

Alejandro D BolzÃ¡n

List of Publications by Year in descending order

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52
papers

1,453
citations

471509

17
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330143

37
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52
all docs

52
docs citations

52
times ranked

1821
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxicity of Streptozotocin. <i>Mutation Research - Reviews in Mutation Research</i> , 2002, 512, 121-134.	5.5	305
2	Telomeres, interstitial telomeric repeat sequences, and chromosomal aberrations. <i>Mutation Research - Reviews in Mutation Research</i> , 2006, 612, 189-214.	5.5	123
3	Genotoxicity of streptonigrin: a review. <i>Mutation Research - Reviews in Mutation Research</i> , 2001, 488, 25-37.	5.5	119
4	Superoxide Dismutase, Catalase and Glutathione Peroxidase Activities in Human Blood: Influence of Sex, Age and Cigarette Smoking. <i>Clinical Biochemistry</i> , 1997, 30, 449-454.	1.9	118
5	Hormonal modulation of antioxidant enzyme activities in young and old rats. <i>Experimental Gerontology</i> , 1995, 30, 169-175.	2.8	73
6	Interstitial telomeric sequences in vertebrate chromosomes: Origin, function, instability and evolution. <i>Mutation Research - Reviews in Mutation Research</i> , 2017, 773, 51-65.	5.5	65
7	Chromosomal aberrations involving telomeres and interstitial telomeric sequences. <i>Mutagenesis</i> , 2012, 27, 1-15.	2.6	64
8	DNA and chromosome damage induced by bleomycin in mammalian cells: An update. <i>Mutation Research - Reviews in Mutation Research</i> , 2018, 775, 51-62.	5.5	53
9	Hybrid bacterial cellulose-pectin films for delivery of bioactive molecules. <i>New Journal of Chemistry</i> , 2018, 42, 7457-7467.	2.8	42
10	Effects of the pesticide chlorpyrifos on breast cancer disease. Implication of epigenetic mechanisms. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 96-104.	2.5	41
11	Chromosomal localization of the telomeric (TTAGGG) _n sequence in four species of Armadillo (Dasypodidae) from Argentina: an approach to explaining karyotype evolution in the Xenarthra. <i>Chromosome Research</i> , 2005, 13, 777-784.	2.2	33
12	FISH analysis of telomeric repeat sequences and their involvement in chromosomal aberrations induced by radiomimetic compounds in hamster cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 479, 187-196.	1.0	30
13	The karyotype of <i>Alouatta</i> and <i>Pithecia</i> (Primates: Platyrrhini): mitotic and meiotic analyses. <i>Cytogenetic and Genome Research</i> , 2008, 122, 103-109.	1.1	25
14	Effect of Thiol Compounds on Bleomycin-Induced DNA and Chromosome Damage in Human Cells. <i>Archives of Environmental and Occupational Health</i> , 2013, 68, 107-116.	1.4	25
15	Characterization of smart auto-degradative hydrogel matrix containing alginate lyase to enhance levofloxacin delivery against bacterial biofilms. <i>International Journal of Pharmaceutics</i> , 2015, 496, 953-964.	5.2	24
16	Detection of incomplete chromosome elements and interstitial fragments induced by bleomycin in hamster cells using a telomeric PNA probe. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 554, 1-8.	1.0	22
17	Superoxide dismutase activity and superoxide dismutase-1 gene methylation in normal and tumoral human breast tissues. <i>Cancer Genetics and Cytogenetics</i> , 1992, 59, 26-29.	1.0	19
18	Chromosomal sensitivity of human lymphocytes to bleomycin. <i>Cancer Genetics and Cytogenetics</i> , 1992, 64, 133-138.	1.0	17

