Jose Carlos Pelielo De Mattos

List of Publications by Year
in descending order

25 papers	494 citations	687363 13 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	479 citing authors

#	Article	IF	Citations
1	Stannous chloride mediates single strand breaks in plasmid DNA through reactive oxygen species formation. Toxicology Letters, 1999, 110, 129-136.	0.8	59
2	Damage induced by stannous chloride in plasmid DNA. Toxicology Letters, 2000, 116, 159-163.	0.8	57
3	Genotoxic potentiality of aqueous extract prepared from Chrysobalanus icaco L. leaves. Toxicology Letters, 2004, 151, 481-487.	0.8	45
4	Analysis of genotoxic potentiality of stevioside by comet assay. Food and Chemical Toxicology, 2007, 45, 662-666.	3.6	45
5	Boldine action against the stannous chloride effect. Journal of Ethnopharmacology, 1999, 68, 345-348.	4.1	30
6	Biological effects of stannous chloride, a substance that can produce stimulation or depression of the central nervous system. Brain Research Bulletin, 2002, 59, 213-216.	3.0	30
7	Genotoxic effects of stannous chloride (SnCl2) in K562 cell line. Food and Chemical Toxicology, 2002, 40, 1493-1498.	3.6	29
8	Assessment of Aloe vera (L.) genotoxic potential on Escherichia coli and plasmid DNA. Journal of Ethnopharmacology, 2005, 102, 197-201.	4.1	27
9	Shark cartilage-containing preparation: protection against reactive oxygen species. Food and Chemical Toxicology, 1998, 36, 1079-1084.	3.6	25
10	Assessment of DNA damage induced by extracts, fractions and isolated compounds of Davilla nitida and Davilla elliptica (Dilleniaceae). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 702, 92-99.	1.7	19
11	Medicinal potential from in vivo and acclimatized plants of Cleome rosea. FÃ¬toterapÃ¬Ã¢, 2006, 77, 94-99.	2.2	17
12	Interaction of stannous chloride leads to alteration in DNA, triphosphate nucleotides and isolated bases. Molecular and Cellular Biochemistry, 2005, 280, 173-179.	3.1	16
13	Cytotoxic and genotoxic effects induced by stannous chloride associated to nuclear medicine kits. Nuclear Medicine and Biology, 2006, 33, 915-921.	0.6	13
14	Evaluation of Deoxyribonucleic Acid Toxicity Induced by the Radiopharmaceutical 99mTechnetium-Methylenediphosphonic Acid and by Stannous Chloride in Wistar Rats. Molecules, 2012, 17, 12974-12983.	3.8	13
15	Cytotoxic, mutagenic and genotoxic evaluation of crude extracts and fractions from Piper jericoense with trypanocidal action. Acta Tropica, 2014, 131, 92-97.	2.0	12
16	Cellular inactivation induced by a radiopharmaceutical kit: role of stannous chloride. Toxicology Letters, 1998, 99, 199-205.	0.8	11
17	Agarose gel electrophoresis system in the classroom: Detection of DNA strand breaks through the alteration of plasmid topology. Biochemistry and Molecular Biology Education, 2004, 32, 254-257.	1.2	11
18	Adaptive response to H2O2 protects against SnCl2 damage: the OxyR system involvement. Biochimie, 2002, 84, 291-294.	2.6	10

#	Article	IF	Citations
19	The Use of DNA Extraction for Molecular Biology and Biotechnology Training: A Practical and Alternative Approach. Creative Education, 2015, 06, 762-772.	0.4	8
20	Endonuclease IV Is the Main Base Excision Repair Enzyme Involved in DNA Damage Induced by UVA Radiation and Stannous Chloride. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	4
21	Biological effects of stevioside on the survival of Escherichia colistrains and plasmid DNA. Molecular and Cellular Biochemistry, 2006, 293, 187-192.	3.1	3
22	Alkaline gel electrophoresis assay to detect DNA strand breaks and repair mechanisms in Escherichia coli. Brazilian Archives of Biology and Technology, 2008, 51, 121-126.	0.5	3
23	Effect of extracts from field and in vitro plants of Petiveria alliacea L. on plasmidial DNA. Journal of Medicinal Plants Research, 2014, 8, 1101-1109.	0.4	3
24	Antidiabetic and genotoxic effects on Wistar rats treated with aqueous extract from Chrysobalanus icaco L.. Journal of Medicinal Plants Research, 2013, 8, 52-57.	0.4	0
25	Assessment of the genotoxic and antigenotoxic potential of crude extracts and fractions of Schwartzia brasiliensis (Choisy) Bedell ex Giraldo-Caas. Journal of Medicinal Plants Research, 2015, 9, 223-230.	0.4	0