

Ricard Marcos

List of Publications by Year in descending order

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326
papers

10,593
citations

34076

52
h-index

62565

80
g-index

329
all docs

329
docs citations

329
times ranked

9828
citing authors

#	ARTICLE	IF	CITATIONS
1	Bladder Cancer and Exposure to Water Disinfection By-Products through Ingestion, Bathing, Showering, and Swimming in Pools. <i>American Journal of Epidemiology</i> , 2006, 165, 148-156.	1.6	471
2	Induction of micronuclei by five pyrethroid insecticides in whole-blood and isolated human lymphocyte cultures. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995, 341, 169-184.	1.2	379
3	Whatâ€™s in the Pool? A Comprehensive Identification of Disinfection By-products and Assessment of Mutagenicity of Chlorinated and Brominated Swimming Pool Water. <i>Environmental Health Perspectives</i> , 2010, 118, 1523-1530.	2.8	269
4	Potential adverse health effects of ingested micro- and nanoplastics on humans. Lessons learned from <i>in vivo</i> and <i>in vitro</i> mammalian models. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2020, 23, 51-68.	2.9	163
5	Automated image analysis of cytokinesis-blocked micronuclei: an adapted protocol and a validated scoring procedure for biomonitoring. <i>Mutagenesis</i> , 2008, 24, 85-93.	1.0	138
6	Genotoxic Effects in Swimmers Exposed to Disinfection By-products in Indoor Swimming Pools. <i>Environmental Health Perspectives</i> , 2010, 118, 1531-1537.	2.8	126
7	Herbicide-induced DNA damage in human lymphocytes evaluated by the single-cell gel electrophoresis (SCGE) assay. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995, 344, 41-54.	1.2	121
8	Micronuclei and pesticide exposure. <i>Mutagenesis</i> , 2011, 26, 19-26.	1.0	116
9	Histone H2AX and Fanconi anemia FANCD2 function in the same pathway to maintain chromosome stability. <i>EMBO Journal</i> , 2007, 26, 1340-1351.	3.5	115
10	A collaborative study on the improvement of the micronucleus test in cultured human lymphocytes. <i>Mutagenesis</i> , 1992, 7, 407-410.	1.0	110
11	Biological effects, including oxidative stress and genotoxic damage, of polystyrene nanoparticles in different human hematopoietic cell lines. <i>Journal of Hazardous Materials</i> , 2020, 398, 122900.	6.5	108
12	Analyses of the genotoxic and mutagenic potential of the products formed after the biotransformation of the azo dye Disperse Red 1. <i>Toxicology in Vitro</i> , 2011, 25, 2054-2063.	1.1	107
13	Cytogenetic biomonitoring of Spanish greenhouse workers exposed to pesticides: micronuclei analysis in peripheral blood lymphocytes and buccal epithelial cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 464, 255-262.	0.9	106
14	Micronuclei in peripheral blood lymphocytes and buccal epithelial cells of Polish farmers exposed to pesticides. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 495, 147-156.	0.9	101
15	Biomonitoring of four European populations occupationally exposed to pesticides: use of micronuclei as biomarkers. <i>Mutagenesis</i> , 2003, 18, 249-258.	1.0	101
16	Genome-Wide Association Study on Differentiated Thyroid Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1674-E1681.	1.8	101
17	High throughput toxicity screening and intracellular detection of nanomaterials. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1413.	3.3	101
18	Nanoplastics as a potential environmental health factor: effects of polystyrene nanoparticles on human intestinal epithelial Caco-2 cells. <i>Environmental Science: Nano</i> , 2020, 7, 272-285.	2.2	101

