

João Antonio Págas Henriques

List of Publications by Year in descending order

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95
papers

3,282
citations

109321

35
h-index

168389

53
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95
all docs

95
docs citations

95
times ranked

5294
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathways of cardiac toxicity: comparison between chemotherapeutic drugs doxorubicin and mitoxantrone. Archives of Toxicology, 2016, 90, 2063-2076.	4.2	189
2	Chemical characterization, antioxidant and cytotoxic activities of Brazilian red propolis. Food and Chemical Toxicology, 2013, 52, 137-142.	3.6	167
3	Replication and homologous recombination repair regulate DNA double-strand break formation by the antitumor alkylator ecteinascidin 743. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13062-13067.	7.1	143
4	Genotoxic effects of copper sulphate in freshwater planarian in vivo, studied with the single-cell gel test (comet assay). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2001, 497, 19-27.	1.7	106
5	Differentiation of human adipose-derived adult stem cells into neuronal tissue: Does it work?. Differentiation, 2009, 77, 221-228.	1.9	88
6	Facilitation of long-term object recognition memory by pretraining administration of diphenyl diselenide in mice. Neuroscience Letters, 2003, 341, 217-220.	2.1	85
7	Assessment of DNA damage in coal open-cast mining workers using the cytokinesis-blocked micronucleus test and the comet assay. Science of the Total Environment, 2011, 409, 686-691.	8.0	82
8	Red propolis: Chemical composition and pharmacological activity. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 591-598.	1.2	81
9	Genotoxicity and mutagenicity of iron and copper in mice. BioMetals, 2008, 21, 289-297.	4.1	75
10	DNA damage in organs of mice treated acutely with patulin, a known mycotoxin. Food and Chemical Toxicology, 2012, 50, 3548-3555.	3.6	69
11	Iron and genome stability: An update. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 733, 92-99.	1.0	69
12	Trabectedin and Its C Subunit Modified Analogue PM01183 Attenuate Nucleotide Excision Repair and Show Activity toward Platinum-Resistant Cells. Molecular Cancer Therapeutics, 2011, 10, 1481-1489.	4.1	68
13	Possible repair action of Vitamin C on DNA damage induced by methyl methanesulfonate, cyclophosphamide, FeSO4 and CuSO4 in mouse blood cells in vivo. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 583, 75-84.	1.7	64
14	Genetic damage in coal miners evaluated by buccal micronucleus cytome assay. Ecotoxicology and Environmental Safety, 2014, 107, 133-139.	6.0	64
15	Cytotoxicity and genotoxicity induced by coal and coal fly ash particles samples in V79 cells. Environmental Science and Pollution Research, 2016, 23, 24019-24031.	5.3	63
16	Mutagenicity, antioxidant potential, and antimutagenic activity against hydrogen peroxide of cashew (Anacardium occidentale) apple juice and cajuina. Environmental and Molecular Mutagenesis, 2003, 41, 360-369.	2.2	62
17	Protective Effects of Purple Grape Juice on Carbon Tetrachloride-Induced Oxidative Stress in Brains of Adult Wistar Rats. Journal of Medicinal Food, 2008, 11, 55-61.	1.5	60
18	A Possible Link Between Iron Deficiency and Gastrointestinal Carcinogenesis. Nutrition and Cancer, 2009, 61, 415-426.	2.0	60

