

Diana Anderson

List of Publications by Year in descending order

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217
papers

12,051
citations

53794

45
h-index

28297

105
g-index

224
all docs

224
docs citations

224
times ranked

11546
citing authors

#	ARTICLE	IF	CITATIONS
1	Single cell gel/comet assay: Guidelines for in vitro and in vivo genetic toxicology testing. Environmental and Molecular Mutagenesis, 2000, 35, 206-221.	2.2	4,049
2	IPCS guidelines for the monitoring of genotoxic effects of carcinogens in humans. Mutation Research - Reviews in Mutation Research, 2000, 463, 111-172.	5.5	626
3	Zinc oxide nanoparticles induce oxidative DNA damage and ROS-triggered mitochondria mediated apoptosis in human liver cells (HepG2). Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 852-870.	4.9	626
4	Evaluation of six short term tests for detecting organic chemical carcinogens and recommendations for their use. Nature, 1976, 264, 624-627.	27.8	277
5	In vivo rodent erythrocyte micronucleus assay. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1994, 312, 293-304.	0.4	243
6	Cyclophosphamide: Review of its mutagenicity for an assessment of potential germ cell risks. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1995, 330, 115-181.	1.0	235
7	The effects of male age on sperm DNA damage in healthy non-smokers. Human Reproduction, 2007, 22, 180-187.	0.9	210
8	Mutagenicity testing for chemical risk assessment: update of the WHO/IPCS Harmonized Scheme. Mutagenesis, 2009, 24, 341-349.	2.6	193
9	Comet assay responses as indicators of carcinogen exposure. Mutagenesis, 1998, 13, 539-555.	2.6	165
10	Zinc Oxide Nanoparticle Induced Genotoxicity in Primary Human Epidermal Keratinocytes. Journal of Nanoscience and Nanotechnology, 2011, 11, 3782-3788.	0.9	145
11	Antioxidant defences against reactive oxygen species causing genetic and other damage. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 350, 103-108.	1.0	139
12	Automated image analysis of cytokinesis-blocked micronuclei: an adapted protocol and a validated scoring procedure for biomonitoring. Mutagenesis, 2008, 24, 85-93.	2.6	138
13	Genotoxicity and cytotoxicity of zinc oxide and titanium dioxide in HEp-2 cells. Nanomedicine, 2010, 5, 1193-1203.	3.3	135
14	Reactive oxygen species-induced DNA damage and its modification: A chemical investigation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 379, 201-210.	1.0	131
15	Zinc Oxide Nanoparticles Induce Oxidative Stress and Genotoxicity in Human Liver Cells (HepG2). Journal of Biomedical Nanotechnology, 2011, 7, 98-99.	1.1	120
16	Oestrogenic compounds and oxidative stress (in human sperm and lymphocytes in the Comet assay). Mutation Research - Reviews in Mutation Research, 2003, 544, 173-178.	5.5	108
17	Modulation of the Cytotoxicity and Genotoxicity of the Drinking Water Disinfection Byproduct Iodoacetic Acid by Suppressors of Oxidative Stress. Environmental Science & Technology, 2006, 40, 1878-1883.	10.0	104
18	Monitoring of occupational exposure to cytostatic anticancer agents. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 355, 253-261.	1.0	102

