Ricard Marcos

List of Publications by Citations

320 papers	8,178 citations	47 h-index	70 g-index
329 ext. papers	9,251 ext. citations	4.7 avg, IF	6.12 L-index

#	Paper	IF	Citations
320	Bladder cancer and exposure to water disinfection by-products through ingestion, bathing, showering, and swimming in pools. *American Journal of Epidemiology*, **2007**, 165, 148-56	3.8	382
319	Induction of micronuclei by five pyrethroid insecticides in whole-blood and isolated human lymphocyte cultures. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1995**, 341, 169-84		323
318	What's in the pool? A comprehensive identification of disinfection by-products and assessment of mutagenicity of chlorinated and brominated swimming pool water. *Environmental Health Perspectives*, **2010**, 118, 1523-30	8.4	218
317	Automated image analysis of cytokinesis-blocked micronuclei: an adapted protocol and a validated scoring procedure for biomonitoring. *Mutagenesis*, **2009**, 24, 85-93	2.8	121
316	Histone H2AX and Fanconi anemia FANCD2 function in the same pathway to maintain chromosome stability. *EMBO Journal*, **2007**, 26, 1340-51	13	107
315	Genotoxic effects in swimmers exposed to disinfection by-products in indoor swimming pools. *Environmental Health Perspectives*, **2010**, 118, 1531-7	8.4	104
314	Cytogenetic biomonitoring of Spanish greenhouse workers exposed to pesticides: micronuclei analysis in peripheral blood lymphocytes and buccal epithelial cells. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2000**, 464, 255-62	3	94
313	Herbicide-induced DNA damage in human lymphocytes evaluated by the single-cell gel electrophoresis (SCGE) assay. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1995**, 344, 41-54		94
312	A collaborative study on the improvement of the micronucleus test in cultured human lymphocytes. *Mutagenesis*, **1992**, 7, 407-10	2.8	93
311	Micronuclei and pesticide exposure. *Mutagenesis*, **2011**, 26, 19-26	2.8	92
310	Analyses of the genotoxic and mutagenic potential of the products formed after the biotransformation of the azo dye Disperse Red 1. *Toxicology in Vitro*, **2011**, 25, 2054-63	3.6	89
309	Micronuclei in peripheral blood lymphocytes and buccal epithelial cells of Polish farmers exposed to pesticides. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2001**, 495, 147-56	3	87
308	Potential adverse health effects of ingested micro- and nanoplastics on humans. Lessons learned from and mammalian models. *Journal of Toxicology and Environmental Health - Part B: Critical Reviews*, **2020**, 23, 51-68	8.6	87
307	High throughput toxicity screening and intracellular detection of nanomaterials. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2017**, 9, e1413	9.2	84
306	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, 115-27	3	81
305	Examination of various biomarkers measuring genotoxic endpoints from Barcelona airport personnel. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1999**, 440, 195-204	3	80
304	Genotoxic analysis of silver nanoparticles in Drosophila. *Nanotoxicology*, **2011**, 5, 417-24	5.3	79

303	Biomonitoring of four European populations occupationally exposed to pesticides: use of micronuclei as biomarkers. *Mutagenesis*, **2003**, 18, 249-58	2.8	77
302	Antioxidant and anti-genotoxic properties of cerium oxide nanoparticles in a pulmonary-like cell system. *Archives of Toxicology*, **2016**, 90, 269-78	5.8	76
301	Short-term changes in respiratory biomarkers after swimming in a chlorinated pool. *Environmental Health Perspectives*, **2010**, 118, 1538-44	8.4	76
300	A common founder mutation in FANCA underlies the world's highest prevalence of Fanconi anemia in Gypsy families from Spain. *Blood*, **2005**, 105, 1946-9	2.2	73
299	Genetic variations associated with interindividual sensitivity in the response to arsenic exposure. *Pharmacogenomics*, **2008**, 9, 1113-32	2.6	71
298	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		69