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19	Neuroprotective and anticonvulsant effects of organic and conventional purple grape juices on seizures in Wistar rats induced by pentylenetetrazole. <i>Neurochemistry International</i> , 2012, 60, 799-805.	3.8	60
20	5-Fluorouracil and its active metabolite FdUMP cause DNA damage in human SW620 colon adenocarcinoma cell line. <i>Journal of Applied Toxicology</i> , 2009, 29, 308-316.	2.8	58
21	Anti-mitotic agents: Are they emerging molecules for cancer treatment?. , 2017, 173, 67-82.		55
22	Role of PSO genes in repair of DNA damage of <i>Saccharomyces cerevisiae</i> . <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 544, 179-193.	5.5	53
23	Influence of orange juice over the genotoxicity induced by alkylating agents: an in vivo analysis. <i>Mutagenesis</i> , 2005, 20, 279-283.	2.6	52
24	Brazilian Red Propolis Induces Apoptosis-Like Cell Death and Decreases Migration Potential in Bladder Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-13.	1.2	52
25	Intake of Purple Grape Juice as a Hepatoprotective Agent in Wistar Rats. <i>Journal of Medicinal Food</i> , 2008, 11, 127-132.	1.5	51
26	In silico identification of a new group of specific bacterial and fungal nitroreductases-like proteins. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 919-925.	2.1	47
27	Protective effects of three extracts from Antarctic plants against ultraviolet radiation in several biological models. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 96, 117-129.	3.8	44
28	Cytogenetic instability in populations with residential proximity to open-pit coal mine in Northern Colombia in relation to PM10 and PM2.5 levels. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 453-466.	6.0	44
29	UVA/UVB-induced genotoxicity and lesion repair in <i>Colossoma macropomum</i> and <i>Arapaima gigas</i> Amazonian fish. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 99, 93-99.	3.8	40
30	Influence of orange juice in the levels and in the genotoxicity of iron and copper. <i>Food and Chemical Toxicology</i> , 2006, 44, 425-435.	3.6	39
31	Susceptibility to DNA damage in workers occupationally exposed to pesticides, to tannery chemicals and to coal dust during mining. <i>Genetics and Molecular Biology</i> , 2012, 35, 1060-1068.	1.3	39
32	<i>Saccharomyces cerevisiae</i> as a model system to study the response to anticancer agents. <i>Cancer Chemotherapy and Pharmacology</i> , 2012, 70, 491-502.	2.3	39
33	Selenium reduces bradykinesia and DNA damage in a rat model of Parkinson's disease. <i>Nutrition</i> , 2015, 31, 359-365.	2.4	39
34	Pro-oxidant action of diphenyl diselenide in the yeast <i>Saccharomyces cerevisiae</i> exposed to ROS-generating conditions. <i>Life Sciences</i> , 2005, 77, 2398-2411.	4.3	38
35	SnCl ₂ -induced DNA damage and repair inhibition of MMS-caused lesions in V79 Chinese hamster fibroblasts. <i>Archives of Toxicology</i> , 2009, 83, 769-775.	4.2	38
36	Antitumor activity of Brazilian red propolis fractions against Hep-2 cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 951-963.	5.6	38

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37	Genotoxicity of diphenyl diselenide in bacteria and yeast. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 563, 107-115.	1.7	34
38	Polymorphisms in metabolism and repair genes affects DNA damage caused by open-cast coal mining exposure. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 808, 38-51.	1.7	34
39	The Pmr1 protein, the major yeast Ca^{2+} -ATPase in the Golgi, regulates intracellular levels of the cadmium ion. <i>FEMS Microbiology Letters</i> , 2008, 285, 79-88.	1.8	33
40	Titanium dioxide nanoparticles induce genotoxicity but not mutagenicity in golden mussel <i>Limnoperna fortunei</i> . <i>Aquatic Toxicology</i> , 2016, 170, 223-228.	4.0	33
41	DNA damage in tissues and organs of mice treated with diphenyl diselenide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 633, 35-45.	1.7	32
42	Antioxidant activity of diphenyl diselenide prevents the genotoxicity of several mutagens in Chinese hamster V79 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 631, 44-54.	1.7	31
43	Purple grape juices prevent pentylenetetrazol-induced oxidative damage in the liver and serum of Wistar rats. <i>Nutrition Research</i> , 2013, 33, 120-125.	2.9	30
44	Antioxidant and Antigenotoxic Activities of Purple Grape Juice "Organic and Conventional" in Adult Rats. <i>Journal of Medicinal Food</i> , 2009, 12, 1111-1118.	1.5	29
45	BER gene polymorphisms (<i>OGG1 Ser326Cys</i> and <i>XRCC1 Arg194Trp</i>) and modulation of DNA damage due to pesticides exposure. <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 20-27.	2.2	29
46	The role of two putative nitroreductases, Frm2p and Hbn1p, in the oxidative stress response in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2010, 27, 89-102.	1.7	28
47	Evaluation of the cytotoxicity, genotoxicity and mutagenicity of diphenyl ditelluride in several biological models. <i>Mutagenesis</i> , 2010, 25, 257-269.	2.6	28
48	Hepatoprotective and Antioxidant Potential of Organic and Conventional Grape Juices in Rats Fed a High-Fat Diet. <i>Antioxidants</i> , 2014, 3, 323-338.	5.1	28
49	Antioxidant defences and haemocyte internalization in <i>Limnoperna fortunei</i> exposed to TiO_2 nanoparticles. <i>Aquatic Toxicology</i> , 2016, 176, 190-196.	4.0	27
50	Low cytotoxicity of ecteinascidin 743 in yeast lacking the major endonucleolytic enzymes of base and nucleotide excision repair pathways. <i>Biochemical Pharmacology</i> , 2005, 70, 59-69.	4.4	25
51	Dietary total antioxidant capacity is associated with plasmatic antioxidant capacity, nutrient intake and lipid and DNA damage in healthy women. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 479-488.	2.8	25
52	DNA repair pathways involved in repair of lesions induced by 5-fluorouracil and its active metabolite FdUMP. <i>Biochemical Pharmacology</i> , 2010, 79, 147-153.	4.4	24
53	Cytotoxicity and genotoxicity of orthodontic bands with or without silver soldered joints. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 762, 1-8.	1.7	22
54	Cytotoxic and genotoxic effects in mechanics occupationally exposed to diesel engine exhaust. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 264-273.	6.0	22