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19	Genetic effects of ethanol. Mutation Research - Reviews in Genetic Toxicology, 1987, 186, 177-200.	2.9	97
20	Antioxidants and the Comet assay. Mutation Research - Reviews in Mutation Research, 2009, 681, 51-67.	5.5	94
21	Cadmium chloride-induced DNA and lysosomal damage in a hepatoma cell line. Toxicology in Vitro, 2005, 19, 481-489.	2.4	92
22	The effect of zinc oxide and titanium dioxide nanoparticles in the Comet assay with UVA photoactivation of human sperm and lymphocytes. Nanotoxicology, 2009, 3, 33-39.	3.0	85
23	Melanin protects melanocytes and keratinocytes against H ₂ O ₂ -induced DNA strand breaks through its ability to bind Ca ²⁺ . Experimental Cell Research, 2004, 294, 60-67.	2.6	83
24	Analysis of mutagens with single cell gel electrophoresis, flow cytometry, and forward mutation assays in an isolated clone of Chinese hamster ovary cells. , 1998, 32, 360-368.		78
25	Cigarette smoke-induced transgenerational alterations in genome stability in cord blood of human F1 offspring. FASEB Journal, 2012, 26, 3946-3956.	0.5	74
26	Chromosome aberrations, mitogen-induced blastogenesis and proliferative rate index in peripheral lymphocytes from 106 control individuals of the U.K. population. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1988, 204, 407-420.	1.2	73
27	Effect of various genotoxins and reproductive toxins in human lymphocytes and sperm in the Comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 1997, 17, 29-43.	0.8	73
28	Modulating effects of flavonoids on food mutagens in human blood and sperm samples in the Comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 1997, 17, 45-58.	0.8	72
29	Antioxidants modulate thyroid hormone- and noradrenaline-induced DNA damage in human sperm. Mutagenesis, 2004, 19, 325-330.	2.6	72
30	The Antiviral, Anti-Inflammatory Effects of Natural Medicinal Herbs and Mushrooms and SARS-CoV-2 Infection. Nutrients, 2020, 12, 2573.	4.1	66
31	In vitro evaluation of baseline and induced DNA damage in human sperm exposed to benzo[a]pyrene or its metabolite benzo[a]pyrene-7,8-diol-9,10-epoxide, using the comet assay. Mutagenesis, 2010, 25, 417-425.	2.6	61
32	Modulation by flavonoids of DNA damage induced by estrogen-like compounds. Environmental and Molecular Mutagenesis, 2004, 44, 420-426.	2.2	60
33	Evaluation of the antigenotoxic potential of monomeric and dimeric flavanols, and black tea polyphenols against heterocyclic amine-induced DNA damage in human lymphocytes using the Comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2002, 515, 39-56.	1.7	59
34	A study of the toxic hazard that might be associated with the consumption of green potato tops. Food and Chemical Toxicology, 1996, 34, 439-448.	3.6	57
35	Effect of some phthalate esters in human cells in the Comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 1999, 19, 275-280.	0.8	57
36	Aneugenic and clastogenic effects of doxorubicin in human lymphocytes. Mutagenesis, 2003, 18, 487-490.	2.6	57

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37	The genotoxic potential of bases and nucleosides. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1981, 91, 265-272.	1.1	56
38	An investigation of the DNA-damaging ability of benzene and its metabolites in human lymphocytes, using the comet assay. Environmental and Molecular Mutagenesis, 1995, 26, 305-314.	2.2	55
39	Micronutrients intake is associated with improved sperm DNA quality in older men. Fertility and Sterility, 2012, 98, 1130-1137.e1.	1.0	55
40	The comet assay in male reproductive toxicology. Cell Biology and Toxicology, 2009, 25, 81-98.	5.3	53
41	Comparative In Vitro and In Vivo Effects of Antioxidants. Food and Chemical Toxicology, 1999, 37, 1015-1025.	3.6	52
42	Variation in sister-chromatid exchange among 106 members of the general U.K. population. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1986, 171, 43-51.	1.2	51
43	An investigation of some Turkish herbal medicines in Salmonella typhimurium and in the COMET assay in human lymphocytes. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 125-138.	0.8	50
44	The induction of thymidine- and IUdR-resistant variants in P388 mouse lymphoma cells by x-rays, UV and mono- and bi- functional alkylating agents. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1974, 25, 107-122.	1.0	48
45	Issues relevant to the assessment of chemically induced chromosome damage in vivo and their relationship to chemical mutagenesis. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1981, 90, 261-272.	1.2	45
46	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. Mutation Research - Reviews in Mutation Research, 2021, 787, 108371.	5.5	45
47	Estrogens Can Contribute to Hydrogen Peroxide Generation and Quinone-Mediated DNA Damage in Peripheral Blood Lymphocytes from Patients with Vitiligo. Journal of Investigative Dermatology, 2006, 126, 1036-1042.	0.7	44
48	The protective effect of the flavonoids on food-mutagen-induced DNA damage in peripheral blood lymphocytes from colon cancer patients. Food and Chemical Toxicology, 2012, 50, 124-129.	3.6	44
49	Chromosome aberrations (CA), sister-chromatid exchanges (SCE) and mitogen-induced blastogenesis in cultured peripheral lymphocytes from 48 control individuals sampled 8 times over 2 years. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 250, 467-476.	1.0	43
50	Effects in the comet assay of storage conditions on human blood. Teratogenesis, Carcinogenesis, and Mutagenesis, 1997, 17, 115-125.	0.8	43
51	Assessment of okadaic acid effects on cytotoxicity, DNA damage and DNA repair in human cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 689, 74-79.	1.0	43
52	Environmental lead exposure increases micronuclei in children. Mutagenesis, 2007, 22, 201-207.	2.6	42
53	Incomplete protection of genetic integrity of mature spermatozoa against oxidative stress. Reproductive Toxicology, 2011, 32, 106-111.	2.9	41
54	Male-mediated developmental toxicity. Asian Journal of Andrology, 2014, 16, 81.	1.6	41