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19	Chromosomal localization of the telomeric (TTAGGG) _n sequence in eight species of New World Primates (Neotropical Primates, Platyrrhini). <i>Cytogenetic and Genome Research</i> , 2007, 119, 221-224.	1.1	17
20	Effect of bleomycin on interstitial telomeric sequences of immortalized Chinese hamster ovary cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 669, 139-146.	1.0	16
21	Analysis of spontaneous and bleomycin-induced chromosome damage in peripheral lymphocytes of long-haul aircrew members from Argentina. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 639, 64-79.	1.0	14
22	Relationship between pituitary hormones, antioxidant enzymes, and histopathological changes in the mammary gland of senescent rats. <i>Experimental Gerontology</i> , 1997, 32, 297-304.	2.8	13
23	Effects of antioxidants on streptozotocin-induced clastogenesis in mammalian and insect cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 418, 35-42.	1.7	12
24	The effect of 1,10-phenanthroline on the chromosome damage and sister-chromatid exchanges induced by streptozotocin in mammalian and insect cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 447, 221-226.	1.0	12
25	Analysis of streptonigrin-induced incomplete chromosome elements and interstitial fragments in Chinese hamster cells using a telomeric PNA probe. <i>Environmental and Molecular Mutagenesis</i> , 2004, 44, 277-282.	2.2	12
26	Effects of antioxidants on streptonigrin-induced DNA damage and clastogenesis in CHO cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 373, 201-206.	1.0	11
27	A comparative analysis of bleomycin-induced incomplete chromosome elements in two mammalian cell lines using a telomeric PNA probe. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 674-681.	2.2	11
28	Distribution of Telomeric Sequences (TTAGGG) _n in Rearranged Chromosomes of Phyllotine Rodents (Cricetidae, Sigmodontinae). <i>Cytogenetic and Genome Research</i> , 2015, 147, 247-252.	1.1	11
29	Karyotype evolution in South American subterranean rodents <i>Ctenomys magellanicus</i> (Rodentia): Tj ETQq1 1 0.784314 rgBT /Overlock and 2n=36 chromosomal forms. <i>Hereditas</i> , 2003, 139, 13-17.	1.4	10
30	Analysis of streptozotocin-induced incomplete chromosome elements and excess acentric fragments in Chinese hamster cells using a telomeric PNA probe. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 570, 237-244.	1.0	10
31	Telomere instability is present in the progeny of mammalian cells exposed to bleomycin. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 734, 5-11.	1.0	10
32	Analysis of Telomeric Repeats and Telomerase Activity in Human Colon Carcinoma Cells with Gene Amplification. <i>Cancer Genetics and Cytogenetics</i> , 2000, 120, 166-170.	1.0	9
33	Karyotypic characterization of <i>Trachemys dorbigni</i> (Testudines: Emydidae) and <i>Chelonoidis (Geochelone) donosobarrosi</i> (Testudines: Testudinidae), two species of Cryptodiran turtles from Argentina. <i>Genetica</i> , 2009, 137, 277-283.	1.1	9
34	Chromosomal response of insect and mammalian cells to streptonigrin: A comparative study. , 1998, 32, 331-335.		8
35	Chromosomal response of human lymphocytes to streptozotocin. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 503, 63-68.	1.0	8
36	Relationship between heterochromatic interstitial telomeric sequences and chromosome damage induced by the radiomimetic compound streptonigrin in Chinese hamster ovary cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 684, 90-97.	1.0	8

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37	Using telomeric chromosomal aberrations to evaluate clastogen-induced genomic instability in mammalian cells. <i>Chromosome Research</i> , 2020, 28, 259-276.	2.2	8
38	Bleomycin induces delayed instability of interstitial telomeric sequences in Chinese hamster ovary cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 731, 133-139.	1.0	7
39	The methylating agent streptozotocin induces persistent telomere dysfunction in mammalian cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 794, 17-24.	1.7	7
40	Effect of recombinant interferon-alpha on bleomycin-induced chromosome damage in hamster cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 505, 43-50.	1.0	5
41	Streptonigrin induces delayed chromosomal instability involving interstitial telomeric sequences in Chinese hamster ovary cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 46-52.	1.7	5
42	The radiomimetic compound streptonigrin induces persistent telomere dysfunction in mammalian cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 760, 16-23.	1.0	4
43	Human Immunodeficiency Virus Type 1 Pharmacogenomics in Clinical Practice: Relevance of HIV-1 Drug Resistance Testing (Part 2). <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2003, 22, 281-286.	1.2	4
44	Interstitial telomeric sequences are not preferentially involved in the chromosome damage induced by the methylating compound streptozotocin in chinese hamster cells. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 147-152.	2.2	3
45	Phylogenetic and divergence time analysis of the <i>Chelonoidis chilensis</i> complex (Testudines: Testudinidae). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	0.55	3
46	Modulation of streptonigrin's clastogenic effects in CHO cells by the metal-chelating agent 1,10-phenanthroline. <i>Environmental and Molecular Mutagenesis</i> , 2001, 38, 306-310.	2.2	2
47	Effect of recombinant interferon-alpha on streptozotocin-induced chromosome aberrations and sister-chromatid exchanges in hamster cells. <i>Toxicology in Vitro</i> , 2004, 18, 901-905.	2.4	2
48	Chromosome variability and evolution in rodents of the tribe Abrotrichini (Rodentia, Cricetidae). <i>Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 30</i>	1.3	2
49	Effect of recombinant interferon- α on streptonigrin-induced chromosome aberrations and sister-chromatid exchanges in hamster cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 522, 127-134.	1.0	1
50	Analysis of Spontaneous and Streptonigrin-Induced Sister Chromatid Exchanges in Peripheral Lymphocytes of Aircrew Members of International Flights. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2008, 27, 277-285.	1.2	1
51	Telomere Instability Induced by Anticancer Drugs in Mammalian Cells. , 2016, , .		0
52	Mutagen-induced telomere instability in human cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 868-869, 503387.	1.7	0