Antonella Russo

List of Publications by Year
in descending order

64	1,533	331670 21	345221 36
papers	citations	h-index	g-index

64	64	64	1535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Toward a Molecular Approach to Chronotype Assessment. Journal of Biological Rhythms, 2022, , 074873042210993.	2.6	0
2	The displacement of frataxin from the mitochondrial cristae correlates with abnormal respiratory supercomplexes formation and bioenergetic defects in cells of Friedreich ataxia patients. FASEB Journal, 2021, 35, e21362.	0.5	9
3	SAMHD1â€deficient fibroblasts from Aicardiâ€GoutiÃ¨res Syndrome patients can escape senescence and accumulate mutations. FASEB Journal, 2020, 34, 631-647.	0.5	12
4	Individual Radiosensitivity in Oncological Patients: Linking Adverse Normal Tissue Reactions and Genetic Features. Frontiers in Oncology, 2019, 9, 987.	2.8	21
5	Risks of aneuploidy induction from chemical exposure: Twenty years of collaborative research in Europe from basic science to regulatory implications. Mutation Research - Reviews in Mutation Research, 2019, 779, 126-147.	5.5	16
6	Common fragile site instability in normal cells: Lessons and perspectives. Genes Chromosomes and Cancer, 2019, 58, 260-269.	2.8	4
7	Separase prevents genomic instability by controlling replication fork speed. Nucleic Acids Research, 2018, 46, 267-278.	14.5	48
8	Rad54/Rad54B deficiency is associated to increased chromosome breakage in mouse spermatocytes. Mutagenesis, 2018, 33, 323-332.	2.6	3
9	Environmental Effects on Developing Germ Cells. , 2018, , 452-458.		1
10	Molecular cytogenetics of the micronucleus: Still surprising. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 836, 36-40.	1.7	35
11	A defective dNTP pool hinders DNA replication in cell cycle-reactivated terminally differentiated muscle cells. Cell Death and Differentiation, 2017, 24, 774-784.	11.2	13
12	The Replication of Frataxin Gene Is Assured by Activation of Dormant Origins in the Presence of a GAA-Repeat Expansion. PLoS Genetics, 2016, 12, e1006201.	3.5	5
13	The adverse outcome pathway (<scp>AOP</scp>) for chemical binding to tubulin in oocytes leading to aneuploid offspring. Environmental and Molecular Mutagenesis, 2016, 57, 87-113.	2.2	25
14	Chromosome Imbalances in Cancer: Molecular Cytogenetics Meets Genomics. Cytogenetic and Genome Research, 2016, 150, 176-184.	1.1	11
15	Personalized Stem Cell Therapy to Correct Corneal Defects Due to a Unique Homozygous-Heterozygous Mosaicism of Ectrodactyly-Ectodermal Dysplasia-Clefting Syndrome. Stem Cells Translational Medicine, 2016, 5, 1098-1105.	3.3	10
16	Genomic instability: Crossing pathways at the origin of structural and numerical chromosome changes. Environmental and Molecular Mutagenesis, 2015, 56, 563-580.	2.2	29
17	General and specific replication profiles are detected in normal human cells by genome-wide and single-locus molecular combing. Experimental Cell Research, 2013, 319, 3081-3093.	2.6	11
18	Genetic instability of the tumor suppressor gene FHIT in normal human cells. Genes Chromosomes and Cancer, 2013, 52, 832-844.	2.8	12

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19	The Measurement of Induced Genetic Change in Mammalian Germ Cells. Methods in Molecular Biology, 2012, 817, 335-375.	0.9	13
20	Replication dynamics at common fragile site FRA6E. Chromosoma, 2010, 119, 575-587.	2.2	62
21	Transcriptional deregulation and a missense mutation define ANKRD1 as a candidate gene for total anomalous pulmonary venous return. Human Mutation, 2008, 29, 468-474.	2.5	52
22	BACE2 is Stored in Secretory Granules of Mouse and Rat Pancreatic Î² Cells. Ultrastructural Pathology, 2008, 32, 246-251.	0.9	15
23	In vivo erythrocyte micronucleus assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 627, 10-30.	1.7	105
24	PRINS Evaluation of Chromosome Instability in Mammalian Cells by Detection of Repetitive DNA Sequences in Micronuclei. , 2006, 334, 89-104.		3
25	Tumor and metastasis suppression by the human RNASET2 gene. International Journal of Oncology, 2005, 26, 1159.	3.3	23
26	â€œModeled Microgravityâ€•Affects Cell Response to Ionizing Radiation and Increases Genomic Damage. Radiation Research, 2005, 163, 191-199.	1.5	47
27	Genetic Damage Induced byIn VitroIrradiation of Human G0Lymphocytes with Low-Energy Protons (28) Tj ETQq1 1 0.784314 rgBT /O	1.5	12
28	PRINS tandem labeling of satellite DNA in the study of chromosome damage. American Journal of Medical Genetics Part A, 2002, 107, 99-104.	2.4	10
29	Analysis of mutational effects at the HPRT locus in human G0 phase lymphocytes irradiated in vitro with Î³ rays. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 474, 147-158.	1.0	13
30	In vivo rodent erythrocyte micronucleus assay. II. Some aspects of protocol design including repeated treatments, integration with toxicity testing, and automated scoring. Environmental and Molecular Mutagenesis, 2000, 35, 234-252.	2.2	228
31	In vivo cytogenetics: mammalian germ cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 455, 167-189.	1.0	37
32	Detection and characterization of micronuclei in a murine liver epithelial cell line, by application of the in vitro cytokinesis block MN assay and PRINS. Mutagenesis, 2000, 15, 349-356.	2.6	8
33	cDNA Cloning and Characterization of PD1: A Novel Human Testicular Protein with Different Expressions in Various Testiculopathies. Experimental Cell Research, 1999, 248, 620-626.	2.6	21
34	Micronucleus induction in somatic cells of mice as evaluated after 1,3-butadiene inhalation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 397, 11-20.	1.0	15
35	Evaluation and characterization of micronuclei in early spermatids of mice exposed to 1,3-butadiene. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 397, 45-54.	1.0	19
36	Genetic effects of 1,3-butadiene and associated risk for heritable damage. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 397, 93-115.	1.0	37

