Ricard Marcos

List of Publications by Year in Descending Order

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	A pooled analysis of molecular epidemiological studies on modulation of DNA repair by host factors.. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2022**, 876-877, 503447	3	0
319	Nanoplastics and Arsenic Co-Exposures Exacerbate Oncogenic Biomarkers under an In Vitro Long-Term Exposure Scenario.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1
318	Drosophila as a Suitable In Vivo Model in the Safety Assessment of Nanomaterials.. *Advances in Experimental Medicine and Biology*, **2022**, 1357, 275-301	3.6	2
317	Titanium Dioxide Nanoparticles Increase Tissue Ti Concentration and Activate Antioxidants in Solanum lycopersicum L.. *Journal of Soil Science and Plant Nutrition*, **2021**, 21, 1881-1889	3.2	1
316	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. *Biomolecules*, **2021**, 11,	5.9	5
315	Pathways of human exposure to microplastics, and estimation of the total burden. *Current Opinion in Food Science*, **2021**, 39, 144-151	9.8	17
314	Novel insights into biodegradation, interaction, internalization and impacts of high-aspect-ratio TiO nanomaterials: A systematic in vivo study using Drosophila melanogaster. *Journal of Hazardous Materials*, **2021**, 409, 124474	12.8	5
313	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
312	Nanoceria, alone or in combination with cigarette-smoke condensate, induce transforming and epigenetic cancer-like features. *Nanomedicine*, **2021**, 16, 293-305	5.6	2
311	Ex vivo exposure to different types of graphene-based nanomaterials consistently alters human blood secretome. *Journal of Hazardous Materials*, **2021**, 414, 125471	12.8	2
310	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. *Scientific Reports*, **2021**, 11, 16793	4.9	8
309	Long-Term Effects of Polystyrene Nanoplastics in Human Intestinal Caco-2 Cells. *Biomolecules*, **2021**, 11,	5.9	5
308	MicroRNAs as a Suitable Biomarker to Detect the Effects of Long-Term Exposures to Nanomaterials. Studies on TiONP and MWCNT.. *Nanomaterials*, **2021**, 11,	5.4	2
307	FRA1 is essential for the maintenance of the oncogenic phenotype induced by long-term arsenic exposure. *Metallomics*, **2020**, 12, 2161-2173	4.5	0
306	Micronucleus frequency in chronic kidney disease patients: A review. *Mutation Research - Reviews in Mutation Research*, **2020**, 786, 108340	7	4
305	MTH1 is involved in the toxic and carcinogenic long-term effects induced by zinc oxide and cobalt nanoparticles. *Archives of Toxicology*, **2020**, 94, 1973-1984	5.8	3
304	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

303	Effects of Titanium Dioxide Nanoparticles on the Gene Mutations in V79 Hamster Cells. *Nanomaterials*, **2020**, 10,	5.4	10
302	Loci associated with genomic damage levels in chronic kidney disease patients and controls. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2020**, 852, 503167	3	5
301	Interactions of polystyrene nanoplastics with in vitro models of the human intestinal barrier. *Archives of Toxicology*, **2020**, 94, 2997-3012	5.8	36
300	Interactions of graphene oxide and graphene nanoplatelets with the in vitro Caco-2/HT29 model of intestinal barrier. *Scientific Reports*, **2020**, 10, 2793	4.9	14
299	Nucleotide depletion reveals the impaired ribosome biogenesis checkpoint as a barrier against DNA damage. *EMBO Journal*, **2020**, 39, e103838	13	9
298	Genetic Variants Associated with Chronic Kidney Disease in a Spanish Population. *Scientific Reports*, **2020**, 10, 144	4.9	16
297	In vivo evaluation of the toxic and genotoxic effects of exposure to cobalt nanoparticles using Drosophila melanogaster. *Environmental Science: Nano*, **2020**, 7, 610-622	7.1	14
296	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
295	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
294	The Role of Metal Oxide Nanoparticles, , and on Small Intestinal Enzyme Activity. *Environmental Science: Nano*, **2020**, 7, 3940-3964	7.1	3
293	Role of As3mt and Mth1 in the genotoxic and carcinogenic effects induced by long-term exposures to arsenic in MEF cells. *Toxicology and Applied Pharmacology*, **2020**, 409, 115303	4.6	3
292	Genotoxic and immunomodulatory effects in human white blood cells after ex vivo exposure to polystyrene nanoplastics. *Environmental Science: Nano*, **2020**, 7, 3431-3446	7.1	12
291	The Comet Assay as a Tool to Detect the Genotoxic Potential of Nanomaterials. *Nanomaterials*, **2019**, 9,	5.4	13
290	Assessing the effectiveness of green synthetized silver nanoparticles with Cryptocarya alba extracts for remotion of the organic pollutant methylene blue dye. *Environmental Science and Pollution Research*, **2019**, 26, 15115-15123	5.1	10
289	Biodistribution of Liposome-Encapsulated Bacteriophages and Their Transcytosis During Oral Phage Therapy. *Frontiers in Microbiology*, **2019**, 10, 689	5.7	28
288	Comparative toxic effects of copper-based nanoparticles and their microparticles in Daphnia magna by using natural freshwater media. *New Zealand Journal of Marine and Freshwater Research*, **2019**, 53, 460-469	1.3	6
287	Exposure to disinfection by-products in swimming pools and biomarkers of genotoxicity and respiratory damage - The PISCINA2 Study. *Environment International*, **2019**, 131, 104988	12.9	10
286	The Wing-Spot and the Comet Tests as Useful Assays for Detecting Genotoxicity in Drosophila. *Methods in Molecular Biology*, **2019**, 2031, 337-348	1.4	0