297	Breaks at telomeres and TRF2-independent end fusions in Fanconi anemia. *Human Molecular Genetics*, **2002**, 11, 439-44	5.6	68
296	Accelerated telomere shortening in the human inactive X chromosome. *American Journal of Human Genetics*, **1999**, 65, 1617-22	11	68
295	Long-term exposures to low doses of titanium dioxide nanoparticles induce cell transformation, but not genotoxic damage in BEAS-2B cells. *Nanotoxicology*, **2015**, 9, 568-78	5.3	65
294	The effect of cytochalasin-B concentration on the frequency of micronuclei induced by four standard mutagens. Results from two laboratories. *Mutagenesis*, **1994**, 9, 347-53	2.8	65
293	Drosophila melanogaster 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	8.6	65
292	Genome-wide association study on differentiated thyroid cancer. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E1674-81	5.6	64
291	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	7	62
290	Arsenic induces DNA damage in environmentally exposed Mexican children and adults. Influence of GSTO1 and AS3MT polymorphisms. *Toxicological Sciences*, **2010**, 117, 63-71	4.4	62
289	Micronuclei assessment in buccal cells of people environmentally exposed to arsenic in northern Chile. *Toxicology Letters*, **2005**, 155, 319-27	4.4	61
288	Genotoxicity of the herbicides alachlor and maleic hydrazide in cultured human lymphocytes. *Mutagenesis*, **1996**, 11, 221-7	2.8	56
287	Genotoxicity of disinfection byproducts and disinfected waters: A review of recent literature. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2018**, 831, 1-12	3	55
286	Genotoxicity of cobalt nanoparticles and ions in Drosophila. *Nanotoxicology*, **2013**, 7, 462-8	5.3	55

285	Micronuclei induced by alachlor, mitomycin-C and vinblastine in human lymphocytes: presence of centromeres and kinetochores and influence of staining technique. *Mutagenesis*, **1995**, 10, 417-23	2.8	55
284	Zinc oxide nanoparticles: genotoxicity, interactions with UV-light and cell-transforming potential. *Journal of Hazardous Materials*, **2014**, 264, 420-9	12.8	54
283	Occupational exposure to lead and induction of genetic damage. *Environmental Health Perspectives*, **2001**, 109, 295-8	8.4	54
282	Temporary variations in chromosomal aberrations in a group of agricultural workers exposed to pesticides. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1995**, 344, 127-34		54
281	Nanoplastics as a potential environmental health factor: effects of polystyrene nanoparticles on human intestinal epithelial Caco-2 cells. *Environmental Science: Nano*, **2020**, 7, 272-285	7.1	54
280	Genotoxic testing of titanium dioxide anatase nanoparticles using the wing-spot test and the comet assay in Drosophila. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2015**, 778, 12-21	3	52
279	Analysis of cytogenetic damage induced in cultured human lymphocytes by the pyrethroid insecticides cypermethrin and fenvalerate. *Mutagenesis*, **1989**, 4, 72-4	2.8	50
278	Genotoxic and cell-transforming effects of titanium dioxide nanoparticles. *Environmental Research*, **2015**, 136, 300-8	7.9	49
277	Cytogenetic biomonitoring in a Spanish group of agricultural workers exposed to pesticides. *Mutagenesis*, **1993**, 8, 511-7	2.8	48
276	Antioxidant and antigenotoxic properties of CeO2 NPs and cerium sulphate: Studies with Drosophila melanogaster as a promising in vivo model. *Nanotoxicology*, **2015**, 9, 749-59	5.3	47
275	In vivo genotoxicity assessment of titanium, zirconium and aluminium nanoparticles, and their microparticulated forms, in Drosophila. *Chemosphere*, **2013**, 93, 2304-10	8.4	47
274	Cytogenetic analysis of Greek farmers using the micronucleus assay in peripheral lymphocytes and buccal cells. *Mutagenesis*, **2001**, 16, 539-45	2.8	47
273	Occupational exposure to pesticides and cytogenetic damage: results of a Hungarian population study using the micronucleus assay in lymphocytes and buccal cells. *Environmental and Molecular Mutagenesis*, **2002**, 40, 101-9	3.2	45