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37	Induction of micronuclei and sister chromatid exchange in mouse splenocytes after exposure to the butadiene metabolite 3, 4-epoxy-1-butene. Mutagenesis, 1997, 12, 425-429.	2.6	19
38	Micronucleus induction in germ and somatic cells of the mouse after exposure to the butadiene metabolites diepoxybutane and epoxybutene. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1997, 390, 129-139.	1.7	22
39	Genotoxicity of trophosphamide in mouse germ cells: assessment of micronuclei in spermatids and chromosome aberrations in one-cell zygotes. Mutagenesis, 1996, 11, 125-130.	2.6	9
40	Detection of minor and major satellite DNA in cytokinesis-blocked mouse splenocytes by a PRINS tandem labelling approach. Mutagenesis, 1996, 11, 547-552.	2.6	9
41	Synthesis report of the step project detection of germ cell mutagens. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 353, 65-84.	1.0	17
42	PRINS localization of centromeres and telomeres in micronuclei indicates that in mouse splenocytes chromatid non-disjunction is a major mechanism of aneuploidy. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 372, 173-180.	1.0	23
43	The centromere as a target for the induction of chromosome damage in resting and proliferating mammalian cells: assessment of mitomycin C-induced genetic damage at kinetochores and centromeres by a micronucleus test in mouse splenocytes. Mutagenesis, 1996, 11, 133-138.	2.6	31
44	Weak genotoxicity of acrylamide on premeiotic and somatic cells on the mouse. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 309, 263-272.	1.0	27
45	Evaluation of sister-chromatid exchanges in mouse spermatogonia: a comparison between the classical fluorescence plus Giemsa staining and an immunocytochemical approach. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 323, 143-149.	1.1	5
46	Persistence of chromosomal lesions and induced in mouse bone marrow cells by mitomycin C, as evaluated by SCE analysis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 287, 275-282.	1.0	9
47	The micronucleus assay in mouse peripheral blood reticulocytes demonstrates the transmission of chromosomal instability induced by mitomycin C and benzo[a]pyrene. Mutagenesis, 1993, 8, 407-410.	2.6	6
48	Identification of kinetochore-containing (CREST+) micronuclei in mouse bone marrow erythrocytes. Mutagenesis, 1992, 7, 195-198.	2.6	30
49	Persistence of chromosomal lesions induced in actively proliferating bone marrow cells of the mouse. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 269, 119-127.	1.0	8
50	Detection of aneuploidy in male germ cells of mice by means of a meiotic micronucleus assay. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 281, 187-191.	1.1	20
51	Further evidence for the aneuploidogenic properties of chelating agents: Induction of micronuclei in mouse male germ cells by EDTA. Environmental and Molecular Mutagenesis, 1992, 19, 125-131.	2.2	31
52	Origin of aneuploidy in relation to disturbances of cell-cycle progression. I. Effects of vinblastine on mouse bone marrow cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1990, 229, 29-36.	1.0	27
53	Segregation analysis of 1885 DMD families: significant departure from the expected proportion of sporadic cases. Human Genetics, 1990, 84, 522-6.	3.8	46
54	A concerted approach to the study of the aneuploidogenic properties of two chelating agents (EDTA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Molecular Mutagenesis, 1990, 15, 205-213.	2.2	12

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55	Lack of induction of somatic aneuploidy in the mouse by nitrilotriacetic acid (NTA). Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1989, 226, 111-114.	1.1	9
56	Inferences on the inheritance of congenital anomalies from temporal and spatial patterns of occurrence. Genetic Epidemiology, 1989, 6, 537-552.	1.3	4
57	Nitrilotriacetic acid (NTA) induces aneuploidy in drosophila and mouse germ-line cells. Environmental Mutagenesis, 1988, 12, 397-407.	1.4	21
58	Meiotic arrest and aneuploidy induced by vinblastine in mouse oocytes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 202, 215-221.	1.0	41
59	Surnames in ferrara: distribution, isonymy and levels of inbreeding. Annals of Human Biology, 1987, 14, 415-423.	1.0	31
60	Sporadic cases in Duchenne muscular dystrophy. Human Genetics, 1987, 76, 230-5.	3.8	9
61	Meiotic non-disjunction induced by fission neutrons relative to X-rays observed in mouse secondary spermatocytes II. Dose-effect relationships after treatment of pachytene cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1987, 176, 233-241.	1.0	8
62	Nondisjunction induced in mouse spermatogenesis by chloral hydrate, a metabolite of trichloroethylene. Environmental Mutagenesis, 1984, 6, 695-703.	1.4	58
63	Meiotic non-disjunction induced by fission neutrons relative to X-rays observed in mouse secondary spermatocytes I. The response of different cell stages to a single radiation dose. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1983, 108, 359-372.	1.0	12
64	Reciprocal Translocations in Ageing Mice and in Mice with Long-term Low-level²³⁹Pu Contamination. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1983, 43, 445-450.	1.0	4