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19	Examination of various biomarkers measuring genotoxic endpoints from Barcelona airport personnel. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 440, 195-204.	0.9	99
20	Evaluation of DNA damage by the Comet assay in shoe workers exposed to toluene and other organic solvents. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 441, 115-127.	0.9	99
21	Antioxidant and anti-genotoxic properties of cerium oxide nanoparticles in a pulmonary-like cell system. Archives of Toxicology, 2016, 90, 269-278.	1.9	97
22	Genotoxic analysis of silver nanoparticles in <i>Drosophila</i> . Nanotoxicology, 2011, 5, 417-424.	1.6	95
23	Short-Term Changes in Respiratory Biomarkers after Swimming in a Chlorinated Pool. Environmental Health Perspectives, 2010, 118, 1538-1544.	2.8	94
24	Interactions of polystyrene nanoplastics with in vitro models of the human intestinal barrier. Archives of Toxicology, 2020, 94, 2997-3012.	1.9	94
25	Genotoxicity of disinfection byproducts and disinfected waters: A review of recent literature. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 831, 1-12.	0.9	92
26	A common founder mutation in FANCA underlies the world's highest prevalence of Fanconi anemia in Gypsy families from Spain. Blood, 2005, 105, 1946-1949.	0.6	89
27	<i>Drosophila melanogaster</i> as a suitable in vivo model to determine potential side effects of nanomaterials: A review. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2016, 19, 65-104.	2.9	88
28	The suitability of the micronucleus assay in human lymphocytes as a new biomarker of excision repair. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1995, 342, 43-59.	1.2	86
29	Breaks at telomeres and TRF2-independent end fusions in Fanconi anemia. Human Molecular Genetics, 2002, 11, 439-444.	1.4	83
30	Accelerated Telomere Shortening in the Human Inactive X Chromosome. American Journal of Human Genetics, 1999, 65, 1617-1622.	2.6	80
31	Pathways of human exposure to microplastics, and estimation of the total burden. Current Opinion in Food Science, 2021, 39, 144-151.	4.1	80
32	Biomonitoring of humans exposed to arsenic, chromium, nickel, vanadium, and complex mixtures of metals by using the micronucleus test in lymphocytes. Mutation Research - Reviews in Mutation Research, 2016, 770, 140-161.	2.4	77
33	Genetic variations associated with interindividual sensitivity in the response to arsenic exposure. Pharmacogenomics, 2008, 9, 1113-1132.	0.6	76
34	Micronuclei assessment in buccal cells of people environmentally exposed to arsenic in northern Chile. Toxicology Letters, 2005, 155, 319-327.	0.4	71
35	Cytogenetic analysis of Greek farmers using the micronucleus assay in peripheral lymphocytes and buccal cells. Mutagenesis, 2001, 16, 539-545.	1.0	70
36	Long-term exposures to low doses of titanium dioxide nanoparticles induce cell transformation, but not genotoxic damage in BEAS-2B cells. Nanotoxicology, 2015, 9, 568-578.	1.6	70

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37	The effect of cytochalasin-B concentration on the frequency of micronuclei induced by four standard mutagens. Results from two laboratories. <i>Mutagenesis</i> , 1994, 9, 347-353.	1.0	69
38	Arsenic Induces DNA Damage in Environmentally Exposed Mexican Children and Adults. Influence of GSTO1 and AS3MT Polymorphisms. <i>Toxicological Sciences</i> , 2010, 117, 63-71.	1.4	68
39	Temporary variations in chromosomal aberrations in a group of agricultural workers exposed to pesticides. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995, 344, 127-134.	1.2	66
40	Occupational exposure to lead and induction of genetic damage.. <i>Environmental Health Perspectives</i> , 2001, 109, 295-298.	2.8	65
41	Genotoxicity of the herbicides alachlor and maleic hydrazide in cultured human lymphocytes. <i>Mutagenesis</i> , 1996, 11, 221-227.	1.0	64
42	Zinc oxide nanoparticles: Genotoxicity, interactions with UV-light and cell-transforming potential. <i>Journal of Hazardous Materials</i> , 2014, 264, 420-429.	6.5	63
43	Micronuclei induced by alachlor, mitomycin-C and vinblastine in human lymphocytes: presence of centromeres and kinetochores and influence of staining technique. <i>Mutagenesis</i> , 1995, 10, 417-423.	1.0	62
44	Genotoxic testing of titanium dioxide anatase nanoparticles using the wing-spot test and the comet assay in <i>Drosophila</i> . <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 778, 12-21.	0.9	62
45	Genotoxic and cell-transforming effects of titanium dioxide nanoparticles. <i>Environmental Research</i> , 2015, 136, 300-308.	3.7	62
46	Genotoxicity of cobalt nanoparticles and ions in <i>Drosophila</i> . <i>Nanotoxicology</i> , 2013, 7, 462-468.	1.6	61
47	Antioxidant and antigenotoxic properties of CeO ₂ NPs and cerium sulphate: Studies with <i>Drosophila melanogaster</i> as a promising <i>in vivo</i> model. <i>Nanotoxicology</i> , 2015, 9, 749-759.	1.6	61
48	Analysis of cytogenetic damage induced in cultured human lymphocytes by the pyrethroid insecticides cypermethrin and fenvalerate. <i>Mutagenesis</i> , 1989, 4, 72-74.	1.0	58
49	A comprehensive study of the harmful effects of ZnO nanoparticles using <i>Drosophila melanogaster</i> as an <i>in vivo</i> model. <i>Journal of Hazardous Materials</i> , 2015, 296, 166-174.	6.5	57
50	Effects of differently shaped TiO ₂ NPs (nanospheres, nanorods and nanowires) on the <i>in vitro</i> model (Caco-2/HT29) of the intestinal barrier. <i>Particle and Fibre Toxicology</i> , 2018, 15, 33.	2.8	56
51	Occupational exposure to pesticides and cytogenetic damage: Results of a Hungarian population study using the micronucleus assay in lymphocytes and buccal cells. <i>Environmental and Molecular Mutagenesis</i> , 2002, 40, 101-109.	0.9	55
52	<i>In vivo</i> genotoxicity assessment of titanium, zirconium and aluminium nanoparticles, and their microparticulated forms, in <i>Drosophila</i> . <i>Chemosphere</i> , 2013, 93, 2304-2310.	4.2	54
53	Cytogenetic biomonitoring in a Spanish group of agricultural workers exposed to pesticides. <i>Mutagenesis</i> , 1993, 8, 511-517.	1.0	53
54	Long-term exposures to low doses of cobalt nanoparticles induce cell transformation enhanced by oxidative damage. <i>Nanotoxicology</i> , 2015, 9, 138-147.	1.6	52

