

# Delia Cavallo

## List of Publications by Year in descending order

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48  
papers

1,564  
citations

361413

20  
h-index

302126

39  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2124  
citing authors

#	ARTICLE	IF	CITATIONS
1	The HUman MicroNucleus project on eXfoliated buccal cells (HUMNXL): The role of life-style, host factors, occupational exposures, health status, and assay protocol. <i>Mutation Research - Reviews in Mutation Research</i> , 2011, 728, 88-97.	5.5	310
2	Evaluation of genotoxic effects induced by exposure to antineoplastic drugs in lymphocytes and exfoliated buccal cells of oncology nurses and pharmacy employees. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 587, 45-51.	1.7	101
3	Comparative cyto-genotoxicity assessment of functionalized and pristine multiwalled carbon nanotubes on human lung epithelial cells. <i>Toxicology in Vitro</i> , 2012, 26, 831-840.	2.4	87
4	Multiwalled carbon nanotubes induce cytotoxicity and genotoxicity in human lung epithelial cells. <i>Journal of Applied Toxicology</i> , 2012, 32, 454-464.	2.8	75
5	Genotoxic risk and oxidative DNA damage in workers exposed to antimony trioxide. <i>Environmental and Molecular Mutagenesis</i> , 2002, 40, 184-189.	2.2	70
6	Evaluation of uptake, cytotoxicity and inflammatory effects in respiratory cells exposed to pristine and -OH and -COOH functionalized multiwall carbon nanotubes. <i>Journal of Applied Toxicology</i> , 2016, 36, 394-403.	2.8	64
7	Occupational exposure in airport personnel: Characterization and evaluation of genotoxic and oxidative effects. <i>Toxicology</i> , 2006, 223, 26-35.	4.2	63
8	Evaluation of early DNA damage in healthcare workers handling antineoplastic drugs. <i>International Archives of Occupational and Environmental Health</i> , 2006, 80, 134-140.	2.3	58
9	Evaluation of a suitable DNA damage biomarker for human biomonitoring of exposed workers. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 781-790.	2.2	54
10	Evaluation of cytotoxic, genotoxic and inflammatory response in human alveolar and bronchial epithelial cells exposed to titanium dioxide nanoparticles. <i>Journal of Applied Toxicology</i> , 2014, 34, 1209-1219.	2.8	54
11	Cytotoxic and oxidative effects induced by man-made vitreous fibers (MMVFs) in a human mesothelial cell line. <i>Toxicology</i> , 2004, 201, 219-229.	4.2	52
12	Micronucleus induction and FISH analysis in buccal cells and lymphocytes of nurses administering antineoplastic drugs. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 628, 11-18.	1.7	49
13	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108371.	5.5	45
14	Investigation on cobalt oxide nanoparticles cyto-genotoxicity and inflammatory response in two types of respiratory cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 1102-1113.	2.8	44
15	Effects of 50 Hz magnetic fields on mouse spermatogenesis monitored by flow cytometric analysis. <i>Bioelectromagnetics</i> , 1995, 16, 330-334.	1.6	42
16	Cytotoxicity and DNA-damage in human lung epithelial cells exposed to respirable $\alpha$ -quartz. <i>Toxicology in Vitro</i> , 2007, 21, 586-594.	2.4	41
17	Differences in Cytotoxic, Genotoxic, and Inflammatory Response of Bronchial and Alveolar Human Lung Epithelial Cells to Pristine and COOH-Functionalized Multiwalled Carbon Nanotubes. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	36
18	Evaluation of DNA damage in flight personnel by Comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 516, 148-152.	1.7	23