272	Oxidative DNA damage in chronic renal failure patients. *Nephrology Dialysis Transplantation*, **2010**, 25, 879-85	4.3	44
271	Cytogenetic damage after 131-iodine treatment for hyperthyroidism and thyroid cancer. A study using the micronucleus test. *European Journal of Nuclear Medicine and Molecular Imaging*, **1999**, 26, 1589-96	8.8	43
270	Long-term exposures to low doses of cobalt nanoparticles induce cell transformation enhanced by oxidative damage. *Nanotoxicology*, **2015**, 9, 138-47	5.3	42
269	Biological effects, including oxidative stress and genotoxic damage, of polystyrene nanoparticles in different human hematopoietic cell lines. *Journal of Hazardous Materials*, **2020**, 398, 122900	12.8	42
268	Association studies of OGG1, XRCC1, XRCC2 and XRCC3 polymorphisms with differentiated thyroid cancer. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2011**, 709-710, 67-72	3.3	42

267	Genotoxicity and radioresistance in electroplating workers exposed to chromium. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1999**, 446, 23-34	3	42
266	Effects of differently shaped TiONPs (nanospheres, nanorods and nanowires) on the in vitro model (Caco-2/HT29) of the intestinal barrier. *Particle and Fibre Toxicology*, **2018**, 15, 33	8.4	42
265	A comprehensive study of the harmful effects of ZnO nanoparticles using Drosophila melanogaster as an in vivo model. *Journal of Hazardous Materials*, **2015**, 296, 166-174	12.8	41
264	The Fanconi anaemia genome stability and tumour suppressor network. *Mutagenesis*, **2002**, 17, 529-38	2.8	40
263	No increase in micronuclei frequency in cultured blood lymphocytes from a group of filling station attendants. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1996**, 367, 161-7		40
262	Genotoxicity analysis of two halonitromethanes, a novel group of disinfection by-products (DBPs), in human cells treated in vitro. *Environmental Research*, **2009**, 109, 232-8	7.9	39
261	Radioactive iodine induces clastogenic and age-dependent aneugenic effects in lymphocytes of thyroid cancer patients as revealed by interphase FISH. *Mutagenesis*, **1997**, 12, 449-55	2.8	39
260	Micronuclei, centromere-positive micronuclei and chromosome nondisjunction in cytokinesis blocked human lymphocytes following mitomycin C or vincristine treatment. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1997**, 392, 97-107	3	39
259	Sister chromatid exchanges and micronuclei in peripheral lymphocytes of shoe factory workers exposed to solvents. *Environmental Health Perspectives*, **2002**, 110, 399-404	8.4	39
258	Evaluation of micronucleus induction in a Chilean population environmentally exposed to arsenic. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2004**, 564, 65-74	3	39
257	Acute and long-term in vitro effects of zinc oxide nanoparticles. *Archives of Toxicology*, **2016**, 90, 2201-2213	5.8	38
256	Assessing the effects of silver nanoparticles on monolayers of differentiated Caco-2 cells, as a model of intestinal barrier. *Food and Chemical Toxicology*, **2018**, 116, 1-10	4.7	38
255	Metabolic profile in workers occupationally exposed to arsenic: role of GST polymorphisms. *Journal of Occupational and Environmental Medicine*, **2006**, 48, 334-41	2	37
254	Induction of mitotic micronuclei by the pyrethroid insecticide fenvalerate in cultured human lymphocytes. *Toxicology Letters*, **1990**, 54, 151-5	4.4	37
253	Interactions of polystyrene nanoplastics with in vitro models of the human intestinal barrier. *Archives of Toxicology*, **2020**, 94, 2997-3012	5.8	36
252	Proposal of an in vivo comet assay using haemocytes of Drosophila melanogaster. *Environmental and Molecular Mutagenesis*, **2011**, 52, 165-9	3.2	36
251	Micronuclei induction by 131I exposure: study in hyperthyroidism patients. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1997**, 373, 39-45	3.3	36