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55	Malformations induced in cultured rat embryos by enzymically generated active oxygen species. Teratogenesis, Carcinogenesis, and Mutagenesis, 1986, 6, 547-554.	0.8	40
56	Induction of oxidative DNA damage by the marine toxin okadaic acid depends on human cell type. Toxicol, 2011, 57, 882-888.	1.6	40
57	Chromosomal analyses in vinyl chloride exposed workers. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1980, 79, 151-162.	1.2	39
58	Zinc oxide nanoparticles affect the expression of p53, Ras p21 and JNKs: an ex vivo/in vitro exposure study in respiratory disease patients. Mutagenesis, 2015, 30, 237-245.	2.6	39
59	Increased incidence of abnormal foetuses in the offspring of cyclophosphamide-treated male mice. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1987, 188, 57-62.	1.2	37
60	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
61	Calibration of the single cell gel electrophoresis assay, flow cytometry analysis and forward mutation in Chinese hamster ovary cells. Mutagenesis, 1998, 13, 81-84.	2.6	36
62	Use of spermatozoal mRNA profiles to study gene-environment interactions in human germ cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 667, 70-76.	1.0	36
63	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. Scientific Reports, 2021, 11, 16793.	3.3	36
64	Parallel evaluation of doxorubicin-induced genetic damage in human lymphocytes and sperm using the comet assay and spectral karyotyping. Mutagenesis, 2004, 19, 313-318.	2.6	35
65	Comet-assay parameters as rapid biomarkers of exposure to dietary/environmental compounds-An in vitro feasibility study on spermatozoa and lymphocytes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 743, 25-35.	1.7	35
66	Vinyl chloride: Dominant lethal studies in male CD-1 mice. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1976, 40, 359-370.	1.2	34
67	Report from the working group on the in vivo mammalian bone marrow chromosomal aberration test. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1994, 312, 305-312.	0.4	34
68	Multipronged evaluation of genotoxicity in Indian petrol-pump workers. Environmental and Molecular Mutagenesis, 2008, 49, 695-707.	2.2	34
69	An investigation of bone marrow and testicular cells in vivo using the comet assay. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 370, 159-174.	1.2	33
70	The effect of the antioxidant catalase on oestrogens, triiodothyronine, and noradrenaline in the Comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 2003, 23, 69-81.	0.8	33
71	Male-mediated developmental toxicity. Toxicology and Applied Pharmacology, 2005, 207, 506-513.	2.8	33
72	Mechanism of Inhibition of the ATPase Domain of Human Topoisomerase III α by 1,4-Benzoquinone, 1,2-Naphthoquinone, 1,4-Naphthoquinone, and 9,10-Phenanthroquinone. Toxicological Sciences, 2012, 126, 372-390.	3.1	33

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73	The Comet Assay in Human Biomonitoring. <i>Methods in Molecular Biology</i> , 2013, 1044, 347-362.	0.9	31
74	Genetic and reproductive toxicity of butadiene and isoprene. <i>Chemico-Biological Interactions</i> , 2001, 135-136, 65-80.	4.0	30
75	Male-mediated F1 effects in mice exposed to 1,3-butadiene. <i>Toxicology</i> , 1996, 113, 120-127.	4.2	29
76	Evaluation of the genotoxicity of 10 selected dietary/environmental compounds with the in vitro micronucleus cytokinesis-block assay in an interlaboratory comparison. <i>Food and Chemical Toxicology</i> , 2010, 48, 2612-2623.	3.6	29
77	Effect of ethylene glycol monomethyl ether on spermatogenesis, dominant lethality, and F1 abnormalities in the rat and the mouse after treatment of F0 males. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1987, 7, 141-158.	0.8	28
78	Monitoring of exposure to styrene oxide by GC-MS analysis of phenylhydroxyethyl esters in hemoglobin. <i>Archives of Toxicology</i> , 1993, 67, 28-33.	4.2	28
79	Flavonoids inhibit the genotoxicity of hydrogen peroxide (H ₂ O ₂) and of the food mutagen 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) in lymphocytes from patients with inflammatory bowel disease (IBD). <i>Mutagenesis</i> , 2009, 24, 405-411.	2.6	28
80	Characteristics of spontaneous and induced thymidine and 5-iodo-2-deoxyuridine resistant clones of mouse lymphoma cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1974, 25, 89-105.	1.0	27
81	The effect of solvents upon the yield of revertants in the Salmonella/activation mutagenicity assay. <i>Carcinogenesis</i> , 1980, 1, 363-366.	2.8	27
82	Genotoxic and antigenotoxic properties of selenium compounds in their vitromicronucleus assay with human whole blood lymphocytes and tk6 lymphoblastoid cells. <i>Scientific World Journal</i> , The, 2006, 6, 1202-1210.	2.1	27
83	Tea phenols in bulk and nanoparticle form modify DNA damage in human lymphocytes from colon cancer patients and healthy individuals treated <i>in vitro</i> with platinum-based chemotherapeutic drugs. <i>Nanomedicine</i> , 2013, 8, 389-401.	3.3	27
84	Antigenotoxic properties of selenium compounds on potassium dichromate and hydrogen peroxide. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 53-67.	0.8	26
85	Effect of drinking water disinfection by-products in human peripheral blood lymphocytes and sperm. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 770, 136-143.	1.0	26
86	Genetic effects of 1,3-butadiene on the mouse testis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 397, 67-75.	1.0	25
87	Dominant-lethal test results with known mutagens in two laboratories. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1977, 43, 231-246.	1.0	24
88	Toxicity mechanisms of nanoparticles in the male reproductive system. <i>Drug Metabolism Reviews</i> , 2021, 53, 604-617.	3.6	24
89	Chaga mushroom extract inhibits oxidative DNA damage in lymphocytes of patients with inflammatory bowel disease. <i>BioFactors</i> , 2007, 31, 191-200.	5.4	23
90	Factors that contribute to biomarker responses in humans including a study in individuals taking Vitamin C supplementation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 480-481, 337-347.	1.0	22

