Maria Fernanda Hornos Carneiro

List of Publications by Year
in descending order

34 papers	767 citations	516215 16 h-index	525886 27 g-index
36 all docs	36 docs citations	36 times ranked	1526 citing authors

#	Article	IF	Citations
1	Gold nanoparticles: A critical review of therapeutic applications and toxicological aspects. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2016, 19, 129-148.	2.9	126
2	Arsenic, cadmium, and mercury-induced hypertension: mechanisms and epidemiological findings. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2018, 21, 61-82.	2.9	68
3	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. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 69-79.	1.1	46
4	Evaluation of distribution, redox parameters, and genotoxicity in Wistar rats co-exposed to silver and titanium dioxide nanoparticles. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 1156-1165.	1.1	44
5	Assessment of Trace Elements in Scalp Hair of a Young Urban Population in Brazil. Biological Trace Element Research, 2011, 143, 815-824.	1.9	42
6	Pollen abortion rates, nitrogen dioxide by passive diffusive tubes and bioaccumulation in tree barks are effective in the characterization of air pollution. Environmental and Experimental Botany, 2011, 72, 272-277.	2.0	36
7	Low Concentrations of Selenium and Zinc in Nails are Associated with Childhood Asthma. Biological Trace Element Research, 2011, 144, 244-252.	1.9	34
8	A systematic study of the disposition and metabolism of mercury species in mice after exposure to low levels of thimerosal (ethylmercury). Environmental Research, 2014, 134, 218-227.	3.7	33
9	Background Values for Essential and Toxic Elements in Childrenâ€™s Nails and Correlation with Hair Levels. Biological Trace Element Research, 2011, 144, 339-350.	1.9	30
10	Evaluation of the Concentration of Nonessential and Essential Elements in Chicken, Pork, and Beef Samples Produced in Brazil. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 1269-1279.	1.1	29
11	Antioxidant CoQ10 Restores Fertility by Rescuing Bisphenol A-Induced Oxidative DNA Damage in theCaenorhabditis elegansGermline. Genetics, 2020, 214, 381-395.	1.2	27
12	Long-Term Excessive Selenium Supplementation Induces Hypertension in Rats. Biological Trace Element Research, 2018, 182, 70-77.	1.9	24
13	Manioc Flour Consumption as a Risk Factor for Lead Poisoning in the Brazilian Amazon. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 206-216.	1.1	22
14	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. Environmental Science and Pollution Research, 2018, 25, 18620-18631.	2.7	20
15	Long-term exposure to bisphenol A or S promotes glucose intolerance and changes hepatic mitochondrial metabolism in male Wistar rats. Food and Chemical Toxicology, 2019, 132, 110694.	1.8	20
16	Gold-Coated Superparamagnetic Iron Oxide Nanoparticles Attenuate Collagen-Induced Arthritis after Magnetic Targeting. Biological Trace Element Research, 2020, 194, 502-513.	1.9	20
17	Risk assessment of 22 chemical elements in dry and canned pet foods. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2018, 13, 359-365.	0.5	18
18	Essential and Nonessential Element Translocation in Corn Cultivated Under Sewage Sludge Application and Associated Health Risk. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	17

#	Article	IF	Citations
19	Protective effects of niacin against methylmercury-induced genotoxicity and alterations in antioxidant status in rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 174-183.	1.1	17
20	Phytoremediation Potential of ManÃ¡-Cubiu (Solanum sessiliflorumDunal) for the Deleterious Effects of Methylmercury on the Reproductive System of Rats. BioMed Research International, 2014, 2014, 1-9.	0.9	14
21	Global liver proteomic analysis of Wistar rats chronically exposed to low-levels of bisphenol A and S. Environmental Research, 2020, 182, 109080.	3.7	14
22	Niacin prevents mitochondrial oxidative stress caused by sub-chronic exposure to methylmercury. Drug and Chemical Toxicology, 2020, 43, 64-70.	1.2	12
23	Evaluation of biochemical and redox parameters in rats fed with corn grown in soil amended with urban sewage sludge. Ecotoxicology and Environmental Safety, 2013, 95, 188-194.	2.9	11
24	Evaluation by ICP-MS of Essential, Nonessential and Toxic Elements in Brazilian Fish and Seafood Samples. Food and Nutrition Sciences (Print), 2012, 03, 1252-1260.	0.2	9
25	Monitoring an outdoor smoking area by means of PM2.5 measurement and vegetal biomonitoring. Environmental Science and Pollution Research, 2016, 23, 21187-21194.	2.7	8
26	Thimerosal induces apoptotic and fibrotic changes to kidney epithelial cellsin vitro. Environmental Toxicology, 2015, 30, 1423-1433.	2.1	6
27	Thimerosal in childhood vaccines contributes to accumulating mercury toxicity in the kidney. Toxicological and Environmental Chemistry, 2013, 95, 1424-1447.	0.6	4
28	Trace Elements Concentration in Nails and Association with Airway Inflammation in Adolescents. Biological Trace Element Research, 2014, 161, 161-166.	1.9	4
29	The use of tree barks and human fingernails for monitoring metal levels in urban areas of different population densities of Porto Alegre, Brazil. Environmental Science and Pollution Research, 2017, 24, 2433-2441.	2.7	3
30	Metal and Metalloid-Induced Oxidative Damage: Biological Importance of Potential Antioxidants. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	1.9	3
31	Effects of native forest and human-modified land covers on the accumulation of toxic metals and metalloids in the tropical bee Tetragonisca angustula. Ecotoxicology and Environmental Safety, 2021, 215, 112147.	2.9	3
32	ARSENIC AND RICE: TOXICITY, METABOLISM, AND FOOD SAFETY. Quimica Nova, 2014, , .	0.3	3
33	Evaluation of redox state after intramuscular administration of low doses of thimerosal in mice. Free Radical Biology and Medicine, 2012, 53, S215.	1.3	0
34	Lipid peroxidation in Tradescantia pallida: a new bioindicator response of air pollutants. FASEB Journal, 2008, 22, 1137.2.	0.2	0