

# Laetitia Gonzalez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9183695/publications.pdf>

Version: 2024-02-01

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  | Towards a New Paradigm in Nano-Genotoxicology: Facing Complexity of Nanomaterials™ Cellular Interactions and Effects. Basic and Clinical Pharmacology and Toxicology, 2017, 121, 23-29.   | 2.5 | 11        |
| 2  | Reprint of "Biomonitoring of genotoxic effects for human exposure to nanomaterials: The challenge ahead". Mutation Research - Reviews in Mutation Research, 2016, 770, 204-216.   | 5.5 | 5         |
| 3  | 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        |
| 4  | 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        |
| 5  | Amorphous silica nanoparticles alter microtubule dynamics and cell migration. Nanotoxicology, 2015, 9, 729-736.   | 3.0 | 19        |
| 6  | 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       |
| 7  | Causes of genome instability: the effect of low dose chemical exposures in modern society. Carcinogenesis, 2015, 36, S61-S88.   | 2.8 | 149       |
| 8  | 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        |
| 9  | Letter to the Editor Regarding the Article by Wittmaack. Chemical Research in Toxicology, 2012, 25, 4-6.  | 3.3 | 3         |
| 10 | Influence of serum on <i>in situ</i> 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        |
| 11 | Genomic Integrity of Mouse Embryonic Stem Cells. , 2012, , .  |     | 2         |
| 12 | 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        |
| 13 | Adaptations of the <i>in vitro</i> MN assay for the genotoxicity assessment of nanomaterials. Mutagenesis, 2011, 26, 185-191.   | 2.6 | 93        |
| 14 | Methodological Approaches Influencing Cellular Uptake and Cyto-(Geno) Toxic Effects of Nanoparticles. Journal of Biomedical Nanotechnology, 2011, 7, 3-5.   | 1.1 | 10        |
| 15 | The <i>in vitro</i> 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       |
| 16 | Eco-, geno- and human toxicology of bio-active nanoparticles for biomedical applications. Toxicology, 2010, 269, 170-181.   | 4.2 | 43        |
| 17 | Induction of chromosome malsegregation by nanomaterials. Biochemical Society Transactions, 2010, 38, 1691-1697.   | 3.4 | 29        |
| 18 | Exploring the aneuploidic 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        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Influence of size, surface area and microporosity on the <i>in vitro</i> cytotoxic activity of amorphous silica nanoparticles in different cell types. <i>Nanotoxicology</i> , 2010, 4, 307-318. | 3.0  | 122       |
| 20 | Synthesis and Characterization of Stable Monodisperse Silica Nanoparticle Sols for <i>in Vitro</i> Cytotoxicity Testing. <i>Langmuir</i> , 2010, 26, 328-335.                                    | 3.5  | 137       |
| 21 | Size-Dependent Cytotoxicity of Monodisperse Silica Nanoparticles in Human Endothelial Cells. <i>Small</i> , 2009, 5, 846-853.  | 10.0 | 513       |
| 22 | Risk assessment of genotoxic mutagens with thresholds: A brief introduction. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 678, 72-75.                     | 1.7  | 22        |
| 23 | Genotoxicity of engineered nanomaterials: A critical review. <i>Nanotoxicology</i> , 2008, 2, 252-273.   | 3.0  | 218       |
| 24 | Nominal and Effective Dosimetry of Silica Nanoparticles in Cytotoxicity Assays. <i>Toxicological Sciences</i> , 2008, 104, 155-162.  | 3.1  | 183       |