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55	Cytogenetic damage after 131-iodine treatment for hyperthyroidism and thyroid cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 1589-1596.	3.3	51
56	Oxidative DNA damage in chronic renal failure patients. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 879-885.	0.4	51
57	Proposal of an in vivo comet assay using haemocytes of <i>Drosophila melanogaster</i> . <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 165-169.	0.9	51
58	Long-Term Effects of Polystyrene Nanoplastics in Human Intestinal Caco-2 Cells. <i>Biomolecules</i> , 2021, 11, 1442.	1.8	51
59	Association studies of OGG1, XRCC1, XRCC2 and XRCC3 polymorphisms with differentiated thyroid cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 709-710, 67-72.	0.4	49
60	Genotoxicity and radioresistance in electroplating workers exposed to chromium. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 446, 23-34.	0.9	48
61	Assessing the effects of silver nanoparticles on monolayers of differentiated Caco-2 cells, as a model of intestinal barrier. <i>Food and Chemical Toxicology</i> , 2018, 116, 1-10.	1.8	48
62	No increase in micronuclei frequency in cultured blood lymphocytes from a group of filling station attendants. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1996, 367, 161-167.	1.2	47
63	The Fanconi anaemia genome stability and tumour suppressor network. <i>Mutagenesis</i> , 2002, 17, 529-538.	1.0	46
64	Acute and long-term in vitro effects of zinc oxide nanoparticles. <i>Archives of Toxicology</i> , 2016, 90, 2201-2213.	1.9	46
65	Micronuclei induction by 131I exposure: Study in hyperthyroidism patients. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 373, 39-45.	0.4	45
66	Leaf extract from the endemic plant <i>Peumus boldus</i> as an effective bioproduct for the green synthesis of silver nanoparticles. <i>Materials Letters</i> , 2016, 183, 255-260.	1.3	45
67	Exploring the usefulness of the complex in vitro intestinal epithelial model Caco-2/HT29/Raji-B in nanotoxicology. <i>Food and Chemical Toxicology</i> , 2018, 113, 162-170.	1.8	45
68	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.	2.4	45
69	Radioactive iodine induces clastogenic and age-dependent aneugenic effects in lymphocytes of thyroid cancer patients as revealed by interphase FISH. <i>Mutagenesis</i> , 1997, 12, 449-455.	1.0	44
70	Thyroid cancer GWAS identifies 10q26.12 and 6q14.1 as novel susceptibility loci and reveals genetic heterogeneity among populations. <i>International Journal of Cancer</i> , 2015, 137, 1870-1878.	2.3	44
71	Genotoxicity of copper oxide nanoparticles in <i>Drosophila melanogaster</i> . <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 791, 1-11.	0.9	44
72	Biodistribution of Liposome-Encapsulated Bacteriophages and Their Transcytosis During Oral Phage Therapy. <i>Frontiers in Microbiology</i> , 2019, 10, 689.	1.5	44