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55	Geospatial analysis of residential proximity to open-pit coal mining areas in relation to micronuclei frequency, particulate matter concentration, and elemental enrichment factors. <i>Chemosphere</i> , 2018, 206, 203-216.	8.2	21
56	Differential mutagenic, antimutagenic and cytotoxic responses induced by apomorphine and its oxidation product, 8-oxo-apomorphine-semiquinone, in bacteria and yeast. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2003, 539, 29-41.	1.7	19
57	Influence of PARP-1 inhibition in the cardiotoxicity of the topoisomerase 2 inhibitors doxorubicin and mitoxantrone. <i>Toxicology in Vitro</i> , 2018, 52, 203-213.	2.4	19
58	Piperlongumine Induces Apoptosis in Colorectal Cancer HCT 116 Cells Independent of Bax, p21 and p53 Status. <i>Anticancer Research</i> , 2018, 38, 6231-6236.	1.1	17
59	DNA-damage effect of polycyclic aromatic hydrocarbons from urban area, evaluated in lung fibroblast cultures. <i>Environmental Pollution</i> , 2012, 162, 430-438.	7.5	16
60	Orange Juice and Cancer Chemoprevention. <i>Nutrition and Cancer</i> , 2013, 65, 943-953.	2.0	15
61	Proteomic analysis identifies differentially expressed proteins after red propolis treatment in Hep-2 cells. <i>Food and Chemical Toxicology</i> , 2014, 63, 195-204.	3.6	15
62	DNA damage and cellular abnormalities in tuberculosis, lung cancer and chronic obstructive pulmonary disease. <i>Multidisciplinary Respiratory Medicine</i> , 2015, 10, 38.	1.5	15
63	Brazilian red propolis extracts: study of chemical composition by ESI-MS/MS (ESI+) and cytotoxic profiles against colon cancer cell lines. <i>Biotechnology Research and Innovation</i> , 2019, 3, 120-130.	0.9	15
64	Genetic damage in environmentally exposed populations to open-pit coal mining residues: Analysis of buccal micronucleus cytome (BMN-cyt) assay and alkaline, Endo III and FPG high-throughput comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 836, 24-35.	1.7	12
65	Polyurethane/poly(d,l-lactic acid) scaffolds based on supercritical fluid technology for biomedical applications: Studies with L929 cells. <i>Materials Science and Engineering C</i> , 2019, 96, 539-551.	7.3	12
66	Genes similar to naphthalene dioxygenase genes in trifluralin-degrading bacteria. <i>Pest Management Science</i> , 2004, 60, 474-478.	3.4	11
67	In silico Identification and Analysis of New Artemis/Artemis-like Sequences from Fungal and Metazoan Species. <i>Protein Journal</i> , 2005, 24, 399-411.	1.6	10
68	Dicholesteroyl diselenide: Cytotoxicity, genotoxicity and mutagenicity in the yeast <i>Saccharomyces cerevisiae</i> and in Chinese hamster lung fibroblasts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 763, 1-11.	1.7	10
69	Diphenyl Ditelluride-Induced Cell Cycle Arrest and Apoptosis: A Relation with Topoisomerase I Inhibition. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 273-280.	2.5	10
70	<i>Origanum majorana</i> Essential Oil Lacks Mutagenic Activity in the <i>Salmonella</i> /Microsome and Micronucleus Assays. <i>Scientific World Journal</i> , The, 2016, 2016, 1-7.	2.1	10
71	Chemical Characterization and Cytotoxic Activity of Blueberry Extracts (cv. Misty) Cultivated in Brazil. <i>Journal of Food Science</i> , 2016, 81, H2076-84.	3.1	10
72	Nile Red Incubation Time Before Reading Fluorescence Greatly Influences the Yeast Neutral Lipids Quantification. <i>Frontiers in Microbiology</i> , 2021, 12, 619313.	3.5	10

