352 | Biomonitoring for uranium exposure among young children living in nineteen states across five regions of Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 779-785. | 1.5 | 0 |
| 353 | Analysis and correlation of urinary amino acids and nutritional status in Brazilian children. <i>FASEB Journal</i> , 2021, 35, . | 0.5 | 0 |
| 354 | Amino Acid Signature in Urine is Associated With Cardiovascular Risk in Brazilian Children. <i>FASEB Journal</i> , 2021, 35, . | 0.5 | 0 |
| 355 | Biotransformation of arsenic oxyanions by cyanobacteria from mining areas. <i>Arsenic in the Environment Proceedings</i> , 2014, , 330-332. | 0.0 | 0 |
| 356 | Arsenic species and antioxidative responses to arsenic in the silver back fern, <i>Pityrogramma calomelanos</i> (L) Link. <i>Arsenic in the Environment Proceedings</i> , 2014, , 272-274. | 0.0 | 0 |
| 357 | A SURVEY OF PARABENS IN COMMERCIAL BABY WIPES FROM BRAZIL AND ESTIMATION OF DAILY EXPOSURE. <i>Quimica Nova</i> , 0, , . | 0.3 | 0 |
| 358 | Validation and Application of a Methodology for Quantifying Levels of Parabens in Sports Supplements from Brazil Using Liquid Chromatography-Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 0, , . | 0.6 | 0 |
| 359 | Absolute telomere length in peripheral blood lymphocytes of workers exposed to construction environment. <i>International Journal of Environmental Health Research</i> , 2023, 33, 949-957. | 2.7 | 0 |