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91	Chromosomal analyses in vinyl chloride-exposed workers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1978, 57, 325-334.	1.0	21
92	DNA integrity in human sperm. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1997, 17, 97-102.	0.8	21
93	Evaluation of EMS-induced DNA damage in the single cell gel electrophoresis (Comet) assay and with flow cytometric analysis of micronuclei. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 1-11.	0.8	21
94	Sensitivity and specificity of the empirical lymphocyte genome sensitivity (LGS) assay: implications for improving cancer diagnostics. <i>FASEB Journal</i> , 2014, 28, 4563-4570.	0.5	21
95	Dominant lethal studies with paraquat and diquat in male CD-1 mice. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1976, 40, 349-358.	1.2	20
96	Effects of the anti-malarial compound cryptolepine and its analogues in human lymphocytes and sperm in the Comet assay. <i>Toxicology Letters</i> , 2011, 207, 322-325.	0.8	20
97	Diethylstilbestrol induces oxidative DNA damage, resulting in apoptosis of spermatogonial stem cells in vitro. <i>Toxicology</i> , 2017, 382, 117-121.	4.2	20
98	Analysis of DNA Damage via Single-Cell Electrophoresis. <i>Methods in Molecular Biology</i> , 2013, 1054, 209-218.	0.9	19
99	Genotoxicity of 4-aminodiphenylamine and 2-aminofluorene in <i>Salmonella typhimurium</i> and human lymphocytes with and without plant activation. <i>Environmental and Molecular Mutagenesis</i> , 1995, 26, 171-177.	2.2	18
100	Effect of iron salts, haemosiderins, and chelating agents on the lymphocytes of a thalassaemia patient without chelation therapy as measured in the comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2000, 20, 251-264.	0.8	18
101	Dominant lethal studies with the halogenated olefins vinyl chloride and vinylidene dichloride in male CD-1 mice. <i>Environmental Health Perspectives</i> , 1977, 21, 71-78.	6.0	17
102	Mechanistic Investigation of ROS-Induced DNA Damage by Oestrogenic Compounds in Lymphocytes and Sperm Using the Comet Assay. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2783-2796.	4.1	17
103	Launch of the ComNet (comet network) project on the comet assay in human population studies during the International Comet Assay Workshop meeting in Kusadasi, Turkey (September 13-16, 2011). <i>Mutagenesis</i> , 2012, 27, 385-386.	2.6	17
104	In vitro sensitivities to UVA of lymphocytes from patients with colon and melanoma cancers and precancerous states in the micronucleus and the Comet assays. <i>Mutagenesis</i> , 2012, 27, 351-357.	2.6	17
105	Tumours and malformations in the adult offspring of cyclophosphamide-treated and control male rats – Preliminary communication. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1990, 229, 239-246.	1.0	16
106	Detection of CYP1A1 mRNA levels and CYP1A1Msp 1 polymorphisms as possible biomarkers of exposure and susceptibility in smokers and non-smokers. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1996, 16, 65-74.	0.8	16
107	Mutagenic effect of amniotic fluid from smoking women at term. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1986, 171, 71-77.	1.2	15
108	The mutagenic properties of N-nitrosopeptides in the Ames test. <i>Toxicology Letters</i> , 1985, 26, 89-93.	0.8	14