250	Novel genome-wide association study-based candidate loci for differentiated thyroid cancer risk. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E2084-92	5.6	35

249	Telomere length modulates human radiation sensitivity in vitro. *Toxicology Letters*, **2007**, 172, 29-36	4.4	35
248	Genotoxicity testing of five herbicides in the Drosophila wing spot test. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2000**, 465, 77-84	3	35
247	Thyroid cancer GWAS identifies 10q26.12 and 6q14.1 as novel susceptibility loci and reveals genetic heterogeneity among populations. *International Journal of Cancer*, **2015**, 137, 1870-8	7.5	34
246	Leaf extract from the endemic plant Peumus boldus as an effective bioproduct for the green synthesis of silver nanoparticles. *Materials Letters*, **2016**, 183, 255-260	3.3	33
245	Genotoxic and cell-transformation effects of multi-walled carbon nanotubes (MWCNT) following in vitro sub-chronic exposures. *Journal of Hazardous Materials*, **2016**, 306, 193-202	12.8	33
244	Genotoxicity and DNA repair processes of zinc oxide nanoparticles. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2014**, 77, 1292-303	3.2	33
243	Sister chromatid exchange in lymphocytes of agricultural workers exposed to pesticides. *Mutagenesis*, **1990**, 5, 403-5	2.8	33
242	Genotoxicity of the organochlorine pesticides 1,1-dichloro-2,2- bis(p-chlorophenyl)ethylene (DDE) and hexachlorobenzene (HCB) in cultured human lymphocytes. *Chemosphere*, **2008**, 71, 1335-9	8.4	32
241	Polymorphism of glutathione transferase Omega 1 in a population exposed to a high environmental arsenic burden. *Pharmacogenetics and Genomics*, **2008**, 18, 1-10	1.9	32
240	Clusters of transcription-coupled repair in the human genome. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10571-4	11.5	32
239	Genotoxicity of copper oxide nanoparticles in Drosophila melanogaster. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2015**, 791, 1-11	3	31
238	In vivo genotoxic effects of four different nano-sizes forms of silica nanoparticles in Drosophila melanogaster. *Journal of Hazardous Materials*, **2015**, 283, 260-6	12.8	31
237	DNA methylation changes in human lung epithelia cells exposed to multi-walled carbon nanotubes. *Nanotoxicology*, **2017**, 11, 857-870	5.3	31
236	Genotoxic effects of two nickel-compounds in somatic cells of Drosophila melanogaster. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2011**, 718, 33-7	3	31
235	Exploring the usefulness of the complex in vitro intestinal epithelial model Caco-2/HT29/Raji-B in nanotoxicology. *Food and Chemical Toxicology*, **2018**, 113, 162-170	4.7	30
234	Links between chromatin structure, DNA repair and chromosome fragility. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1998**, 404, 39-44	3.3	30
233	Genotoxic and oxidative stress potential of nanosized and bulk zinc oxide particles in Drosophila melanogaster. *Toxicology and Industrial Health*, **2016**, 32, 1987-2001	1.8	29
232	Micronuclei analysis in lymphocytes of pesticide sprayers from Concepci□n, Chile. *Teratogenesis, Carcinogenesis, and Mutagenesis*, **1998**, 18, 123-129		29

231	Metabolism of arsenic in Drosophila melanogaster and the genotoxicity of dimethylarsinic acid in the Drosophila wing spot test. *Environmental and Molecular Mutagenesis*, **2006**, 47, 162-8	3.2	29
230	A follow-up study on micronucleus frequency in Spanish agricultural workers exposed to pesticides. *Mutagenesis*, **2002**, 17, 79-82	2.8	29
229	Biodistribution of Liposome-Encapsulated Bacteriophages and Their Transcytosis During Oral Phage Therapy. *Frontiers in Microbiology*, **2019**, 10, 689	5.7	28
228	Nanoceria acts as antioxidant in tumoral and transformed cells. *Chemico-Biological Interactions*, **2018**, 291, 7-15	5	28
227	Assessing potential harmful effects of CdSe quantum dots by using Drosophila melanogaster as in vivo model. *Science of the Total Environment*, **2015**, 530-531, 66-75	10.2	28
226	DNA damage induction by two halogenated acetaldehydes, byproducts of water disinfection. *Water Research*, **2010**, 44, 2638-46	12.5	28