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19	Occupational exposure to graphene and silica nanoparticles. Part II: pilot study to identify a panel of sensitive biomarkers of genotoxic, oxidative and inflammatory effects on suitable biological matrices. <i>Nanotoxicology</i> , 2021, 15, 223-237.	3.0	23
20	Study of Cytotoxic and Genotoxic Effects of Hydroxyl-Functionalized Multiwalled Carbon Nanotubes on Human Pulmonary Cells. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-9.	2.7	22
21	Chromosomal aberrations in long-haul air crew members. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 513, 11-15.	1.7	20
22	Direct oxidative DNA damage and apoptosis induction in different human respiratory cells exposed to low concentrations of sodium chromate. <i>Journal of Applied Toxicology</i> , 2010, 30, 218-225.	2.8	17
23	Biomarkers of early genotoxicity and oxidative stress for occupational risk assessment of exposure to styrene in the fibreglass reinforced plastic industry. <i>Toxicology Letters</i> , 2018, 298, 53-59.	0.8	17
24	Direct and Oxidative DNA Damage in a Group of Painters Exposed to VOCs: Dose – Response Relationship. <i>Frontiers in Public Health</i> , 2020, 8, 445.	2.7	15
25	Assessment of the Influence of Crystalline Form on Cyto-Genotoxic and Inflammatory Effects Induced by TiO <sub>2</sub> Nanoparticles on Human Bronchial and Alveolar Cells. <i>Nanomaterials</i> , 2021, 11, 253.	4.1	14
26	Cyto-genotoxic effects of smoke from commercial filter and non-filter cigarettes on human bronchial and pulmonary cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 750, 1-11.	1.7	13
27	Detection of fetal trisomy 18 by short-term culture of maternal peripheral blood. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 222-225.	1.3	12
28	DNA damage and TNF $\alpha$ cytokine production in hairdressers with contact dermatitis. <i>Contact Dermatitis</i> , 2005, 53, 125-129.	1.4	12
29	Assessment of DNA Damage and Telomerase Activity in Exfoliated Urinary Cells as Sensitive and Noninvasive Biomarkers for Early Diagnosis of Bladder Cancer in Ex-Workers of a Rubber Tyres Industry. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	12
30	Sex Identification in the Egyptian Vulture by Flow Cytometry and Cytogenetics. <i>Condor</i> , 1997, 99, 829-832.	1.6	11
31	Environmental/Occupational Exposure to Radon and Non-Pulmonary Neoplasm Risk: A Review of Epidemiologic Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10466.	2.6	11
32	Biological and Clinical Implication of Cellular DNA Content in Renal Cell Carcinomas. <i>European Urology</i> , 1992, 21, 43-47.	1.9	10
33	Use of a common European approach for nanomaterials™ testing to support regulation: a case study on titanium and silicon dioxide representative nanomaterials. <i>Journal of Applied Toxicology</i> , 2020, 40, 1511-1525.	2.8	10
34	Occupational Exposure in Industrial Painters: Sensitive and Noninvasive Biomarkers to Evaluate Early Cytotoxicity, Genotoxicity and Oxidative Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4645.	2.6	10
35	Sex Difference and Benzene Exposure: Does It Matter?. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2339.	2.6	10
36	Flow cytometric and cytogenetic analyses in human spontaneous abortions. <i>Human Genetics</i> , 1993, 91, 409-415.	3.8	9

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37	Evaluation of cytotoxic concentrationâ€time response in A549 cells exposed to respirable <i>Î±</i>â€quartz. <i>Journal of Applied Toxicology</i> , 2009, 29, 537-544.	2.8	9
38	The Prognostic Value of DNA Content in Patients with Prostatic Carcinoma. <i>European Urology</i> , 1992, 21, 92-95.	1.9	5
39	Susceptibility biomarker detection in urine exfoliate DNA. <i>Biomarkers in Medicine</i> , 2017, 11, 957-966.	1.4	5
40	New formaldehyde-free adhesives for wood manufacturing: In vitro evaluation of potential toxicity of fine dust collected during wood sawing using a new experimental model to simulate occupational inhalation exposure. <i>Toxicology</i> , 2022, 466, 153085.	4.2	5
41	Detection of Cellular Heterogeneity by DNA Ploidy, 17 Chromosome, and p53 Gene in Primary Carcinoma and Metastasis in a Case of Ovarian Cancer. <i>International Journal of Gynecological Pathology</i> , 1996, 15, 77-81.	1.4	4
42	Genome size variation in parrots: longevity and flying ability. <i>Journal of Avian Biology</i> , 2008, 39, 453-459.	1.2	4
43	Alkaline earth silicate (AES) wools: Evaluation of potential cyto-genotoxic and inflammatory effects on human respiratory cells. <i>Toxicology in Vitro</i> , 2019, 59, 228-237.	2.4	4
44	Children Exposed to Chronic Contamination after the Chernobyl Accident: Cytogenetic and Radiotoxicological Analyses. <i>Archives of Environmental Health</i> , 1998, 53, 344-346.	0.4	3
45	Oxidative DNA Damage and Oxidant/Anti-Oxidant Enzymatic Systems in Carcinogenesis and Cancer Progression. <i>Current Enzyme Inhibition</i> , 2007, 3, 254-263.	0.4	3
46	Biomonitoring of workers employed in a titanium dioxide production plant: Use of buccal micronucleus cytome assay as noninvasive biomarker to evaluate genotoxic and cytotoxic effects. <i>Environmental and Molecular Mutagenesis</i> , 2021, 62, 242-251.	2.2	3
47	Cytoâ€genotoxic and inflammatory effects of commercial Linde Type A (LTA) nanozeolites on human alveolar epithelial cells. <i>Journal of Applied Toxicology</i> , 2020, 40, 592-599.	2.8	2
48	Evaluation of Direct-Oxidative DNA Damage on Human Lung Epithelial Cells Exposed to Urban Airborne Particulate Matter. <i>Water, Air and Soil Pollution</i> , 2009, 9, 69-77.	0.8	1