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109	Quinones are reduced by 6-tetrahydrobiopterin in human keratinocytes, melanocytes, and melanoma cells. <i>Free Radical Biology and Medicine</i> , 2008, 44, 538-546.	2.9	14
110	Investigation on the mechanisms of genotoxicity of butadiene, styrene and their combination in human lymphocytes using the Comet assay. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 664, 69-76.	1.0	14
111	DNA Damage in Healthy Individuals and Respiratory Patients after Treating Whole Blood In vitro with the Bulk and Nano Forms of NSAIDs. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 50.	3.5	14
112	An international collaborative study of "genetic drift"™ in Salmonella typhimurium strains used in the Ames test. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1984, 130, 1-10.	0.4	13
113	The protective effects of L-ascorbic acid and DL-α-tocopherol on cultured rat embryos treated with xanthine/xanthine oxidase. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1989, 214, 137-145.	1.0	13
114	Factors contributing to biomarker responses in exposed workers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 428, 197-202.	1.0	12
115	Antimutagenic activity of chemical fractions isolated from a commercial soybean processing by-product. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1999, 19, 121-135.	0.8	12
116	The effect of potassium diazoacetate on human peripheral lymphocytes, human adenocarcinoma colon caco-2 cells, and rat primary colon cells in the comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1999, 19, 137-146.	0.8	12
117	Detection of phase specificity of in vivo germ cell mutagens in an in vitro germ cell system. <i>Toxicology</i> , 2016, 353-354, 1-10.	4.2	12
118	Overview of male-mediated developmental toxicity. <i>Advances in Experimental Medicine and Biology</i> , 2003, 518, 11-24.	1.6	12
119	The potential carcinogenicity of methyl fluorosulphonate (CH ₃ OSO ₃ F; magic methyl). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1978, 51, 285-287.	1.0	11
120	Comparison of dominant lethal and heritable translocation methodologies. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1981, 85, 417-429.	0.4	11
121	Effect of antioxidant flavonoids and a food mutagen on lymphocytes of a thalassemia patient without chelation therapy in the Comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2001, 21, 165-174.	0.8	11
122	The effect of dietary estimates calculated using food frequency questionnaires on micronuclei formation in European pregnant women: a NewGeneris study. <i>Mutagenesis</i> , 2014, 29, 393-400.	2.6	11
123	Titanium Dioxide Nanoparticles Induce DNA Damage in Peripheral Blood Lymphocytes from Polyposis coli, Colon Cancer Patients and Healthy Individuals: An Ex Vivo/In Vitro Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 9274-9285.	0.9	11
124	The selection and induction of 5-IODO-2-deoxyuridine and thymidine variants of P388 mouse lymphoma cells with agents which are used for selection. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1975, 33, 399-405.	1.0	10
125	The relationship between early deaths and implants in control and mutagen-treated CD-1 mice in dominant lethal assays. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1981, 81, 187-196.	1.0	10
126	Study of the amniotic fluid from smokers and non-smokers in the Ames test. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1986, 169, 11-16.	1.2	10

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127	Factors affecting various biomarkers in untreated lung cancer patients and healthy donors. , 1997, 30, 205-216.		10
128	Human monitoring. , 1997, 30, 95-96.		10
129	Development of an in vitro test system for assessment of male, reproductive toxicity. Toxicology Letters, 2014, 225, 86-91.	0.8	10
130	Aspirin and ibuprofen, in bulk and nanoforms: Effects on DNA damage in peripheral lymphocytes from breast cancer patients and healthy individuals. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 826, 41-46.	1.7	10
131	DNA damage protection by bulk and nano forms of quercetin in lymphocytes of patients with chronic obstructive pulmonary disease exposed to the food mutagen 2-amino-3-methylimidazo [4,5-f]quinolone (IQ). Environmental Research, 2018, 166, 10-15.	7.5	10
132	ROS-induced oxidative damage in lymphocytes ex vivo/in vitro from healthy individuals and MGUS patients: protection by myricetin bulk and nanoforms. Archives of Toxicology, 2020, 94, 1229-1239.	4.2	10
133	Sister-chromatid exchanges in 52 Korean women living in the vicinity of an industrial complex. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1989, 224, 511-515.	1.2	9
134	The Modulating Effects of Antioxidants in Rat Embryos and Sertoli Cells in Culture. , 1993, 61, 189-200.		9
135	Modulation by flavonoids of the effects of a food mutagen in different thalassaemia genotypes in the Comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 2003, 23, 93-102.	0.8	9
136	The responses of lymphocytes from Asian and Caucasian diabetic patients and non-diabetics to hydrogen peroxide and sodium nitrite in the Comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2006, 609, 154-164.	1.7	9
137	Germ cell responses to doxorubicin exposure in vitro. Toxicology Letters, 2017, 265, 70-76.	0.8	9
138	Silver nanoparticle-mediated cellular responses in isolated primary Sertoli cells in vitro. Food and Chemical Toxicology, 2018, 116, 182-188.	3.6	9
139	Anticancer potential of myricetin bulk and nano forms in vitro in lymphocytes from myeloma patients. Archives of Toxicology, 2021, 95, 337-343.	4.2	9
140	Irradiated laboratory animal diets. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1981, 80, 333-345.	1.0	8
141	The parallelogram approach in studies of genotoxic effects. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1994, 313, 101-115.	0.4	8
142	Butadiene: species comparison for metabolism and genetic toxicology. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 405, 247-258.	1.0	8
143	Comet assay and flow cytometry analysis of DNA repair in normal and cancer cells treated with known mutagens with different mechanisms of action. Teratogenesis, Carcinogenesis, and Mutagenesis, 2003, 23, 13-29.	0.8	8
144	In vitro susceptibilities in lymphocytes from mothers and cord blood to the monofunctional alkylating agent EMS. Mutagenesis, 2007, 22, 123-127.	2.6	8