225	SCE analysis in peripheral blood lymphocytes of a group of filling station attendants. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1997**, 390, 153-9	3	28
224	Lack of genotoxicity of the herbicide atrazine in cultured human lymphocytes. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1998**, 416, 93-9	3	28
223	Genotoxicity testing of two lead-compounds in somatic cells of Drosophila melanogaster. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2011**, 724, 35-40	3	27
222	Genotoxicity is modulated by ascorbic acid. Studies using the wing spot test in Drosophila. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2002**, 520, 93-101	3	27
221	Long-term effects of silver nanoparticles in caco-2 cells. *Nanotoxicology*, **2017**, 11, 771-780	5.3	26
220	Humic acids reduce the genotoxicity of mitomycin C in the human lymphoblastoid cell line TK6. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2006**, 603, 27-32	3	26
219	Genotoxicity of four herbicides in the Drosophila wing spot test. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1992**, 280, 291-5		26
218	SCE analysis in human lymphocytes of a Spanish control population. *Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology*, **1995**, 335, 35-46		25
217	In´vitro toxicological assessment of an organosulfur compound from Allium extract: Cytotoxicity, mutagenicity and genotoxicity studies. *Food and Chemical Toxicology*, **2017**, 99, 231-240	4.7	24
216	In vitro genotoxicity testing of carvacrol and thymol using the micronucleus and mouse lymphoma assays. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2015**, 784-785, 37-44	3	24
215	Genotoxic analysis of four lipid-peroxidation products in the mouse lymphoma assay. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2011**, 726, 98-103	3	24
214	Genetic investigation of FOXE1 polyalanine tract in thyroid diseases: new insight on the role of FOXE1 in thyroid carcinoma. *Cancer Biomarkers*, **2010**, 8, 43-51	3.8	24

213	Genotoxic and antigenotoxic properties of selenium compounds in the in vitro micronucleus assay with human whole blood lymphocytes and TK6 lymphoblastoid cells. *Scientific World Journal, The*, **2006**, 6, 1202-10	2.2	24
212	Glutathione S-transferase polymorphisms in thyroid cancer patients. *Cancer Letters*, **2003**, 190, 37-44	9.9	24
211	Spontaneous and induced genetic damage in T lymphocyte subsets evaluated by the Comet assay. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2002**, 514, 39-48	3	24
210	New insights in the acute toxic/genotoxic effects of CuO nanoparticles in the in vivo Drosophila model. *Nanotoxicology*, **2016**, 10, 749-60	5.3	23
209	Genetic damage in chronic renal failure patients is associated with the glomerular filtration rate index. *Mutagenesis*, **2010**, 25, 603-8	2.8	23
208	Oxidative DNA damage enhances the carcinogenic potential of in vitro chronic arsenic exposures. *Archives of Toxicology*, **2016**, 90, 1893-905	5.8	22
207	Genomic damage as a biomarker of chronic kidney disease status. *Environmental and Molecular Mutagenesis*, **2015**, 56, 301-12	3.2	22
206	Multi-walled carbon nanotubes (NM401) induce ROS-mediated HPRT mutations in Chinese hamster lung fibroblasts. *Environmental Research*, **2016**, 146, 185-90	7.9	22
205	Frozen dispersions of nanomaterials are a useful operational procedure in nanotoxicology. *Nanotoxicology*, **2017**, 11, 31-40	5.3	22
204	Genotoxic activity of four inhibitors of DNA topoisomerases in larval cells of Drosophila melanogaster as measured in the wing spot assay. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1998**, 413, 191-203	3	22
203	Comparative genotoxic evaluation of 2-furylethylenes and 5-nitrofurans by using the comet assay in TK6 cells. *Mutagenesis*, **2005**, 20, 193-7	2.8	22
202	Mutagenic stress modulates the dynamics of CTG repeat instability associated with myotonic dystrophy type 1. *Nucleic Acids Research*, **2003**, 31, 6733-40	20.1	22
