

Juliana M Serpeloni

List of Publications by Year in descending order

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41
papers

894
citations

394421

19
h-index

477307

29
g-index

44
all docs

44
docs citations

44
times ranked

1519
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Anticlastogenic activity exhibited by botryosphaeran, a new exopolysaccharide produced by <i>Botryosphaeria rhodina</i> MAMB-05. <i>International Journal of Biological Macromolecules</i> , 2008, 42, 172-177.	7.5	58
4	Mutagenic evaluation and chemical investigation of <i>Byrsonima intermedia</i> A. Juss. leaf extracts. <i>Journal of Ethnopharmacology</i> , 2007, 112, 319-326.	4.1	47
5	In vivo assessment of DNA damage and protective effects of extracts from <i>Miconia</i> species using the comet assay and micronucleus test. <i>Mutagenesis</i> , 2008, 23, 501-507.	2.6	47
6	Lutein improves antioxidant defense in vivo and protects against DNA damage and chromosome instability induced by cisplatin. <i>Archives of Toxicology</i> , 2010, 84, 811-822.	4.2	46
7	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
8	Dietary carotenoid lutein protects against DNA damage and alterations of the redox status induced by cisplatin in human derived HepG2 cells. <i>Toxicology in Vitro</i> , 2012, 26, 288-294.	2.4	44
9	Evaluation of Antigenotoxic Effects of Plant Flavonoids Quercetin and Rutin on HepG2 Cells. <i>Phytotherapy Research</i> , 2011, 25, 1381-1388.	5.8	43
10	LDH, proliferation curves and cell cycle analysis are the most suitable assays to identify and characterize new phytotherapeutic compounds. <i>Cytotechnology</i> , 2016, 68, 2729-2744.	1.6	34
11	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
12	Antimutagenicity and induction of antioxidant defense by flavonoid rich extract of <i>Myrcia bella</i> Cambess. in normal and tumor gastric cells. <i>Journal of Ethnopharmacology</i> , 2015, 176, 345-355.	4.1	29
13	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
14	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
15	An evaluation, using the comet assay and the micronucleus test, of the antigenotoxic effects of chlorophyll b in mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 725, 50-56.	1.7	25
16	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
17	Cytotoxic and genotoxic effects of high concentrations of the immunosuppressive drugs cyclosporine and tacrolimus in MRC-5 cells. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 179-187.	2.1	22
18	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. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 499-504.	2.1	21

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19	Mutagenicity and genotoxicity of isatin in mammalian cells in vivo. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 719, 47-51.	1.7	20
20	Diet carotenoid lutein modulates the expression of genes related to oxygen transporters and decreases DNA damage and oxidative stress in mice. <i>Food and Chemical Toxicology</i> , 2014, 70, 205-213.	3.6	20
21	<i>Pouteria ramiflora</i> (Mart.) Radlk. extract: Flavonoids quantification and chemopreventive effect on HepG2 cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 792-804.	2.3	20
22	Characterization of the <i>in vitro</i> cytotoxic effects of brachydins isolated from <i>Fridericia platyphylla</i> in a prostate cancer cell line. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 547-558.	2.3	15
23	Effect of annatto on micronuclei induction by direct and indirect mutagens in HepG2 cells. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 808-814.	2.2	13
24	<i>Fridericia platyphylla</i> (Cham.) L.G. Lohmann root extract exerts cytotoxic and antiproliferative effects on gastric tumor cells and downregulates BCL-XL, BIRC5, and MET genes. <i>Human and Experimental Toxicology</i> , 2020, 39, 338-354.	2.2	12
25	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
26	Association of polymorphisms of PTEN, AKT1, PI3K, AR, and AMACR genes in patients with prostate cancer. <i>Genetics and Molecular Biology</i> , 2020, 43, e20180329.	1.3	11
27	Chemical and biological characterisation of <i>Machaerium hirtum</i> (Vell.) Stellfeld: absence of cytotoxicity and mutagenicity and possible chemopreventive potential. <i>Mutagenesis</i> , 2016, 31, 147-160.	2.6	10
28	Genome interaction of the virus and the host genes and non-coding RNAs in SARS-CoV-2 infection. <i>Immunobiology</i> , 2021, 226, 152130.	1.9	10
29	Effects of lutein and chlorophyll b on GSH depletion and DNA damage induced by cisplatin <i>in vivo</i> . <i>Human and Experimental Toxicology</i> , 2013, 32, 828-836.	2.2	9
30	The Antitumoral/Antimetastatic Action of the Flavonoid Brachyidin A in Metastatic Prostate Tumor Spheroids In Vitro Is Mediated by (Parthanatos) PARP-Related Cell Death. <i>Pharmaceutics</i> , 2022, 14, 963.	4.5	7
31	Aglycone flavonoid brachyidin A shows selective cytotoxicity and antitumoral activity in human metastatic prostate (DU145) cancer cells. <i>Cytotechnology</i> , 2021, 73, 761-774.	1.6	6
32	Anticancer effects of carboxymethylated (1 α '3)(1 α '6)- β -D-glucan (botryosphaeran) on multicellular tumor spheroids of MCF-7 cells as a model of breast cancer. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022, 85, 521-537.	2.3	6
33	Phytochemical study and evaluation of cytotoxicity, mutagenicity, cell cycle kinetics and gene expression of <i>Bauhinia holophylla</i> (Bong.) Steud. in HepG2 cells in vitro. <i>Cytotechnology</i> , 2018, 70, 713-728.	1.6	5
34	Selective anticancer effects of <i>Serjania marginata</i> Casar. extract in gastric cells are mediated by antioxidant response. <i>Environmental Toxicology</i> , 2021, 36, 1544-1556.	4.0	4
35	Epigenetic changes induced in mice liver by methionine-supplemented and methionine-deficient diets. <i>Food and Chemical Toxicology</i> , 2022, 163, 112938.	3.6	3
36	Anticancer activities of Brachyidin C in human prostate tumor cells (DU145) grown in 2D and 3D models: Stimulation of cell death and downregulation of metalloproteinases in spheroids. <i>Chemical Biology and Drug Design</i> , 2022, 100, 747-762.	3.2	3

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37	Avaliação in vivo da anticlastogenicidade de extratos de plantas medicinais do gênero Miconia através do teste do micronúcleo. <i>Seminário de Ciências Biológicas E Da Saúde</i> , 2008, 29, 47.	0.2	2
38	Phytochemical Profile, and Antiproliferative and Proapoptotic Effects of <i>Pouteria ramiflora</i> (Mart.) Radlk. Leaf Extract, and Its Synergism with Cisplatin in HepG2 Cells. <i>Journal of Medicinal Food</i> , 2021, 24, 452-463.	1.5	1
39	Free radical scavenging and antioxidant potential of Lutein preventing the induced DNA damage in HepG2 cells. <i>Toxicology Letters</i> , 2010, 196, S165.	0.8	0
40	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
41	<i>Pouteria ramiflora</i> (Sapotaceae) leaves extract increases the antiproliferative and pro-apoptotic effects of cisplatin in HepG2 cells. <i>Toxicology Letters</i> , 2018, 295, S151.	0.8	0