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145	<i>In vitro</i> responses to known <i>in vivo</i> genotoxic agents in mouse germ cells. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 99-107.	2.2	8
146	Nitrofurazone "Genotoxicity studies in mammalian cells <i>in vitro</i> and <i>in vivo</i> . <i>Food and Chemical Toxicology</i> , 1985, 23, 1091-1098.	3.6	7
147	Germ and somatic cell abnormalities following <i>in vivo</i> administration of thymidine and adenine. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1988, 200, 249-254.	1.0	7
148	Limited cancer bioassay to test a potential food chemical. <i>Lancet, The</i> , 1994, 344, 343-344.	13.7	7
149	Oxygen-induced DNA damage in freshly isolated brain cells compared with cultured astrocytes in the Comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 43-52.	0.8	7
150	<i>In vitro</i> studies of DNA damage and its repair in cells from NHL patients with different p53 mutant protein status, resistant (p53+) and sensitive (p53 ^Δ) to cancer chemotherapy. <i>Journal of Pharmacological and Toxicological Methods</i> , 2007, 55, 58-64.	0.7	7
151	An evaluation of DNA damage in human lymphocytes and sperm exposed to methyl methanesulfonate involving the regulation pathways associated with apoptosis. <i>Chemosphere</i> , 2017, 185, 709-716.	8.2	7
152	An <i>in vitro</i> investigation into the protective and genotoxic effects of myricetin bulk and nano forms in lymphocytes of MGUS patients and healthy individuals. <i>Toxicology Letters</i> , 2020, 327, 33-40.	0.8	7
153	Attempts to produce systems for isolating spontaneous and induced variants in various mouse lymphoma cells using a variety of selective agents. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1975, 33, 407-415.	1.0	6
154	An appraisal of mutagenicity test systems. A review. <i>Analyst, The</i> , 1981, 106, 1.	3.5	6
155	Effects of the nitropeptide N-(N-acetyl-L-prolyl)-N-nitrosoglycine on <i>Salmonella typhimurium</i> TA100 in the host-mediated assay in mice. <i>Food and Chemical Toxicology</i> , 1988, 26, 917-919.	3.6	6
156	Biological Monitoring of Workers Exposed to Emissions from Petroleum Plants. <i>Environmental Health Perspectives</i> , 1996, 104, 609.	6.0	6
157	Sensitivity of different thalassaemia genotypes to food mutagens in the Comet assay. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 83-91.	0.8	6
158	An <i>in vitro</i> model to study chemoresistance in non-Hodgkin's lymphoma patients over-expressing mutant p53. <i>Journal of Pharmacological and Toxicological Methods</i> , 2007, 55, 151-158.	0.7	6
159	Effect of Nanoparticles on Human Cells from Healthy Individuals and Patients with Respiratory Diseases. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 26-27.	1.1	6
160	The effects of S9 mix from rat oesophagus, salivary gland, and liver on the mutagenicity of the rat oesophageal carcinogen N-nitroso-N-methylaniline in the <i>Salmonella typhimurium</i> assay. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1985, 142, 13-18.	1.1	5
161	Mutagens in cooked foods " and the assessment of their potential risk to health. <i>Nutrition Bulletin</i> , 1989, 14, 182-190.	1.8	5
162	Expression of ras (p21) protein in plasma from exposed workers and from patients with lung disease. <i>International Journal of Hygiene and Environmental Health</i> , 2001, 204, 55-60.	4.3	5