201	Equal induction and persistence of chromosome aberrations involving chromosomes 1, 4 and 10 in thyroid cancer patients treated with radioactive iodine. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2000**, 469, 147-58	3	22
200	Mitotic arrest induced by fenvalerate in human lymphocyte cultures. *Toxicology Letters*, **1989**, 48, 45-8	4.4	22
199	Unfermented grape juice reduce genomic damage on patients undergoing hemodialysis. *Food and Chemical Toxicology*, **2016**, 92, 1-7	4.7	21
198	Novel genetic variants in differentiated thyroid cancer and assessment of the cumulative risk. *Scientific Reports*, **2015**, 5, 8922	4.9	21
197	Biomonitoring of workers exposed to lead. Genotoxic effects, its modulation by polyvitamin treatment and evaluation of the induced radioresistance. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1998**, 418, 79-92	3	21
196	Gene-mutation induction by arsenic compounds in the mouse lymphoma assay. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2007**, 634, 40-50	3	21

195	Genotoxicity studies on the antimicrobial drug sulfamethoxazole in cultured human lymphocytes. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2004**, 564, 51-6	3	21
194	Analysis of bleomycin- and cytosine arabinoside-induced chromosome aberrations involving chromosomes 1 and 4 by painting FISH. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1999**, 439, 3-11	3	21
193	A cytogenetic follow-up study of thyroid cancer patients treated with 131I. *Cancer Letters*, **1995**, 91, 199-204	3.9	21
192	Genotoxicity studies with the unstable zeste-white (UZ) system of Drosophila melanogaster: results with ten carcinogenic compounds. *Environmental and Molecular Mutagenesis*, **1991**, 18, 120-5	3.2	21
191	Strong association of chromosome 1p12 loci with thyroid cancer susceptibility. *Cancer Epidemiology Biomarkers and Prevention*, **2008**, 17, 1499-504	4	20
190	Application of the single cell gel electrophoresis (SCGE) assay to the detection of DNA damage induced by 131I treatment in hyperthyroidism patients. *Mutagenesis*, **1998**, 13, 95-8	2.8	20
189	Mutagenicity testing of the pyrethroid insecticide cypermethrin in Drosophila. *Mutagenesis*, **1986**, 1, 343-6	2.8	20
188	Toxic and genotoxic effects of graphene and multi-walled carbon nanotubes. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2018**, 81, 645-660	3.2	19
187	The alkaline single-cell gel electrophoresis (SCGE) assay applied to the analysis of radiation-induced DNA damage in thyroid cancer patients treated with 131I. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1998**, 413, 111-9	3	19
186	Basal and induced micronucleus frequencies in human lymphocytes with different GST and NAT2 genetic backgrounds. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2006**, 606, 12-20	3	19
185	Genotoxic evaluation of the antimicrobial drug, trimethoprim, in cultured human lymphocytes. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1999**, 440, 157-62	3	19
184	Toxic and Genotoxic Effects of Silver Nanoparticles in Drosophila. *Environmental and Molecular Mutagenesis*, **2019**, 60, 277-285	3.2	19
183	Ogg1 genetic background determines the genotoxic potential of environmentally relevant arsenic exposures. *Archives of Toxicology*, **2014**, 88, 585-96	5.8	18
182	Effects on human bronchial epithelial cells following low-dose chronic exposure to nanomaterials: A 6-month transformation study. *Toxicology in Vitro*, **2017**, 44, 230-240	3.6	18
181	Genotoxic evaluation of two mercury compounds in the Drosophila wing spot test. *Chemosphere*, **2008**, 70, 1910-4	8.4	18
180	Quantitative PCR analysis reveals a high incidence of large intragenic deletions in the FANCA gene in Spanish Fanconi anemia patients. *Cytogenetic and Genome Research*, **2004**, 104, 341-5	1.9	18
179	Expression of YY1 in Differentiated Thyroid Cancer. *Endocrine Pathology*, **2015**, 26, 111-8	4.2	17
