

F Barbosa

List of Publications by Year in descending order

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Version: 2024-02-01

359
papers

11,068
citations

36691

53
h-index

68831

81
g-index

371
all docs

371
docs citations

371
times ranked

13657
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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. | 1.3 | 0 |
| 2 | 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. | 1.9 | 2 |
| 3 | 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. | 1.1 | 1 |
| 4 | Genetically determined variations of <i>selenoprotein P</i> 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. | 1.2 | 11 |
| 5 | 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. | 3.7 | 10 |
| 6 | 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. | 2.3 | 3 |
| 7 | Chronic inflammatory diseases, subclinical atherosclerosis, and cardiovascular diseases: Design, objectives, and baseline characteristics of a prospective case-cohort study 'ELSA-Brasil. <i>Clinics</i> , 2022, 77, 100013. | 0.6 | 1 |
| 8 | 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. | 2.7 | 12 |
| 9 | Novel Zinc-Related Differentially Methylated Regions in Leukocytes of Women With and Without Obesity. <i>Frontiers in Nutrition</i> , 2022, 9, 785281. | 1.6 | 2 |
| 10 | Levels of phthalates and bisphenol in toys from Brazilian markets: Migration rate into children's saliva and daily exposure. <i>Science of the Total Environment</i> , 2022, 828, 154486. | 3.9 | 15 |
| 11 | A Cluster Analysis Methodology for the Categorization of Soil Samples for Forensic Sciences Based on Elemental Fingerprint. <i>Applied Artificial Intelligence</i> , 2022, 36, . | 2.0 | 3 |
| 12 | Mercury and cancer: Where are we now after two decades of research?. <i>Food and Chemical Toxicology</i> , 2022, 164, 113001. | 1.8 | 17 |
| 13 | 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. | 1.1 | 8 |
| 14 | 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. | 1.5 | 6 |
| 15 | Cytotoxicity, redox and immune status in African catfish, <i>Clarias gariepinus</i> (Burchell, 1822) exposed to bisphenol A (BPA) and its analogues. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74185-74196. | 2.7 | 7 |
| 16 | Multi-functional egg white hydrolysate prevent hypertension and vascular dysfunction induced by cadmium in rats. <i>Journal of Functional Foods</i> , 2022, 94, 105131. | 1.6 | 4 |
| 17 | Phospholipids modifications, genotoxic and anticholinesterase effects of pepper fruit (<i>Dennettia</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 1 | 1.8 | 2 |
| 18 | Ferroptosis as a mechanism of non-ferrous metal toxicity. <i>Archives of Toxicology</i> , 2022, 96, 2391-2417. | 1.9 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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. | 1.9 | 9 |
| 20 | 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. | 2.3 | 10 |
| 21 | Adaptive epigenetic response of glutathione (GSH)-related genes against lead (Pb)-induced toxicity, in individuals chronically exposed to the metal. <i>Chemosphere</i> , 2021, 269, 128758. | 4.2 | 15 |
| 22 | 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. | 1.9 | 2 |
| 23 | Association Between miR-148a and DNA Methylation Profile in Individuals Exposed to Lead (Pb). <i>Frontiers in Genetics</i> , 2021, 12, 620744. | 1.1 | 12 |
| 24 | Low urinary selenium levels are associated with iodine deficiency in Brazilian schoolchildren and adolescents. <i>Endocrine</i> , 2021, 73, 609-616. | 1.1 | 1 |
| 25 | 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. | 1.5 | 9 |
| 26 | Social injustice in environmental health: A call for fortitude. <i>Environmental Research</i> , 2021, 194, 110675. | 3.7 | 7 |
| 27 | 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. | 2.0 | 5 |
| 28 | 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. | 1.8 | 14 |
| 29 | Analysis and correlation of urinary amino acids and nutritional status in Brazilian children. <i>FASEB Journal</i> , 2021, 35, . | 0.2 | 0 |
| 30 | Amino Acid Signature in Urine is Associated With Cardiovascular Risk in Brazilian Children. <i>FASEB Journal</i> , 2021, 35, . | 0.2 | 0 |
| 31 | 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. | 2.9 | 3 |
| 32 | 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. | 2.7 | 3 |
| 33 | Vitamins A and D and Zinc Affect the Leshmanicidal Activity of Canine Spleen Leukocytes. <i>Animals</i> , 2021, 11, 2556. | 1.0 | 3 |
| 34 | 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. | 1.5 | 2 |
| 35 | 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. | 1.2 | 1 |
| 36 | Advances in "Omics" Approaches for Improving Toxic Metals/Metalloids Tolerance in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 794373. | 1.7 | 47 |