285	Micronuclei Detection by Flow Cytometry as a High-Throughput Approach for the Genotoxicity Testing of Nanomaterials. *Nanomaterials*, **2019**, 9,	5.4	10
284	Toxic and Genotoxic Effects of Silver Nanoparticles in Drosophila. *Environmental and Molecular Mutagenesis*, **2019**, 60, 277-285	3.2	19
283	Assessing the relevance of exposure time in differentiated Caco-2/HT29 cocultures. Effects of silver nanoparticles. *Food and Chemical Toxicology*, **2019**, 123, 258-267	4.7	10
282	Micronuclei frequency in urothelial cells of bladder cancer patients, as a biomarker of prognosis. *Environmental and Molecular Mutagenesis*, **2019**, 60, 168-173	3.2	7
281	Effects of cerium oxide nanoparticles on differentiated/undifferentiated human intestinal Caco-2 cells. *Chemico-Biological Interactions*, **2018**, 283, 38-46	5	17
280	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
279	Hazard assessment of three haloacetic acids, as byproducts of water disinfection, in human urothelial cells. *Toxicology and Applied Pharmacology*, **2018**, 347, 70-78	4.6	12
278	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
277	Influence of Carnicor, Venofer, and Sevelamer on the levels of genotoxic damage in end-stage renal disease patients. *Environmental and Molecular Mutagenesis*, **2018**, 59, 302-311	3.2	5
276	Titanium dioxide nanoparticles translocate through differentiated Caco-2 cell monolayers, without disrupting the barrier functionality or inducing genotoxic damage. *Journal of Applied Toxicology*, **2018**, 38, 1195-1205	4.1	11
275	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
274	Levels of DNA damage (Micronuclei) in patients suffering from chronic kidney disease. Role of GST polymorphisms. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2018**, 836, 41-46	3	5
273	Genotoxicity of Copper and Nickel Nanoparticles in Somatic Cells of. *Journal of Toxicology*, **2018**, 2018, 7278036	3.1	13
272	Nanoceria acts as antioxidant in tumoral and transformed cells. *Chemico-Biological Interactions*, **2018**, 291, 7-15	5	28
271	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
270	Systematic in vivo study of NiO nanowires and nanospheres: biodegradation, uptake and biological impacts. *Nanotoxicology*, **2018**, 12, 1027-1044	5.3	13
269	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
268	Antigenotoxic potential of boron nitride nanotubes. *Nanotoxicology*, **2018**, 12, 868-884	5.3	10

