

Rogã©rio Meneghini

List of Publications by Year in descending order

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41
papers

3,050
citations

218677

26
h-index

289244

40
g-index

41
all docs

41
docs citations

41
times ranked

2491
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Homeostasis, Oxidative Stress, and DNA Damage. <i>Free Radical Biology and Medicine</i> , 1997, 23, 783-792.	2.9	489
2	In vivo formation of single-strand breaks in DNA by hydrogen peroxide is mediated by the Haber-Weiss reaction. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1984, 781, 56-63.	2.4	299
3	Is there science beyond English?. <i>EMBO Reports</i> , 2007, 8, 112-116.	4.5	218
4	Genotoxicity of active oxygen species in mammalian cells. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1988, 195, 215-230.	2.9	214
5	How DNA lesions are turned into powerful killing structures: Insights from UV-induced apoptosis. <i>Mutation Research - Reviews in Mutation Research</i> , 2009, 681, 197-208.	5.5	185
6	Iron is the intracellular metal involved in the production of DNA damage by oxygen radicals. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991, 251, 109-113.	1.0	136
7	Protection of mammalian cells by o-phenanthroline from lethal and DNA-damaging effects produced by active oxygen species. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1985, 847, 82-89.	4.1	126
8	Correlation between cytotoxic effect of hydrogen peroxide and the yield of DNA strand breaks in cells of different species. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1984, 781, 234-238.	2.4	114
9	T4-endonuclease V-sensitive sites in DNA from ultraviolet-irradiated human cells. <i>Nucleic Acids and Protein Synthesis</i> , 1976, 425, 428-437.	1.7	97
10	ACTION OF HYDROGEN PEROXIDE ON HUMAN FIBROBLAST IN CULTURE. <i>Photochemistry and Photobiology</i> , 1979, 30, 151-155.	2.5	97
11	Gaps in DNA synthesized by ultraviolet light-irradiated WI38 human cells. <i>Nucleic Acids and Protein Synthesis</i> , 1976, 425, 419-427.	1.7	96
12	Nitric Oxide and Peroxynitrite-Dependent Aconitase Inactivation and Iron-Regulatory Protein-1 Activation in Mammalian Fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , 1998, 359, 215-224.	3.0	95
13	Iron and its sensitive balance in the cell. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 475, 153-159.	1.0	83
14	Yeast Lacking Cu-Zn Superoxide Dismutase Show Altered Iron Homeostasis. <i>Journal of Biological Chemistry</i> , 2000, 275, 11645-11649.	3.4	82
15	Articles by Latin American Authors in Prestigious Journals Have Fewer Citations. <i>PLoS ONE</i> , 2008, 3, e3804.	2.5	79
16	o-Phenanthroline protects mammalian cells from hydrogen peroxide-induced gene mutation and morphological transformation. <i>Carcinogenesis</i> , 1989, 10, 1055-1057.	2.8	77
17	DNA STRAND BREAKS IN MAMMALIAN CELLS EXPOSED TO LIGHT IN THE PRESENCE OF RIBOFLAVIN AND TRYPTOPHAN. <i>Photochemistry and Photobiology</i> , 1979, 29, 299-303.	2.5	68
18	The damaging action of hydrogen peroxide on DNA of human fibroblasts is mediated by a non-dialyzable compound. <i>Nucleic Acids and Protein Synthesis</i> , 1980, 608, 167-173.	1.7	64