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|----|---|-----|-----------|
| 37 | Niacin prevents mitochondrial oxidative stress caused by sub-chronic exposure to methylmercury. <i>Drug and Chemical Toxicology</i> , 2020, 43, 64-70. | 1.2 | 12 |
| 38 | Maternal separation effects on mother rodents' behaviour: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 98-109. | 2.9 | 35 |
| 39 | Edible weeds: Are urban environments fit for foraging?. <i>Science of the Total Environment</i> , 2020, 698, 133967. | 3.9 | 16 |
| 40 | Rapid, sensitive and simultaneous determination of 16 endocrine-disrupting chemicals (parabens,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 sorbent combined with liquid chromatography tandem mass spectrometry (MEPS-LC-MS/MS). <i>Chemosphere</i> , 2020, 240, 124951. | 4.2 | 44 |
| 41 | Gold-Coated Superparamagnetic Iron Oxide Nanoparticles Attenuate Collagen-Induced Arthritis after Magnetic Targeting. <i>Biological Trace Element Research</i> , 2020, 194, 502-513. | 1.9 | 20 |
| 42 | 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. | 1.2 | 27 |
| 43 | Global liver proteomic analysis of Wistar rats chronically exposed to low-levels of bisphenol A and S. <i>Environmental Research</i> , 2020, 182, 109080. | 3.7 | 14 |
| 44 | 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. | 3.7 | 90 |
| 45 | 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. | 2.9 | 38 |
| 46 | 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. | 3.7 | 33 |
| 47 | 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. | 0.4 | 32 |
| 48 | DNA methylation changes in promoter region of CDKN2A gene in workers exposed in construction environment. <i>Biomarkers</i> , 2020, 25, 594-602. | 0.9 | 4 |
| 49 | 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. | 1.8 | 6 |
| 50 | Phospholipids modifications in human hepatoma cell lines (HepG2) exposed to silver and iron oxide nanoparticles. <i>Archives of Toxicology</i> , 2020, 94, 2625-2636. | 1.9 | 8 |
| 51 | Exposure to per- and polyfluorinated alkyl substances in pregnant Brazilian women and its association with fetal growth. <i>Environmental Research</i> , 2020, 187, 109585. | 3.7 | 31 |
| 52 | Are fingernail lead levels a reliable biomarker of lead internal dose?. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126576. | 1.5 | 12 |
| 53 | Zinc Supplementation: Immune Balance of Pregnancy During the Chronic Phase of the Chagas Disease. <i>Acta Parasitologica</i> , 2020, 65, 599-609. | 0.4 | 1 |
| 54 | 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. | 3.9 | 31 |