267	Copper oxide nanoparticles and copper sulphate act as antigenotoxic agents in drosophila melanogaster. *Environmental and Molecular Mutagenesis*, **2017**, 58, 46-55	3.2	10
266	Vitamin E-coated dialysis membranes reduce the levels of oxidative genetic damage in hemodialysis patients. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2017**, 815, 16-21	3	13
265	Assessing the genotoxic effects of two lipid peroxidation products (4-oxo-2-nonenal and 4-hydroxy-hexenal) in haemocytes and midgut cells of Drosophila melanogaster larvae. *Food and Chemical Toxicology*, **2017**, 105, 1-7	4.7	9
264	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
263	Tocopherol and selenite modulate the transplacental effects induced by sodium arsenite in hamsters. *Reproductive Toxicology*, **2017**, 74, 204-211	3.4	5
262	DNA damage in kidney transplant patients. Role of organ origin. *Environmental and Molecular Mutagenesis*, **2017**, 58, 712-718	3.2	5
261	DNA methylation changes in human lung epithelia cells exposed to multi-walled carbon nanotubes. *Nanotoxicology*, **2017**, 11, 857-870	5.3	31
260	Long-term effects of silver nanoparticles in caco-2 cells. *Nanotoxicology*, **2017**, 11, 771-780	5.3	26
259	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
258	Reactive carbonyl compounds impair wound healing by vimentin collapse and loss of the primary cilium. *Food and Chemical Toxicology*, **2017**, 108, 128-138	4.7	4
257	Synergistic role of nanoceria on the ability of tobacco smoke to induce carcinogenic hallmarks in lung epithelial cells. *Nanomedicine*, **2017**, 12, 2623-2635	5.6	6
256	Frozen dispersions of nanomaterials are a useful operational procedure in nanotoxicology. *Nanotoxicology*, **2017**, 11, 31-40	5.3	22
255	High throughput toxicity screening and intracellular detection of nanomaterials. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2017**, 9, e1413	9.2	84
254	In vitro studies on the tumorigenic potential of the halonitromethanes trichloronitromethane and bromonitromethane. *Toxicology in Vitro*, **2017**, 45, 72-80	3.6	5
253	Selenite restores Pax6 expression in neuronal cells of chronically arsenic-exposed Golden Syrian hamsters. *Acta Biochimica Polonica*, **2017**, 64, 635-639	2	0
252	Acute and long-term in vitro effects of zinc oxide nanoparticles. *Archives of Toxicology*, **2016**, 90, 2201-2218	5.8	38
251	Oxidative DNA damage enhances the carcinogenic potential of in vitro chronic arsenic exposures. *Archives of Toxicology*, **2016**, 90, 1893-905	5.8	22
250	Genetic damage in patients moving from hemodialysis to online hemodiafiltration. *Mutagenesis*, **2016**, 31, 131-5	2.8	8

249	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
248	Levels of DNA damage in peripheral blood lymphocytes of patients undergoing standard hemodialysis vs on-line hemodiafiltration: A comet assay investigation. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2016**, 808, 1-7	3	5
247	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
246	Multi-walled carbon nanotubes (NM401) induce ROS-mediated HPRT mutations in Chinese hamster lung fibroblasts. *Environmental Research*, **2016**, 146, 185-90	7.9	22
245	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
244	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
243	Unfermented grape juice reduce genomic damage on patients undergoing hemodialysis. *Food and Chemical Toxicology*, **2016**, 92, 1-7	4.7	21
242	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
241	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
240	NF-B Mediates the Expression of TBX15 in Cancer Cells. *PLoS ONE*, **2016**, 11, e0157761	3.7	7
239	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
238	Expression of YY1 in Differentiated Thyroid Cancer. *Endocrine Pathology*, **2015**, 26, 111-8	4.2	17
237	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
236	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
235	Radiosensitivity in patients suffering from chronic kidney disease. *International Journal of Radiation Biology*, **2015**, 91, 172-8	2.9	10
234	Genotoxicity of copper oxide nanoparticles in Drosophila melanogaster. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2015**, 791, 1-11	3	31
233	Novel antiapoptotic effect of TBX15: overexpression of TBX15 reduces apoptosis in cancer cells. *Apoptosis: an International Journal on Programmed Cell Death*, **2015**, 20, 1338-46	5.4	10
232	Long-term exposures to low doses of cobalt nanoparticles induce cell transformation enhanced by oxidative damage. *Nanotoxicology*, **2015**, 9, 138-47	5.3	42

231	Genotoxic and cell-transforming effects of titanium dioxide nanoparticles. *Environmental Research*, **2015**, 136, 300-8	7.9	49
230	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
229	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
228	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
227	Genomic damage as a biomarker of chronic kidney disease status. *Environmental and Molecular Mutagenesis*, **2015**, 56, 301-12	3.2	22
226	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
225	Novel genetic variants in differentiated thyroid cancer and assessment of the cumulative risk. *Scientific Reports*, **2015**, 5, 8922	4.9	21
224	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
223	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
222	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
221	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
220	Base excision repair capacity in chronic renal failure patients undergoing hemodialysis treatment. *Cell Biochemistry and Function*, **2014**, 32, 177-82	4.2	16
219	Zinc oxide nanoparticles: genotoxicity, interactions with UV-light and cell-transforming potential. *Journal of Hazardous Materials*, **2014**, 264, 420-9	12.8	54
218	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
217	Micronucleus frequency in copper-mine workers exposed to arsenic is modulated by the AS3MT Met287Thr polymorphism. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2014**, 759, 51-5	3	14
216	Time in hemodialysis modulates the levels of genetic damage in hemodialysis patients. *Environmental and Molecular Mutagenesis*, **2014**, 55, 363-8	3.2	7
215	Ogg1 genetic background determines the genotoxic potential of environmentally relevant arsenic exposures. *Archives of Toxicology*, **2014**, 88, 585-96	5.8	18
214	Genomic instability in newborn with short telomeres. *PLoS ONE*, **2014**, 9, e91753	3.7	17

