Laetitia Gonzalez

List of Publications by Year
in descending order

24 papers	2,280 citations	430874 18 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	4053 citing authors

#	ARTICLE	IF	CITATIONS
1	Sizeâ€Dependent Cytotoxicity of Monodisperse Silica Nanoparticles in Human Endothelial Cells. Small, 2009, 5, 846-853.	10.0	513
2	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239
3	The in vitro MN assay in 2011: origin and fate, biological significance, protocols, high throughput methodologies and toxicological relevance. Archives of Toxicology, 2011, 85, 873-899.	4.2	219
4	Genotoxicity of engineered nanomaterials: A critical review. Nanotoxicology, 2008, 2, 252-273.	3.0	218
5	Nominal and Effective Dosimetry of Silica Nanoparticles in Cytotoxicity Assays. Toxicological Sciences, 2008, 104, 155-162.	3.1	183
6	Causes of genome instability: the effect of low dose chemical exposures in modern society. Carcinogenesis, 2015, 36, S61-S88.	2.8	149
7	Synthesis and Characterization of Stable Monodisperse Silica Nanoparticle Sols for <i>in Vitro</i> Cytotoxicity Testing. Langmuir, 2010, 26, 328-335.	3.5	137
8	Influence of size, surface area and microporosity on the<i>in vitro</i>cytotoxic activity of amorphous silica nanoparticles in different cell types. Nanotoxicology, 2010, 4, 307-318.	3.0	122
9	Adaptations of the in vitro MN assay for the genotoxicity assessment of nanomaterials. Mutagenesis, 2011, 26, 185-191.	2.6	93
10	Exploring the aneugenic and clastogenic potential in the nanosize range: A549 human lung carcinoma cells and amorphous monodisperse silica nanoparticles as models. Nanotoxicology, 2010, 4, 382-395.	3.0	91
11	Oxidative Stress Induced by Pure and Iron-Doped Amorphous Silica Nanoparticles in Subtoxic Conditions. Chemical Research in Toxicology, 2012, 25, 828-837.	3.3	64
12	Co-assessment of cell cycle and micronucleus frequencies demonstrates the influence of serum on the<i>in vitro</i>genotoxic response to amorphous monodisperse silica nanoparticles of varying sizes. Nanotoxicology, 2014, 8, 876-884.	3.0	44
13	Eco-, geno- and human toxicology of bio-active nanoparticles for biomedical applications. Toxicology, 2010, 269, 170-181.	4.2	43
14	Induction of chromosome malsegregation by nanomaterials. Biochemical Society Transactions, 2010, 38, 1691-1697.	3.4	29
15	Influence of serum on in situ proliferation and genotoxicity in A549 human lung cells exposed to nanomaterials. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 745, 21-27.	1.7	29
16	Risk assessment of genotoxic mutagens with thresholds: A brief introduction. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 678, 72-75.	1.7	22
17	Biomonitoring of genotoxic effects for human exposure to nanomaterials: The challenge ahead. Mutation Research - Reviews in Mutation Research, 2016, 768, 14-26.	5.5	21
18	Amorphous silica nanoparticles alter microtubule dynamics and cell migration. Nanotoxicology, 2015, 9, 729-736.	3.0	19

#	Article	IF	Citations
19	Tetraploid cells produced by absence of substrate adhesion during cytokinesis are limited in their proliferation and enter senescence after DNA replication. Cell Cycle, 2016, 15, 274-282.	2.6	14
20	Towards a New Paradigm in Nanoâ€Genotoxicology: Facing Complexity of Nanomaterialsâ€™ Cellular Interactions and Effects. Basic and Clinical Pharmacology and Toxicology, 2017, 121, 23-29.	2.5	11
21	Methodological Approaches Influencing Cellular Uptake and Cyto-(Geno) Toxic Effects of Nanoparticles. Journal of Biomedical Nanotechnology, 2011, 7, 3-5.	1.1	10
22	Reprint of â€œBiomonitoring of genotoxic effects for human exposure to nanomaterials: The challenge aheadâ€• Mutation Research - Reviews in Mutation Research, 2016, 770, 204-216.	5.5	5
23	Letter to the Editor Regarding the Article by Wittmaack. Chemical Research in Toxicology, 2012, 25, 4-6.	3.3	3
24	Genomic Integrity of Mouse Embryonic Stem Cells. , 2012, , .		2