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19	International versus national oriented Brazilian scientific journals. A scientometric analysis based on SciELO and JCR-ISI databases. <i>Scientometrics</i> , 2006, 69, 529-538.	3.0	54
20	Role of antioxidants in protecting cellular DNA from damage by oxidative stress. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991, 250, 95-101.	1.0	48
21	Mechanisms of tolerance to DNA lesions in mammalian cells. <i>Quarterly Reviews of Biophysics</i> , 1981, 14, 381-432.	5.7	42
22	Glutathione is the antioxidant responsible for resistance to oxidative stress in V79 Chinese hamster fibroblasts rendered resistant to cadmium. <i>Chemico-Biological Interactions</i> , 1992, 82, 99-110.	4.0	38
23	An ATP-dependent Iron Transport System in Isolated Rat Liver Nuclei. <i>Journal of Biological Chemistry</i> , 1996, 271, 13616-13620.	3.4	37
24	Articles with authors affiliated to Brazilian institutions published from 1994 to 2003 with 100 or more citations: I - the weight of international collaboration and the role of the networks. <i>Anais Da Academia Brasileira De Ciencias</i> , 2006, 78, 841-853.	0.8	32
25	Emerging journals. <i>EMBO Reports</i> , 2012, 13, 106-108.	4.5	32
26	Oxidative stress by menadione affects cellular copper and iron homeostasis. <i>Molecular and Cellular Biochemistry</i> , 1993, 126, 17-23.	3.1	26
27	Chinese hamster fibroblasts overexpressing CuZn-superoxide dismutase undergo a global reduction in antioxidants and an increasing sensitivity of DNA to oxidative damage. <i>Biochemical Journal</i> , 1996, 315, 821-825.	3.7	26
28	Cells transfected with transferrin receptor cDNA lacking the iron regulatory domain become more sensitive to the DNA-damaging action of oxidative stress. <i>Carcinogenesis</i> , 1995, 16, 1335-1338.	2.8	16
29	Articles with authors affiliated to Brazilian institutions published from 1994 to 2003 with 100 or more citations: II - identification of thematic nuclei of excellence in Brazilian science. <i>Anais Da Academia Brasileira De Ciencias</i> , 2006, 78, 855-883.	0.8	15
30	O projeto Scielo (Scientific Electronic Library on Line) e a visibilidade da literatura científica "Periférica". <i>Quimica Nova</i> , 2003, 26, 155-156.	0.3	10
31	Recovery in the survival capacity of ultraviolet-irradiated 3T3 mouse cells at G0 cannot be solely dependent on the excision of pyrimidine dimers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 96, 273-280.	1.0	9
32	Evidence for alkali-sensitive linkers in DNA of African green monkey kidney cells. <i>Nature</i> , 1977, 269, 445-447.	27.8	8
33	Replication of mammalian DNA on templates damaged by ultraviolet light. <i>Trends in Biochemical Sciences</i> , 1981, 6, 214-216.	7.5	6
34	SITES SENSITIVE TO S1 NUCLEASE and DISCONTINUITIES IN DNA NASCENT STRANDS OF ULTRAVIOLET IRRADIATED MOUSE CELLS. <i>Photochemistry and Photobiology</i> , 1983, 37, 605-610.	2.5	6
35	PYRIMIDINE DIMERS IN DNA STRANDS OF MAMMALIAN CELLS SYNTHESIZED AFTER UV-IRRADIATION. , 1978, , 493-497.		6
36	Recovery of DNA Synthesis from Inhibition by Ultraviolet Light in Mammalian Cells. <i>Journal of Cell Science</i> , 1987, 1987, 191-206.	2.0	5

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37	Rate of DNA synthesis in mammalian cells irradiated with ultraviolet light: A model based on the variations in the rate of movement of the replication fork and in the number of active replicons. <i>Journal of Theoretical Biology</i> , 1983, 100, 359-372.	1.7	4
38	Inhibition and recovery of the rate of DNA synthesis in V79 Chinese hamster cells following ultraviolet light irradiation. <i>Mutation Research - DNA Repair Reports</i> , 1984, 131, 81-88.	1.8	4
39	A partially purified putative iron P type-ATPase mediates Fe ³⁺ -transport into proteoliposome. <i>Archives of Biochemistry and Biophysics</i> , 2007, 458, 229-235.	3.0	3
40	Competence growth factors can cause modification in higher-order chromatin structure in mouse embryo 3T3 fibroblasts. <i>Journal of Cellular Biochemistry</i> , 1989, 40, 229-238.	2.6	2
41	Publica�o de peri�dicos nacionais de ci�ncia em pa�ses emergentes. <i>Educa�o Em Revista</i> , 2012, 28, 435-442.	0.1	2