

Gustavo Rafael Mazzaron Barcelos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2698464/publications.pdf>

Version: 2024-02-01

46
papers

1,115
citations

361045

20
h-index

414034

32
g-index

48
all docs

48
docs citations

48
times ranked

1875
citing authors

#	ARTICLE	IF	CITATIONS
1	p-syneprine induces transcriptional changes via the cAMP/PKA pathway but not cytotoxicity or mutagenicity in human gastrointestinal cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 196-212.	1.1	2
2	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
3	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
4	Evaluation of cytoprotective effects of compounds isolated from <i>Copaifera langsdorffii</i> Desf. against induced cytotoxicity by exposure to methylmercury and lead. <i>Natural Product Research</i> , 2020, 34, 2528-2532.	1.0	8
5	Analysis of the cytotoxic, genotoxic, mutagenic, and pro-oxidant effect of synephrine, a component of thermogenic supplements, in human hepatic cells in vitro. <i>Toxicology</i> , 2019, 422, 25-34.	2.0	12
6	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
7	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
8	Associations of polymorphisms in the cytokine genes IL1 β (rs16944), IL6 (rs1800795), IL12b (rs3212227) and growth factor VEGFA (rs2010963) with anthracosilicosis in coal miners in Russia and related genotoxic effects. <i>Mutagenesis</i> , 2018, 33, 129-135.	1.0	8
9	Calibration for the determination of 19 trace elements in serum and urine. <i>Toxicological and Environmental Chemistry</i> , 2018, 100, 395-412.	0.6	11
10	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
11	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
12	Protective effects of the exopolysaccharide Lasiodiplodan against DNA damage and inflammation induced by doxorubicin in rats: Cytogenetic and gene expression assays. <i>Toxicology</i> , 2017, 376, 66-74.	2.0	18
13	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
14	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
15	Long-term genotoxic effects of immunosuppressive drugs on lymphocytes of kidney transplant recipients. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 806, 47-52.	0.9	3
16	Results of micronucleus assays with individuals who are occupationally and environmentally exposed to mercury, lead and cadmium. <i>Mutation Research - Reviews in Mutation Research</i> , 2016, 770, 119-139.	2.4	61
17	Polymorphism of Metallothionein 2A Modifies Lead Body Burden in Workers Chronically Exposed to the Metal. <i>Public Health Genomics</i> , 2016, 19, 47-52.	0.6	19
18	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.	1.9	32

#	ARTICLE	IF	CITATIONS
19	Validation of a RP-HPLC-DAD Method for Chamomile (<i>Matricaria recutita</i>) Preparations and Assessment of the Marker, Apigenin-7-glucoside, Safety and Anti-Inflammatory Effect. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	27
20	Genetic Effects of eNOS Polymorphisms on Biomarkers Related to Cardiovascular Status in a Population Coexposed to Methylmercury and Lead. Archives of Environmental Contamination and Toxicology, 2015, 69, 173-180.	2.1	10
21	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. Environmental Research, 2015, 138, 224-232.	3.7	34
22	Effects of Lead Exposure and Genetic Polymorphisms on ALAD and GPx Activities in Brazilian Battery Workers. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 1073-1081.	1.1	17
23	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. BioMed Research International, 2014, 2014, 1-8.	0.9	20
24	Excision Repair Cross-Complementation group 1 (ERCC1) C118T SNP does not affect cellular response to oxaliplatin. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 759, 37-44.	0.4	11
25	Bixin protects hepatocytes against 1,2-dimethylhydrazine-induced genotoxicity but does not suppress DNA damage and pre-neoplastic lesions in the colon of Wistar rats. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2014, 759, 37-42.	0.9	8
26	Genotoxic Effects of Water from São Francisco River, Brazil, in <i>Astyanax paranae</i> . Bulletin of Environmental Contamination and Toxicology, 2014, 93, 274-279.	1.3	7
27	Processing of raw rice grains (<i>Oryza sativa</i> L.) influences the concentration of arsenic species in Brazilian cultivars. Arsenic in the Environment Proceedings, 2014, , 455-457.	0.0	0
28	Induction of nuclear anomalies in exfoliated buccal cells of coca chewers: results of a field study. Archives of Toxicology, 2013, 87, 529-534.	1.9	13
29	Polymorphisms in glutathione-related genes modify mercury concentrations and antioxidant status in subjects environmentally exposed to methylmercury. Science of the Total Environment, 2013, 463-464, 319-325.	3.9	59
30	Antigenotoxic Properties of Chlorophyll b Against Cisplatin-Induced DNA Damage and its Relationship with Distribution of Platinum and Magnesium In Vivo. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 345-353.	1.1	11
31	Dietary carotenoid lutein protects against DNA damage and alterations of the redox status induced by cisplatin in human derived HepG2 cells. Toxicology in Vitro, 2012, 26, 288-294.	1.1	44
32	Bixin and norbixin protect against DNA damage and alterations of redox status induced by methylmercury exposure in vivo. Environmental and Molecular Mutagenesis, 2012, 53, 535-541.	0.9	23
33	Evaluation of Glutathione S-transferase GSTM1 and GSTT1 Polymorphisms and Methylmercury Metabolism in an Exposed Amazon Population. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 960-970.	1.1	24
34	Evaluation of protective effects of fish oil against oxidative damage in rats exposed to methylmercury. Ecotoxicology and Environmental Safety, 2011, 74, 487-493.	2.9	42
35	Quercetin protects human-derived liver cells against mercury-induced DNA-damage and alterations of the redox status. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 726, 109-115.	0.9	45
36	Cytotoxic and mutagenic evaluation of extracts from plant species of the <i>Miconia</i> genus and their influence on doxorubicin-induced mutagenicity: An in vitro analysis. Experimental and Toxicologic Pathology, 2011, 63, 499-504.	2.1	21

#	ARTICLE	IF	CITATIONS
37	Protective properties of quercetin against DNA damage and oxidative stress induced by methylmercury in rats. Archives of Toxicology, 2011, 85, 1151-1157.	1.9	68
38	Evaluation of Antigenotoxic Effects of Plant Flavonoids Quercetin and Rutin on HepG2 Cells. Phytotherapy Research, 2011, 25, 1381-1388.	2.8	43
39	Evaluation of the genotoxic and anti-genotoxic activities of Silybin in human hepatoma cells (HepG2). Mutagenesis, 2010, 25, 223-229.	1.0	27
40	Free radical scavenging and antioxidant potential of Lutein preventing the induced DNA damage in HepG2 cells. Toxicology Letters, 2010, 196, S165.	0.4	0
41	Effect of annatto on micronuclei induction by direct and indirect mutagens in HepG2 cells. Environmental and Molecular Mutagenesis, 2009, 50, 808-814.	0.9	13
42	Low levels of methylmercury induce DNA damage in rats: protective effects of selenium. Archives of Toxicology, 2009, 83, 249-254.	1.9	68
43	Low level and sub-chronic exposure to methylmercury induces hypertension in rats: nitric oxide depletion and oxidative damage as possible mechanisms. Archives of Toxicology, 2009, 83, 653-662.	1.9	64
44	Genotoxicity and antigenotoxicity of cashew (Anacardium occidentale L.) in V79 cells. Toxicology in Vitro, 2007, 21, 1468-1475.	1.1	18
45	Evaluation of mutagenicity and antimutagenicity of cashew stem bark methanolic extract in vitro. Journal of Ethnopharmacology, 2007, 114, 268-273.	2.0	24
46	Propolis-induced genotoxicity and antigenotoxicity in Chinese hamster ovary cells. Toxicology in Vitro, 2006, 20, 1154-1158.	1.1	59