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73	Sister chromatid exchanges and micronuclei in peripheral lymphocytes of shoe factory workers exposed to solvents.. <i>Environmental Health Perspectives</i> , 2002, 110, 399-404.	2.8	43
74	Genotoxicity analysis of two halonitromethanes, a novel group of disinfection by-products (DBPs), in human cells treated in vitro. <i>Environmental Research</i> , 2009, 109, 232-238.	3.7	43
75	Micronuclei, centromere-positive micronuclei and chromosome nondisjunction in cytokinesis blocked human lymphocytes following mitomycin C or vincristine treatment. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 392, 97-107.	0.9	42
76	Genotoxicity and DNA Repair Processes of Zinc Oxide Nanoparticles. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1292-1303.	1.1	42
77	In vivo genotoxic effects of four different nano-sizes forms of silica nanoparticles in <i>Drosophila melanogaster</i> . <i>Journal of Hazardous Materials</i> , 2015, 283, 260-266.	6.5	42
78	Sister chromatid exchange in lymphocytes of agricultural workers exposed to pesticides. <i>Mutagenesis</i> , 1990, 5, 403-406.	1.0	41
79	Genotoxicity testing of five herbicides in the <i>Drosophila</i> wing spot test. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 465, 77-84.	0.9	41
80	Evaluation of micronucleus induction in a Chilean population environmentally exposed to arsenic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 564, 65-74.	0.9	41
81	Metabolic Profile in Workers Occupationally Exposed to Arsenic: Role of GST Polymorphisms. <i>Journal of Occupational and Environmental Medicine</i> , 2006, 48, 334-341.	0.9	41
82	Novel Genome-Wide Association Study-Based Candidate Loci for Differentiated Thyroid Cancer Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2084-E2092.	1.8	41
83	Polymorphism of glutathione transferase Omega 1 in a population exposed to a high environmental arsenic burden. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 1-10.	0.7	40
84	Assessing potential harmful effects of CdSe quantum dots by using <i>Drosophila melanogaster</i> as in vivo model. <i>Science of the Total Environment</i> , 2015, 530-531, 66-75.	3.9	40
85	Genotoxic and cell-transformation effects of multi-walled carbon nanotubes (MWCNT) following in vitro sub-chronic exposures. <i>Journal of Hazardous Materials</i> , 2016, 306, 193-202.	6.5	40
86	Telomere length modulates human radiation sensitivity in vitro. <i>Toxicology Letters</i> , 2007, 172, 29-36.	0.4	39
87	Genotoxicity of the organochlorine pesticides 1,1-dichloro-2,2- bis(p-chlorophenyl)ethylene (DDE) and hexachlorobenzene (HCB) in cultured human lymphocytes. <i>Chemosphere</i> , 2008, 71, 1335-1339.	4.2	39
88	Interactions of graphene oxide and graphene nanoplatelets with the in vitro Caco-2/HT29 model of intestinal barrier. <i>Scientific Reports</i> , 2020, 10, 2793.	1.6	39
89	Induction of mitotic micronuclei by the pyrethroid insecticide fenvalerate in cultured human lymphocytes. <i>Toxicology Letters</i> , 1990, 54, 151-155.	0.4	38
90	Genotoxic and oxidative stress potential of nanosized and bulk zinc oxide particles in <i>Drosophila melanogaster</i> . <i>Toxicology and Industrial Health</i> , 2016, 32, 1987-2001.	0.6	38