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|----|--|-----|-----------|
| 55 | Elemental chemical composition and As speciation in rice varieties selected for biofortification. <i>Analytical Methods</i> , 2020, 12, 2102-2113. | 1.3 | 11 |
| 56 | Changes in DNA Methylation and Gene Expression of Insulin and Obesity-Related Gene PIK3R1 after Roux-en-Y Gastric Bypass. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4476. | 1.8 | 7 |
| 57 | 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. | 2.7 | 12 |
| 58 | Egg white hydrolysate prevents reproductive impairments induced by cadmium in rats. <i>Journal of Functional Foods</i> , 2020, 67, 103823. | 1.6 | 3 |
| 59 | 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. | 2.3 | 12 |
| 60 | 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. | 2.9 | 2 |
| 61 | Endocrine disrupting chemicals associated with dry eye syndrome. <i>Ocular Surface</i> , 2020, 18, 487-493. | 2.2 | 10 |
| 62 | 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. | 1.6 | 14 |
| 63 | 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. | 0.6 | 10 |
| 64 | Calcium and Phosphorus Levels in Saliva are Influenced by Genetic Polymorphisms in Estrogen Receptor Alpha and Microna17. <i>Brazilian Dental Journal</i> , 2020, 31, 466-470. | 0.5 | 1 |
| 65 | Blood reference values for metals in a general adult population in southern Brazil. <i>Environmental Research</i> , 2019, 177, 108646. | 3.7 | 6 |
| 66 | Baru Almonds Increase the Activity of Glutathione Peroxidase in Overweight and Obese Women: A Randomized, Placebo-Controlled Trial. <i>Nutrients</i> , 2019, 11, 1750. | 1.7 | 17 |
| 67 | 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. | 1.8 | 20 |
| 68 | An overview of the current progress, challenges, and prospects of human biomonitoring and exposome studies. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2019, 22, 131-156. | 2.9 | 51 |
| 69 | 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. | 3.7 | 68 |
| 70 | 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. | 1.5 | 9 |
| 71 | 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. | 2.9 | 26 |
| 72 | Brazil nut intake increases circulating miR-454-3p and miR-584-5p in obese women. <i>Nutrition Research</i> , 2019, 67, 40-52. | 1.3 | 16 |

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|----|--|-----|-----------|
| 73 | 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. | 2.3 | 20 |
| 74 | A Fast and Simple Procedure for Polybrominated Diphenyl Ether Determination in Egg Samples by Using Microextraction by Packed Sorbent and Gas Chromatography-Mass Spectrometry. <i>Food Analytical Methods</i> , 2019, 12, 1528-1535. | 1.3 | 6 |
| 75 | Evaluation of DNA Methylation Changes and Micronuclei in Workers Exposed to a Construction Environment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 902. | 1.2 | 14 |
| 76 | 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. | 1.1 | 31 |
| 77 | 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. | 2.9 | 42 |
| 78 | 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. | 4.2 | 25 |
| 79 | 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. | 2.9 | 19 |
| 80 | 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. | 1.8 | 24 |
| 81 | Ascorbic acid supplementation ameliorates testicular hormonal signaling, sperm production and oxidative stress in male rats exposed to rosuvastatin during pre-puberty. <i>Journal of Applied Toxicology</i> , 2019, 39, 305-321. | 1.4 | 7 |
| 82 | 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. | 1.5 | 3 |
| 83 | 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. | 2.3 | 21 |
| 84 | Heart failure, micronutrient profile, and its connection with thyroid dysfunction and nutritional status. <i>Clinical Nutrition</i> , 2019, 38, 800-805. | 2.3 | 5 |
| 85 | Mobile applications for accessible tourism: overview, challenges and a proposed platform. <i>Information Technology and Tourism</i> , 2018, 19, 29-59. | 3.4 | 37 |
| 86 | 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. | 2.9 | 68 |
| 87 | 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. | 1.5 | 26 |
| 88 | 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. | 2.9 | 71 |
| 89 | Elemental fingerprint profiling with multivariate data analysis to classify organic chocolate samples. <i>Journal of Chemometrics</i> , 2018, 32, e3036. | 0.7 | 10 |
| 90 | 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. | 2.7 | 20 |

