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List of Publications by Year in descending order

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24 papers	2,280 citations	489802 18 h-index	721071 23 g-index
24 all docs	24 docs citations	24 times ranked	4462 citing authors

#	Article	IF	Citations
1	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.	1.2	11
2	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.	2.4	5
3	Biomonitoring of genotoxic effects for human exposure to nanomaterials: The challenge ahead. Mutation Research - Reviews in Mutation Research, 2016, 768, 14-26.	2.4	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.	1.3	14
5	Amorphous silica nanoparticles alter microtubule dynamics and cell migration. Nanotoxicology, 2015, 9, 729-736.	1.6	19
6	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	1.3	239
7	Causes of genome instability: the effect of low dose chemical exposures in modern society. Carcinogenesis, 2015, 36, S61-S88.	1.3	149
8	Co-assessment of cell cycle and micronucleus frequencies demonstrates the influence of serum on thein vitrogenotoxic response to amorphous monodisperse silica nanoparticles of varying sizes. Nanotoxicology, 2014, 8, 876-884.	1.6	44
9	Letter to the Editor Regarding the Article by Wittmaack. Chemical Research in Toxicology, 2012, 25, 4-6.	1.7	3
10	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.	0.9	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.	1.7	64
13	Adaptations of the in vitro MN assay for the genotoxicity assessment of nanomaterials. Mutagenesis, 2011, 26, 185-191.	1.0	93
14	Methodological Approaches Influencing Cellular Uptake and Cyto-(Geno) Toxic Effects of Nanoparticles. Journal of Biomedical Nanotechnology, 2011, 7, 3-5.	0.5	10
15	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.	1.9	219
16	Eco-, geno- and human toxicology of bio-active nanoparticles for biomedical applications. Toxicology, 2010, 269, 170-181.	2.0	43
17	Induction of chromosome malsegregation by nanomaterials. Biochemical Society Transactions, 2010, 38, 1691-1697.	1.6	29
18	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.	1.6	91

#	Article	IF	Citations
19	Influence of size, surface area and microporosity on thein vitrocytotoxic activity of amorphous silica nanoparticles in different cell types. Nanotoxicology, 2010, 4, 307-318.	1.6	122
20	Synthesis and Characterization of Stable Monodisperse Silica Nanoparticle Sols for in Vitro Cytotoxicity Testing. Langmuir, 2010, 26, 328-335.	1.6	137
21	Sizeâ€Dependent Cytotoxicity of Monodisperse Silica Nanoparticles in Human Endothelial Cells. Small, 2009, 5, 846-853.	5.2	513
22	Risk assessment of genotoxic mutagens with thresholds: A brief introduction. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 678, 72-75.	0.9	22
23	Genotoxicity of engineered nanomaterials: A critical review. Nanotoxicology, 2008, 2, 252-273.	1.6	218
24	Nominal and Effective Dosimetry of Silica Nanoparticles in Cytotoxicity Assays. Toxicological Sciences, 2008, 104, 155-162.	1.4	183