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91	Nanoceria acts as antioxidant in tumoral and transformed cells. <i>Chemico-Biological Interactions</i> , 2018, 291, 7-15.	1.7	37
92	DNA methylation changes in human lung epithelia cells exposed to multi-walled carbon nanotubes. <i>Nanotoxicology</i> , 2017, 11, 857-870.	1.6	36
93	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , 2021, 11, 16793.	1.6	36
94	Genotoxicity is modulated by ascorbic acid. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 520, 93-101.	0.9	35
95	Long-term effects of silver nanoparticles in caco-2 cells. <i>Nanotoxicology</i> , 2017, 11, 1-10.	1.6	35
96	Genotoxic and immunomodulatory effects in human white blood cells after <i>ex vivo</i> exposure to polystyrene nanoplastics. <i>Environmental Science: Nano</i> , 2020, 7, 3431-3446.	2.2	35
97	Clusters of transcription-coupled repair in the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10571-10574.	3.3	34
98	A follow-up study on micronucleus frequency in Spanish agricultural workers exposed to pesticides. <i>Mutagenesis</i> , 2002, 17, 79-82.	1.0	34
99	Metabolism of arsenic in <i>Drosophila melanogaster</i> and the genotoxicity of dimethylarsinic acid in the <i>Drosophila</i> wing spot test. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 162-168.	0.9	34
100	<i>In vivo</i> evaluation of the toxic and genotoxic effects of exposure to cobalt nanoparticles using <i>Drosophila melanogaster</i> . <i>Environmental Science: Nano</i> , 2020, 7, 610-622.	2.2	34
101	Links between chromatin structure, DNA repair and chromosome fragility. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 404, 39-44.	0.4	33
102	Lack of genotoxicity of the herbicide atrazine in cultured human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 416, 93-99.	0.9	33
103	Genotoxic effects of two nickel-compounds in somatic cells of <i>Drosophila melanogaster</i> . <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 718, 33-37.	0.9	33
104	New insights in the acute toxic/genotoxic effects of CuO nanoparticles in the <i>in vivo</i> <i>Drosophila</i> model. <i>Nanotoxicology</i> , 2016, 10, 749-760.	1.6	33
105	Genotoxicity of four herbicides in the <i>Drosophila</i> wing spot test. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1992, 280, 291-295.	1.2	32
106	SCE analysis in peripheral blood lymphocytes of a group of filling station attendants. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 390, 153-159.	0.9	32
107	DNA damage induction by two halogenated acetaldehydes, byproducts of water disinfection. <i>Water Research</i> , 2010, 44, 2638-2646.	5.3	32
108	<i>In vitro</i> toxicological assessment of an organosulfur compound from <i>Allium</i> extract: Cytotoxicity, mutagenicity and genotoxicity studies. <i>Food and Chemical Toxicology</i> , 2017, 99, 231-240.	1.8	32

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109	Micronuclei analysis in lymphocytes of pesticide sprayers from Concepción, Chile. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1998, 18, 123-129.	0.8	31
110	Toxic and Genotoxic Effects of Silver Nanoparticles in <i>Drosophila</i> . <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 277-285.	0.9	31
111	In vitro genotoxicity testing of carvacrol and thymol using the micronucleus and mouse lymphoma assays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 784-785, 37-44.	0.9	30
112	Polystyrene Nanoplastics as Carriers of Metals. Interactions of Polystyrene Nanoparticles with Silver Nanoparticles and Silver Nitrate, and Their Effects on Human Intestinal Caco-2 Cells. <i>Biomolecules</i> , 2021, 11, 859.	1.8	30
113	Humic acids reduce the genotoxicity of mitomycin C in the human lymphoblastoid cell line TK6. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2006, 603, 27-32.	0.9	29
114	Oxidative DNA damage enhances the carcinogenic potential of in vitro chronic arsenic exposures. <i>Archives of Toxicology</i> , 2016, 90, 1893-1905.	1.9	29
115	Genetic Variants Associated with Chronic Kidney Disease in a Spanish Population. <i>Scientific Reports</i> , 2020, 10, 144.	1.6	29
116	Genetic damage in chronic renal failure patients is associated with the glomerular filtration rate index. <i>Mutagenesis</i> , 2010, 25, 603-608.	1.0	28
117	Genotoxicity testing of two lead-compounds in somatic cells of <i>Drosophila melanogaster</i> . <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 724, 35-40.	0.9	28
118	Genotoxic analysis of four lipid-peroxidation products in the mouse lymphoma assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 726, 98-103.	0.9	28
119	SCE analysis in human lymphocytes of a spanish control population. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1995, 335, 35-46.	0.4	27
120	Biomonitoring of workers exposed to lead. Genotoxic effects, its modulation by polyvitamin treatment and evaluation of the induced radioresistance. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 418, 79-92.	0.9	27
121	Spontaneous and induced genetic damage in T lymphocyte subsets evaluated by the Comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 514, 39-48.	0.9	27
122	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.	0.8	27
123	Genetic investigation of FOXE1 polyalanine tract in thyroid diseases: New insight on the role of FOXE1 in thyroid carcinoma. <i>Cancer Biomarkers</i> , 2011, 8, 43-51.	0.8	27
124	Antigenotoxic potential of boron nitride nanotubes. <i>Nanotoxicology</i> , 2018, 12, 868-884.	1.6	27
125	Equal induction and persistence of chromosome aberrations involving chromosomes 1, 4 and 10 in thyroid cancer patients treated with radioactive iodine. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 469, 147-158.	0.9	26
126	Mutagenic stress modulates the dynamics of CTG repeat instability associated with myotonic dystrophy type 1. <i>Nucleic Acids Research</i> , 2003, 31, 6733-6740.	6.5	26