178	Effects of cerium oxide nanoparticles on differentiated/undifferentiated human intestinal Caco-2 cells. *Chemico-Biological Interactions*, **2018**, 283, 38-46	5	17

177	Genomic instability in newborn with short telomeres. *PLoS ONE*, **2014**, 9, e91753	3.7	17
176	Genomic instability in chronic renal failure patients. *Environmental and Molecular Mutagenesis*, **2012**, 53, 343-9	3.2	17
175	Common variants of the thyroglobulin gene are associated with differentiated thyroid cancer risk. *Thyroid*, **2011**, 21, 519-25	6.2	17
174	Genotoxic activity of different chromium compounds in larval cells of Drosophila melanogaster, as measured in the wing spot test. *Environmental and Molecular Mutagenesis*, **1999**, 34, 47-51	3.2	17
173	Genotoxic evaluation of ten carcinogens in the Drosophila melanogaster wing spot test. *Experientia*, **1995**, 51, 73-6		17
172	Pathways of human exposure to microplastics, and estimation of the total burden. *Current Opinion in Food Science*, **2021**, 39, 144-151	9.8	17
171	Reduced cellular DNA repair capacity after environmentally relevant arsenic exposure. Influence of Ogg1 deficiency. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2015**, 779, 144-51	3.3	16
170	Base excision repair capacity in chronic renal failure patients undergoing hemodialysis treatment. *Cell Biochemistry and Function*, **2014**, 32, 177-82	4.2	16
169	Genotoxicity assessment of propyl thiosulfinate oxide, an organosulfur compound from Allium extract, intended to food active packaging. *Food and Chemical Toxicology*, **2015**, 86, 365-73	4.7	16
168	Association between GSTO2 polymorphism and the urinary arsenic profile in copper industry workers. *Environmental Research*, **2010**, 110, 463-8	7.9	16
167	Genotoxic evaluation of the non-halogenated disinfection by-products nitrosodimethylamine and nitrosodiethylamine. *Journal of Hazardous Materials*, **2011**, 185, 613-8	12.8	16
166	Chromium-induced genotoxicity and interference in human lymphoblastoid cell (TK6) repair processes. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 1030-9	3.2	16
165	Multicolour FISH detection of radioactive iodine-induced 17cenþ53 chromosomal breakage in buccal cells from therapeutically exposed patients. *Carcinogenesis*, **2000**, 21, 1581-1586	4.6	16
164	Genotoxic evaluation of the furylethylene derivative 2-furyl-1-nitroethene in cultured human lymphocytes. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2001**, 497, 177-84	3	16
163	Low persistence of radiation-induced centromere positive and negative micronuclei in cultured human cells. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **1999**, 440, 163-9	3	16
162	Genetic Variants Associated with Chronic Kidney Disease in a Spanish Population. *Scientific Reports*, **2020**, 10, 144	4.9	16
161	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	7	16
160	Genotoxic evaluation of the herbicide paraquat in cultured human lymphocytes. *Teratogenesis, Carcinogenesis, and Mutagenesis*, **1997**, 17, 339-347		15

159	Antigenotoxic properties of selenium: Studies in the wing spot test in Drosophila. *Environmental and Molecular Mutagenesis*, **2001**, 37, 70-75	3.2	15
158	Equal induction and persistence of chromosome aberrations involving chromosomes with heterogeneous lengths and gene densities. *Cytogenetic and Genome Research*, **1999**, 87, 62-8	1.9	15
157	Genotoxicity studies on the phenoxyacetates 2,4-D and 4-CPA in the Drosophila wing spot test. *Teratogenesis, Carcinogenesis, and Mutagenesis*, **1999**, 19, 305-12		15
156	Sister-chromatid exchanges (SCE) induction by inhibitors of DNA topoisomerases in cultured human lymphocytes. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1996**, 368, 205-11		15
155	Genotoxic evaluation of the herbicide trifluralin on human lymphocytes exposed in vitro. *Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure*, **1996**, 371, 15-21		15
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