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|-----|---|-----|-----------|
| 91 | 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. | 4.8 | 96 |
| 92 | 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. | 0.7 | 22 |
| 93 | 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. | 3.2 | 13 |
| 94 | Long-Term Excessive Selenium Supplementation Induces Hypertension in Rats. <i>Biological Trace Element Research</i> , 2018, 182, 70-77. | 1.9 | 24 |
| 95 | Direct analysis of benzo[a]pyrene metabolites with strong overlapping in both the spectral and lifetime domains. <i>Microchemical Journal</i> , 2018, 137, 51-61. | 2.3 | 15 |
| 96 | Zinc and selenium status in critically ill patients according to severity stratification. <i>Nutrition</i> , 2018, 45, 85-89. | 1.1 | 24 |
| 97 | 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. | 0.3 | 2 |
| 98 | Metal and Metalloid-Induced Oxidative Damage: Biological Importance of Potential Antioxidants. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-2. | 1.9 | 3 |
| 99 | 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. | 0.9 | 13 |
| 100 | Blood lead and cadmium levels in preschool children and associated risk factors in São Paulo, Brazil. <i>Environmental Pollution</i> , 2018, 240, 831-838. | 3.7 | 38 |
| 101 | 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. | 3.7 | 24 |
| 102 | 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. | 0.7 | 0 |
| 103 | Risk assessment of 22 chemical elements in dry and canned pet foods. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2018, 13, 359-365. | 0.5 | 18 |
| 104 | Pre-clinical evaluation of quinoxaline-derived chalcones in tuberculosis. <i>PLoS ONE</i> , 2018, 13, e0202568. | 1.1 | 16 |
| 105 | Effects of perinatal exposure to n-3 polyunsaturated fatty acids and methylmercury on cerebellar and behavioral parameters in mice. <i>Food and Chemical Toxicology</i> , 2018, 120, 603-615. | 1.8 | 6 |
| 106 | ASSESSMENT OF THYROID FUNCTION, IODURIA AND OXIDATIVE STRESS IN PREGNANT WOMEN. <i>Nutricion Hospitalaria</i> , 2018, 35, 1387-1393. | 0.2 | 2 |
| 107 | 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. | 2.0 | 11 |
| 108 | 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. | 1.3 | 16 |

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|-----|--|-----|-----------|
| 109 | Flow of essential elements in subcellular fractions during oxidative stress. <i>BioMetals</i> , 2017, 30, 83-96. | 1.8 | 5 |
| 110 | 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. | 1.1 | 47 |
| 111 | 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. | 0.9 | 8 |
| 112 | Lead exposure is related to hypercortisolemic profiles and allostatic load in Brazilian older adults. <i>Environmental Research</i> , 2017, 154, 261-268. | 3.7 | 21 |
| 113 | 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. | 3.9 | 136 |
| 114 | Genes Involved in the Enamel Development Are Associated with Calcium and Phosphorus Level in Saliva. <i>Caries Research</i> , 2017, 51, 225-230. | 0.9 | 22 |
| 115 | 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. | 2.9 | 11 |
| 116 | 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. | 0.1 | 18 |
| 117 | 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. | 1.9 | 8 |
| 118 | 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. | 0.6 | 8 |
| 119 | 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. | 1.5 | 11 |
| 120 | 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. | 1.1 | 44 |
| 121 | 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. | 1.1 | 44 |
| 122 | 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. | 1.5 | 20 |
| 123 | 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. | 1.3 | 13 |
| 124 | Recent developments on occupational and environmental toxicology. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 595-595. | 1.1 | 0 |
| 125 | Finding the Most Significant Elements for the Classification of Organic Orange Leaves: A Data Mining Approach. <i>Analytical Letters</i> , 2017, 50, 2292-2307. | 1.0 | 5 |
| 126 | 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. | 2.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Association between heavy metal exposure and poor working memory and possible mediation effect of antioxidant defenses during aging. <i>Science of the Total Environment</i> , 2017, 575, 750-757. | 3.9 | 15 |
| 128 | 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. | 1.1 | 0 |
| 129 | Chrysin Administration Protects against Oxidative Damage in Varicocele-Induced Adult Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12. | 1.9 | 16 |
| 130 | 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. | 0.4 | 4 |
| 131 | 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. | 0.2 | 8 |
| 132 | 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. | 1.9 | 20 |
| 133 | Contaminants of Emerging Concern: From the Detection to Their Effects on Human Health. <i>BioMed Research International</i> , 2016, 2016, 1-2. | 0.9 | 2 |
| 134 | A brain proteome profile in rats exposed to methylmercury or thimerosal (ethylmercury). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 502-512. | 1.1 | 14 |
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