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73	The eukaryotic Pso2p/Snm1p family revisited: In Silico analyses of Pso2p A, B and Plasmodium groups. Computational Biology and Chemistry, 2005, 29, 420-433.	2.3	9
74	Genotoxicity of 15-deoxygoyazensolide in bacteria and yeast. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 631, 16-25.	1.7	9
75	Macro and micro minerals: are frozen fruits a good source?. Anais Da Academia Brasileira De Ciencias, 2010, 82, 861-867.	0.8	8
76	Systems chemo-biology analysis of DNA damage response and cell cycle effects induced by coal exposure. Genetics and Molecular Biology, 2020, 43, e20190134.	1.3	8
77	A new group of plant-specific ATP-dependent DNA ligases identified by protein phylogeny, hydrophobic cluster analysis and 3-dimensional modelling. Functional Plant Biology, 2005, 32, 161.	2.1	7
78	Genotoxicity of aminohydroxynaphthoquinones in bacteria, yeast, and Chinese hamster lung fibroblast cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 650, 140-149.	1.7	7
79	New features on Pso2 protein family in DNA interstrand cross-link repair and in the maintenance of genomic integrity in Saccharomyces cerevisiae. Fungal Genetics and Biology, 2013, 60, 122-132.	2.1	7
80	Sak1 kinase interacts with Pso2 nuclease in response to DNA damage induced by interstrand crosslink-inducing agents in Saccharomyces cerevisiae. Journal of Photochemistry and Photobiology B: Biology, 2014, 130, 241-253.	3.8	7
81	Diphenyl Ditelluride: Redox-Modulating and Antiproliferative Properties. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	6
82	Deletion of eIF2 ² lysine stretches creates a dominant negative that affects the translation and proliferation in human cell line: A tool for arresting the cell growth. Cancer Biology and Therapy, 2017, 18, 560-570.	3.4	5
83	A DNA repair-independent role for alkyladenine DNA glycosylase in alkylation-induced unfolded protein response. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
84	Enhanced resistance of yeast mutants deficient in low-affinity iron and zinc transporters to stannous-induced toxicity. Chemosphere, 2012, 86, 477-484.	8.2	4
85	Cytotoxic, mutagenicity, and genotoxicity effects of guanylhyazone derivatives. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2016, 806, 1-10.	1.7	4
86	Natural Rubber Films Incorporated with Red Propolis and Silver Nanoparticles Aimed for Occlusive Dressing Application. Materials Research, 2021, 24, .	1.3	4
87	Cytokinesis-block micronucleus cytome (CBMN-CYT) assay and its relationship with genetic polymorphisms in welders. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 872, 503417.	1.7	3
88	Dataset of Nile Red Fluorescence Readings with Different Yeast Strains, Solvents, and Incubation Times. Data, 2020, 5, 77.	2.3	2
89	Evaluation of clinical and pathological response factors to neoadjuvant chemotherapy in breast cancer patients. Mastology, 0, 31, .	0.1	2
90	Editorial decision is still a menâ€™s task. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20201803.	0.8	2

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91	Distinction between 2â€²- and 3â€²-Phosphate Isomers of a Fluorescent NADPH Analogue Led to Strong Inhibition of Cancer Cells Migration. Antioxidants, 2021, 10, 723.	5.1	1
92	Bioactivity of Ti6Al4V alloy with bioglass and corrosion protection by silane coating. Research, Society and Development, 2021, 10, e23310615308.	0.1	0
93	Saccharomyces cerevisiae DNA repair pathways involved in repair of lesions induced by mixed ternary mononuclear Cu(II) complexes based on valproic acid with 1,10-phenanthroline or 2,2â€™-bipyridine ligands. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 868-869, 503390.	1.7	0
94	Predictive value of DNA repair gene expression for response to neoadjuvant chemotherapy in breast cancer. Brazilian Journal of Medical and Biological Research, 2022, 55, e11857.	1.5	0
95	Predictive value of DNA repair gene expression for response to neoadjuvant chemotherapy in breast cancer.. Journal of Clinical Oncology, 2022, 40, e12538-e12538.	1.6	0