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127	Multi-walled carbon nanotubes (NM401) induce ROS-mediated HPRT mutations in Chinese hamster lung fibroblasts. <i>Environmental Research</i> , 2016, 146, 185-190.	3.7	26
128	Exposure to disinfection by-products in swimming pools and biomarkers of genotoxicity and respiratory damage – The PISCINA2 Study. <i>Environment International</i> , 2019, 131, 104988.	4.8	26
129	Mitotic arrest induced by fenvalerate in human lymphocyte cultures. <i>Toxicology Letters</i> , 1989, 48, 45-48.	0.4	25
130	Glutathione S -transferase polymorphisms in thyroid cancer patients. <i>Cancer Letters</i> , 2003, 190, 37-44.	3.2	25
131	Comparative genotoxic evaluation of 2-furylethylenes and 5-nitrofurans by using the comet assay in TK6 cells. <i>Mutagenesis</i> , 2005, 20, 193-197.	1.0	25
132	Effects of cerium oxide nanoparticles on differentiated/undifferentiated human intestinal Caco-2 cells. <i>Chemico-Biological Interactions</i> , 2018, 283, 38-46.	1.7	25
133	Genotoxic activity of four inhibitors of DNA topoisomerases in larval cells of <i>Drosophila melanogaster</i> as measured in the wing spot assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 413, 191-203.	0.9	24
134	Frozen dispersions of nanomaterials are a useful operational procedure in nanotoxicology. <i>Nanotoxicology</i> , 2017, 11, 31-40.	1.6	24
135	Toxic and genotoxic effects of graphene and multi-walled carbon nanotubes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 645-660.	1.1	24
136	Nucleotide depletion reveals the impaired ribosome biogenesis checkpoint as a barrier against <sc>DNA</sc> damage. <i>EMBO Journal</i> , 2020, 39, e103838.	3.5	24
137	Genotoxicity studies with the unstable Zeste-White (UZ) system of <i>Drosophila melanogaster</i> : Results with ten carcinogenic compounds. <i>Environmental and Molecular Mutagenesis</i> , 1991, 18, 120-125.	0.9	23
138	A cytogenetic follow-up study of thyroid cancer patients treated with 131I. <i>Cancer Letters</i> , 1995, 91, 199-204.	3.2	23
139	Gene-mutation induction by arsenic compounds in the mouse lymphoma assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 634, 40-50.	0.9	23
140	Association between GSTO2 polymorphism and the urinary arsenic profile in copper industry workers. <i>Environmental Research</i> , 2010, 110, 463-468.	3.7	23
141	<i>TPO</i> genetic variants and risk of differentiated thyroid carcinoma in two European populations. <i>International Journal of Cancer</i> , 2013, 133, 2843-2851.	2.3	23
142	Novel genetic variants in differentiated thyroid cancer and assessment of the cumulative risk. <i>Scientific Reports</i> , 2015, 5, 8922.	1.6	23
143	Genomic damage as a biomarker of chronic kidney disease status. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 301-312.	0.9	23
144	The Comet Assay as a Tool to Detect the Genotoxic Potential of Nanomaterials. <i>Nanomaterials</i> , 2019, 9, 1385.	1.9	23

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145	Genotoxic evaluation of ten carcinogens in the <i>Drosophila melanogaster</i> wing spot test. <i>Experientia</i> , 1995, 51, 73-76.	1.2	22
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