#	ARTICLE	IF	CITATIONS
163	Interferon- β liposome: a new system to improve drug delivery in the treatment of lung cancer. ERJ Open Research, 2021, 7, 00555-2020.	2.6	5
164	Induction of Mutation and Chromosome Damage by Excess Bases and Nucleosides. , 1985, 31, 283-295.		5
165	The Comet Assay in Human Biomonitoring. Methods in Molecular Biology, 2019, 2031, 259-274.	0.9	5
166	Cytogenetic In Vivo Assays in Somatic Cells. Methods in Molecular Biology, 2012, 817, 271-304.	0.9	5
167	Safety Testing of Novel Food Products Generated by Biotechnology and Genetic Manipulation. , 1990, , 325-362.		5
168	<i>In Vitro&/i> Investigation of DNA Damage Induced by the DNA Cross-Linking Agents Oxaliplatin and Satraplatin in Lymphocytes of Colorectal Cancer Patients. Journal of Cancer Therapy, 2012, 03, 78-89.	0.4	5
169	Influence of phagocyte-derived active oxygen species in tissue responses to tumour promoters and irritants. Food and Chemical Toxicology, 1986, 24, 681-683.	3.6	4
170	The use of a battery of strains of mice in a factorial design to study the induction of dominant lethal mutations. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1987, 187, 37-44.	1.2	4
171	Inhibition of survivin expression after using oxaliplatin and vinflunine to induce cytogenetic damage in vitro in lymphocytes from colon cancer patients and healthy individuals. Mutagenesis, 2017, 32, 517-524.	2.6	4
172	Using a Modified Lymphocyte Genome Sensitivity (LGS) test or TumorScan test to detect cancer at an early stage in each individual. FASEB BioAdvances, 2019, 1, 32-39.	2.4	4
173	Ex vivo/in vitro effects of aspirin and ibuprofen, bulk and nano forms, in peripheral lymphocytes of prostate cancer patients and healthy individuals. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 861-862, 503306.	1.7	4
174	The use of isolated peripheral lymphocytes and human whole blood in the comet assay. Protocol Exchange, 0, , .	0.3	4
175	In Vitro Models. Drug Safety, 1990, 5, 27-39.	3.2	3
176	Ex vivo/in vitro protective effect of myricetin bulk and nano-forms on PhIP-induced DNA damage in lymphocytes from healthy individuals and pre-cancerous MGUS patients. Archives of Toxicology, 2020, 94, 2349-2357.	4.2	3
177	Evaluation of the Toxicity of Two Electronâ€Deficient Halfâ€Sandwich Complexes against Human Lymphocytes from Healthy Individuals. ChemMedChem, 2021, 16, 624-629.	3.2	3
178	Resistance to methylene dimethane sulphonate (MDMS) in L1210 cells in vitro. European Journal of Cancer, 1972, 8, 659-664.	0.9	2
179	Genetic toxicology in the food industry. Food and Chemical Toxicology, 1985, 23, 11-18.	3.6	2
180	The effects of chemicals and radical species on rat embryos in culture. Food and Chemical Toxicology, 1986, 24, 637-638.	3.6	2

#	ARTICLE	IF	CITATIONS
181	Variability in Chromosome Aberrations, Sister Chromatid Exchanges, and Mitogen-Induced Blastogenesis in Peripheral Lymphocytes from Control Individuals. <i>Environmental Health Perspectives</i> , 1993, 101, 83.	6.0	2
182	Induction of polyploidy in human lymphocytes in vitro by excess adenine, but not by adenosine. <i>Environmental and Molecular Mutagenesis</i> , 1995, 25, 197-201.	2.2	2
183	Genotoxicity studies on DNA-interactive telomerase inhibitors with application as anti-cancer agents. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2003, 23, 31-41.	0.8	2
184	An empirical assay for assessing genomic sensitivity and for improving cancer diagnostics. <i>Molecular Cytogenetics</i> , 2014, 7, 17.	0.9	2
185	A male germ cell assay and supporting somatic cells: its application for the detection of phase specificity of genotoxins in vitro. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2020, 23, 91-106.	6.5	2
186	Analysis of mutagens with single cell gel electrophoresis, flow cytometry, and forward mutation assays in an isolated clone of Chinese hamster ovary cells. <i>Environmental and Molecular Mutagenesis</i> , 1998, 32, 360-368.	2.2	2
187	Genotoxicity assays. , 1995, , 303-396.		2
188	The Comet Assay in Sperm â€“ Assessing Genotoxins in Male Germ Cells. <i>Issues in Toxicology</i> , 2009, , 331-369.	0.1	2
189	Comparison of dominant lethal and heritable translocation effects after treatment with ethyl methanesulphonate (EMS) and shikimic acid. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1978, 53, 146.	0.4	1
190	Fractionated dose studies with X-rays and various alkylating agents in P388 mouse lymphoma cells. <i>Carcinogenesis</i> , 1981, 2, 205-211.	2.8	1
191	Mutagenicity testing of amniotic fluid from smokers and non-smokers at 16 weeks of pregnancy. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1986, 175, 195-197.	1.1	1
192	High-performance liquid-chromatographic analysis of bases and nucleoside in mouse testes following in vivo thymidine administration. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1988, 200, 63-66.	1.0	1
193	Absence of chromosome damage in Chinese hamster ovary cells exposed to detergents. <i>Toxicology in Vitro</i> , 1988, 2, 65-66.	2.4	1
194	The effect of simultaneous exposure to bromodeoxyuridine and methyl methanesulphonate on sister-chromatid exchange frequency in cultured human lymphocytes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 289, 139-144.	1.0	1
195	Fluorescence In Situ Hybridization on Electrophoresed Cells to Detect Sequence Specific DNA Damage. <i>Methods in Molecular Biology</i> , 2013, 1054, 219-235.	0.9	1
196	Paternal Smoking as a Cause for Transgenerational Damage in the Offspring. , 2015, , 19-26.		1
197	An In Vitro Male Germ Cell Assay and Its Application for Detecting Phase Specificity of Genotoxins/Mutagens. , 2018, , 251-264.		1
198	An investigation of some Turkish herbal medicines in <i>Salmonella typhimurium</i> and in the COMET assay in human lymphocytes. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1996, 16, 125-138.	0.8	1