213	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
212	Arsenic exposure disrupts the normal function of the FA/BRCA repair pathway. *Toxicological Sciences*, **2014**, 142, 93-104	4.4	8
211	The effect of dietary estimates calculated using food frequency questionnaires on micronuclei formation in European pregnant women: a NewGeneris study. *Mutagenesis*, **2014**, 29, 393-400	2.8	7
210	The SMART Assays of Drosophila: Wings and Eyes as Target Tissues. *Methods in Pharmacology and Toxicology*, **2014**, 283-295	1.1	2
209	The Comet Assay in Drosophila: Neuroblast and Hemocyte Cells. *Methods in Pharmacology and Toxicology*, **2014**, 269-282	1.1	2
208	Testing the Genotoxic Potential of Nanomaterials Using Drosophila. *Methods in Pharmacology and Toxicology*, **2014**, 297-304	1.1	4
207	In vivo Genotoxicity of Four Synthetic Pyrethroids with Combinations of Piperonyl Butoxide (PBO) Using the Drosophila SMART Assay. *Ekoloji*, **2014**, 9-18		3
206	AS3MT Met287Thr polymorphism influences the arsenic-induced DNA damage in environmentally exposed Mexican populations. *Arsenic in the Environment Proceedings*, **2014**, 582-584		
205	Inhibition of hepatocyte nuclear factor 1 and 4 alpha (HNF1□and HNF4□as a mechanism of arsenic carcinogenesis. *Archives of Toxicology*, **2013**, 87, 1001-12	5.8	9
204	In vivo genotoxicity assessment of titanium, zirconium and aluminium nanoparticles, and their microparticulated forms, in Drosophila. *Chemosphere*, **2013**, 93, 2304-10	8.4	47
203	The wing-spot and the comet tests as useful assays detecting genotoxicity in Drosophila. *Methods in Molecular Biology*, **2013**, 1044, 417-27	1.4	8
202	Genome-wide association study on differentiated thyroid cancer. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E1674-81	5.6	64
201	Mutagenic/recombinogenic effects of four lipid peroxidation products in Drosophila. *Food and Chemical Toxicology*, **2013**, 53, 221-7	4.7	13
200	Genotoxicity of cobalt nanoparticles and ions in Drosophila. *Nanotoxicology*, **2013**, 7, 462-8	5.3	55
199	Influence of DNA-repair gene variants on the micronucleus frequency in thyroid cancer patients. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2013**, 750, 34-9	3	10
198	TPO genetic variants and risk of differentiated thyroid carcinoma in two European populations. *International Journal of Cancer*, **2013**, 133, 2843-51	7.5	14
197	An epistatic interaction between the PAX8 and STK17B genes in papillary thyroid cancer susceptibility. *PLoS ONE*, **2013**, 8, e74765	3.7	8
196	Genomic damage as an independent predictor marker of mortality in hemodialysis patients. *Clinical Nephrology*, **2013**, 80, 81-7	2.1	10

