

Antonella Testa

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,092
citations

331259

21
h-index

414034

32
g-index

41
all docs

41
docs citations

41
times ranked

1397
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | RENEB intercomparisons applying the conventional Dicentric Chromosome Assay (DCA). International Journal of Radiation Biology, 2017, 93, 20-29. | 1.0 | 77 |
| 2 | DNA damage repair and genetic polymorphisms: Assessment of individual sensitivity and repair capacity. International Journal of Radiation Oncology Biology Physics, 2006, 66, 537-545. | 0.4 | 68 |
| 3 | 935 MHz cellular phone radiation. An in vitro study of genotoxicity in human lymphocytes. International Journal of Radiation Biology, 2006, 82, 339-346. | 1.0 | 52 |
| 4 | RENEB – Running the European Network of biological dosimetry and physical retrospective dosimetry. International Journal of Radiation Biology, 2017, 93, 2-14. | 1.0 | 52 |
| 5 | Molecular biomonitoring of a population of nurses handling antineoplastic drugs. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 638, 75-82. | 0.4 | 50 |
| 6 | RENEB intercomparison exercises analyzing micronuclei (Cytokinesis-block Micronucleus Assay). International Journal of Radiation Biology, 2017, 93, 36-47. | 1.0 | 49 |
| 7 | Occupational exposure to antineoplastic agents induces a high level of chromosome damage. Lack of an effect of GST polymorphisms. Toxicology and Applied Pharmacology, 2007, 223, 46-55. | 1.3 | 48 |
| 8 | Integration of new biological and physical retrospective dosimetry methods into EU emergency response plans – joint RENEB and EURADOS inter-laboratory comparisons. International Journal of Radiation Biology, 2017, 93, 99-109. | 1.0 | 48 |
| 9 | Absence of genotoxicity in human blood cells exposed to 50 Hz magnetic fields as assessed by comet assay, chromosome aberration, micronucleus, and sister chromatid exchange analyses. Bioelectromagnetics, 2004, 25, 41-48. | 0.9 | 47 |
| 10 | Influence of glutathione S-transferase polymorphisms on genotoxic effects induced by tobacco smoke. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 633, 1-12. | 0.9 | 44 |
| 11 | Single-nucleotide polymorphisms in BER and HRR genes, XRCC1 haplotypes and breast cancer risk in Caucasian women. Journal of Cancer Research and Clinical Oncology, 2010, 136, 631-636. | 1.2 | 41 |
| 12 | DNA repair capacity and acute radiotherapy adverse effects in Italian breast cancer patients. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 684, 43-48. | 0.4 | 39 |
| 13 | A multi-biomarker analysis of DNA damage in automobile painters. Environmental and Molecular Mutagenesis, 2005, 46, 182-188. | 0.9 | 38 |
| 14 | Importance of the type of soil for the induction of micronuclei and the growth of primary roots of Vicia faba treated with the herbicides atrazine, glyphosate and maleic hydrazide. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1992, 279, 9-13. | 1.2 | 29 |
| 15 | Evaluation of Levodopa and Carbidopa Antioxidant Activity in Normal Human Lymphocytes In Vitro: Implication for Oxidative Stress in Parkinson's Disease. Neurotoxicity Research, 2015, 27, 106-117. | 1.3 | 29 |
| 16 | Induction of micronuclei in Vicia faba root tips treated in different soils with the herbicide alachlor. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1990, 241, 1-6. | 1.2 | 28 |
| 17 | Polymorphisms in base excision repair genes: Breast cancer risk and individual radiosensitivity. World Journal of Clinical Oncology, 2014, 5, 874. | 0.9 | 28 |
| 18 | Protective Effects of L-Dopa and Carbidopa Combined Treatments on Human Catecholaminergic Cells. DNA and Cell Biology, 2012, 31, 1572-1579. | 0.9 | 27 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Cytogenetic effects in lymphocytes from children exposed to radiation fall-out after the Chernobyl accident. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 395, 249-254. | 0.9 | 26 |