#	ARTICLE	IF	CITATIONS
199	The use of the <i>S. typhimurium</i> mutation assay and cell transformation in vitro as short-term carcinogen tests to monitor the structural inactivation of known carcinogens and to detect potential carcinogenicity in new compounds. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1977, 46, 204-205.	0.4	0
200	Selection of an in vitro carcinogenicity test for use with derivatives of the carcinogen hexamethylphosphoramide (HMPA). <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1978, 53, 149.	0.4	0
201	Studies on the Genetic Effects of Phthalic Acid Esters on Cells in Culture. <i>Environmental Health Perspectives</i> , 1986, 65, 263.	6.0	0
202	Establishing Priorities for Experimental Studies. <i>Annals of the New York Academy of Sciences</i> , 1988, 534, 299-306.	3.8	0
203	Reproductive toxicology: The gender balance. <i>Food and Chemical Toxicology</i> , 1992, 30, 1071-1072.	3.6	0
204	P XIII.78 Biological monitoring of workers exposed to emissions from petroleum plants. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 379, S112.	1.0	0
205	Mutagenic effect of amniotic fluid from smoking women at term. <i>Clinical Genetics</i> , 2008, 29, 471-471.	2.0	0
206	A European perspective on the role of EMS societies. How do they help public health and research and the development of regulations?. <i>Environmental and Molecular Mutagenesis</i> , 2010, 51, 761-762.	2.2	0
207	Multicolor Laser Scanning Confocal Immunofluorescence Microscopy of DNA Damage Response Biomarkers. <i>Methods in Molecular Biology</i> , 2013, 1044, 311-323.	0.9	0
208	P53-mediated in vitro inhibition of PhIP-induced oxidative damage by myricetin bulk and nano forms in healthy lymphocytes. <i>Archives of Toxicology</i> , 2021, 95, 1853-1856.	4.2	0
209	Chapter 22. Oestrogenic Compounds and Oxidative Stress. <i>Issues in Toxicology</i> , 2007, , 259-272.	0.1	0
210	Chapter 12. Male and Female Germ Cell Biomarkers. <i>Issues in Toxicology</i> , 2011, , 174-198.	0.1	0
211	Effect of TiO ₂ Nanoparticles in Human Cells from Healthy Individuals and Patients with Respiratory Diseases. <i>Qscience Proceedings</i> , 2012, , .	0.0	0
212	Sub-mammalian tests other than the Ames test for mutagenesis. , 1979, , 95-134.		0
213	Toxic Effects of Oxygen and Antioxidants in Cho Cells and Rat Embryos in Culture. , 1991, , 337-344.		0
214	Mechanisms of Mutagenicity and Tumour Formation. , 1995, , 261-302.		0
215	In vitro effects of hydrogen peroxide on ALF expression in male mouse germ cells. <i>Reproduction Abstracts</i> , 0, , .	0.0	0
216	Multicolor Laser Scanning Confocal Immunofluorescence Microscopy of DNA Damage Response Biomarkers. <i>Methods in Molecular Biology</i> , 2019, 2031, 287-300.	0.9	0

#	ARTICLE	IF	CITATIONS
217	A Perspective on Tests Predicting Chemical Mutagens/Carcinogens in Man. ATLA Alternatives To Laboratory Animals, 1982, 10, 44-69.	1.0	0