195	Genotoxicity studies in the ST cross of the Drosophila wing spot test of sunflower and soybean oils before and after frying and boiling procedures. *Food and Chemical Toxicology*, **2012**, 50, 3619-24	4.7	5
194	Genomic instability in chronic renal failure patients. *Environmental and Molecular Mutagenesis*, **2012**, 53, 343-9	3.2	17
193	Common genetic variants in pituitary-thyroid axis genes and the risk of differentiated thyroid cancer. *Endocrine Connections*, **2012**, 1, 68-77	3.5	4
192	Possible role of the WDR3 gene on genome stability in thyroid cancer patients. *PLoS ONE*, **2012**, 7, e44288	3.7	3
191	Genotoxic and carcinogenic risk of arsenic exposure. *Arsenic in the Environment*, **2012**, 43-54		
190	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
189	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
188	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
187	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
186	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
185	Identification of differentially expressed genes in the livers of chronically i-As-treated hamsters. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2011**, 713, 48-55	3.3	6
184	Are thyroid cancer patients sensitive to ionising radiation?. *International Journal of Radiation Biology*, **2011**, 87, 932-5	2.9	2
183	Proposal of an in vivo comet assay using haemocytes of Drosophila melanogaster. *Environmental and Molecular Mutagenesis*, **2011**, 52, 165-9	3.2	36
182	Genotoxic analysis of silver nanoparticles in Drosophila. *Nanotoxicology*, **2011**, 5, 417-24	5.3	79
181	Construction and validation of a dose-response curve using the comet assay to determine human radiosensitivity to ionizing radiation. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2011**, 74, 1087-93	3.2	9
180	Genotoxic evaluation of the non-halogenated disinfection by-products nitrosodimethylamine and nitrosodiethylamine. *Journal of Hazardous Materials*, **2011**, 185, 613-8	12.8	16
179	Mutagenic analysis of six disinfection by-products in the Tk gene of mouse lymphoma cells. *Journal of Hazardous Materials*, **2011**, 190, 1045-52	12.8	7
178	Common variants of the thyroglobulin gene are associated with differentiated thyroid cancer risk. *Thyroid*, **2011**, 21, 519-25	6.2	17

177	Micronuclei and pesticide exposure. *Mutagenesis*, **2011**, 26, 19-26	2.8	92
176	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
175	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
174	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
173	Genetic damage in chronic renal failure patients is associated with the glomerular filtration rate index. *Mutagenesis*, **2010**, 25, 603-8	2.8	23
172	WDR3 gene haplotype is associated with thyroid cancer risk in a Spanish population. *Thyroid*, **2010**, 20, 803-9	6.2	13
171	Genotoxicity testing of three monohaloacetic acids in TK6 cells using the cytokinesis-block micronucleus assay. *Mutagenesis*, **2010**, 25, 505-9	2.8	13
170	Oxidative DNA damage in chronic renal failure patients. *Nephrology Dialysis Transplantation*, **2010**, 25, 879-85	4.3	44
169	Genotoxic effects in swimmers exposed to disinfection by-products in indoor swimming pools. *Environmental Health Perspectives*, **2010**, 118, 1531-7	8.4	104
168	Short-term changes in respiratory biomarkers after swimming in a chlorinated pool. *Environmental Health Perspectives*, **2010**, 118, 1538-44	8.4	76
167	Association between GSTO2 polymorphism and the urinary arsenic profile in copper industry workers. *Environmental Research*, **2010**, 110, 463-8	7.9	16
166	DNA damage induction by two halogenated acetaldehydes, byproducts of water disinfection. *Water Research*, **2010**, 44, 2638-46	12.5	28
165	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
164	Genotoxicity analysis of two hydroxyfuranones, byproducts of water disinfection, in human cells treated in vitro. *Environmental and Molecular Mutagenesis*, **2009**, 50, 413-20	3.2	14
163	Detection of excision repaired DNA damage in the comet assay by using Ara-C and hydroxyurea in three different cell types. *Cell Biology and Toxicology*, **2009**, 25, 73-80	7.4	5
162	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
161	Genotoxic evaluation of two halonitromethane disinfection by-products in the Drosophila wing-spot test. *Chemosphere*, **2009**, 75, 906-9	8.4	10
160	Genotoxicity of heptachlor and heptachlor epoxide in human TK6 lymphoblastoid cells. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2009**, 673, 87-91	3	10

159	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
158	Arsenic trioxide mutational spectrum analysis in the mouse lymphoma assay. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2008**, 646, 1-7	3.3	9
157	Evaluation of the genotoxic potential of three phenyltetrahydropyridinyl butylazole-derived sigma-receptor ligand drug candidates. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2008**, 653, 91-8	3	6
156	Formation of micronucleated erythrocytes in mouse bone-marrow under conditions of hypothermia is not associated with stimulation of erythropoiesis. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2008**, 656, 8-13	3	7
155	Micronuclei assessment in the urothelial cells of women using hair dyes and its modulation by genetic polymorphisms. *Cancer Letters*, **2008**, 263, 259-66	9.9	14
154	Genotoxic evaluation of two mercury compounds in the Drosophila wing spot test. *Chemosphere*, **2008**, 70, 1910-4	8.4	18
153	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
152	Role of GST and NAT2 polymorphisms in thyroid cancer. *Journal of Endocrinological Investigation*, **2008**, 31, 1025-31	5.2	11
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