| 20 | Levodopa therapy reduces DNA damage in peripheral blood cells of patients with Parkinson's disease. <i>Cell Biology and Toxicology</i> , 2009, 25, 321-330. | 2.4 | 26 |
| 21 | Interaction between glutathione-S-transferase polymorphisms, smoking habit, and HPV infection in cervical cancer risk. <i>Journal of Cancer Research and Clinical Oncology</i> , 2010, 136, 1101-1109. | 1.2 | 24 |
| 22 | Evaluation of genotoxic effect of low level 50 Hz magnetic fields on human blood cells using different cytogenetic assays. <i>Bioelectromagnetics</i> , 2004, 25, 613-619. | 0.9 | 20 |
| 23 | Induction of micronuclei in <i>Vicia faba</i> root tips treated with heavy metals (cadmium and chromium) in the presence of NTA. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1988, 206, 311-315. | 1.2 | 17 |
| 24 | Cytogenetic biomonitoring on a group of petroleum refinery workers. <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 440-447. | 0.9 | 17 |
| 25 | RENEB/EURADOS field exercise 2019: robust dose estimation under outdoor conditions based on the dicentric chromosome assay. <i>International Journal of Radiation Biology</i> , 2021, 97, 1181-1198. | 1.0 | 17 |
| 26 | Cytogenetic biomonitoring carried out in a village (Dolon) adjacent to the Semipalatinsk nuclear weapon test site. <i>Radiation and Environmental Biophysics</i> , 2001, 40, 125-129. | 0.6 | 16 |
| 27 | Cytogenetic biomonitoring of workers from laboratories of clinical analyses occupationally exposed to chemicals. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 520, 73-82. | 0.9 | 16 |
| 28 | Web based scoring is useful for validation and harmonisation of scoring criteria within RENEB. <i>International Journal of Radiation Biology</i> , 2017, 93, 110-117. | 1.0 | 16 |
| 29 | Epidemiological, Clinical, and Molecular Study of a Cohort of Italian Parkinson Disease Patients: Association with Glutathione-S-Transferase and DNA Repair Gene Polymorphisms. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 673-680. | 1.7 | 15 |
| 30 | A multi-biomarker analysis of the antioxidant efficacy of Parkinson's disease therapy. <i>Toxicology in Vitro</i> , 2018, 47, 1-7. | 1.1 | 15 |
| 31 | Resveratrol affects DNA damage induced by ionizing radiation in human lymphocytes in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 806, 40-46. | 0.9 | 14 |
| 32 | Capabilities of the RENEB network for research and large scale radiological and nuclear emergency situations. <i>International Journal of Radiation Biology</i> , 2017, 93, 136-141. | 1.0 | 11 |
| 33 | Analysis of Radiation-Induced Chromosomal Aberrations on a Cell-by-Cell Basis after Alpha-Particle Microbeam Irradiation: Experimental Data and Simulations. <i>Radiation Research</i> , 2018, 189, 597-604. | 0.7 | 10 |
| 34 | Plutonium in soil from Dolon near the Semipalatinsk nuclear test site. <i>Radiochimica Acta</i> , 2001, 89, 371-376. | 0.5 | 9 |
| 35 | G0 and G2 Chromosomal Assays in the Evaluation of Radiosensitivity in a Cohort of Italian Breast Cancer Patients. <i>Journal of Radiation Research</i> , 2010, 51, 615-619. | 0.8 | 7 |
| 36 | â€BioQuaRTâ€ project: design of a novel <i>in situ</i> protocol for the simultaneous visualisation of chromosomal aberrations and micronuclei after irradiation at microbeam facilities. <i>Radiation Protection Dosimetry</i> , 2015, 166, 197-199. | 0.4 | 7 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Cytogenetic study on children living in Southern Urals contaminated areas (nuclear incidents) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 193-197. | 0.4 | 6 |
| 38 | DNA damage and related modifier genes in Italian Cystic fibrosis patients. Biological Research, 2009, 42, . | 1.5 | 4 |
| 39 | Protein oxidative damage and redox imbalance induced by ionising radiation in CHO cells. Free Radical Research, 2018, 52, 465-479. | 1.5 | 4 |
| 40 | Polymorphisms in X-Ray Repair Cross-Complementing Group 1 Gene: Haplotypes, Breast Cancer Risk and Individual Radiosensitivity. Open Medicine Journal, 2015, 2, 25-30. | 0.5 | 1 |