Sebastiano Di Bucchianico

List of Publications by Year
in descending order

33	1,195	471509	414414
papers	citations	17 h-index	32 g-index

33	33	33	1947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of Volatile and Semi-volatile Organic Compounds from Farming Environments on Allergy-Related Cellular Processes. Exposure and Health, 2022, 14, 185-201.	4.9	1
2	Genotoxic and inflammatory effects of spruce and brown coal briquettes combustion aerosols on lung cells at the air-liquid interface. Science of the Total Environment, 2022, 806, 150489.	8.0	9
3	A comparative study of persistent DNA oxidation and chromosomal instability induced in vitro by oxidizers and reference airborne particles. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 874-875, 503446.	1.7	2
4	Effect of Atmospheric Aging on Soot Particle Toxicity in Lung Cell Models at the Airâ€“Liquid Interface: Differential Toxicological Impacts of Biogenic and Anthropogenic Secondary Organic Aerosols (SOAs). Environmental Health Perspectives, 2022, 130, 27003.	6.0	44
5	Impact of Thermal Stress on Abrasive Dust from a Carbon Fiber-Reinforced Concrete Composite. Fibers, 2022, 10, 39.	4.0	3
6	Exposure to naphthalene and Î²-pinene-derived secondary organic aerosol induced divergent changes in transcript levels of BEAS-2B cells. Environment International, 2022, 166, 107366.	10.0	18
7	Adenine derivatization for LC-MS/MS epigenetic DNA modifications studies on monocytic THP-1 cells exposed to reference particulate matter. Analytical Biochemistry, 2021, 618, 114127.	2.4	3
8	Investigation of Chemical Composition and Fiber-Occurrence in Inhalable Particulate Matter Obtained from Dry Cutting Processes of Carbon Fiber Reinforced Concrete Composite, Concrete and the Carbon Fiber Reinforcement Materials. Aerosol Science and Engineering, 2021, 5, 292-306.	1.9	4
9	Dried Blood Spot (DBS) Methodology Study for Biomarker Discovery in Lysosomal Storage Disease (LSD). Metabolites, 2021, 11, 382.	2.9	7
10	In vitro genotoxicity of dibutyl phthalate on <scp>A549</scp> lung cells at airâ€“liquid interface in exposure concentrations relevant at workplaces. Environmental and Molecular Mutagenesis, 2021, 62, 490-501.	2.2	9
11	Influence of wood species on toxicity of log-wood stove combustion aerosols: a parallel animal and air-liquid interface cell exposure study on spruce and pine smoke. Particle and Fibre Toxicology, 2020, 17, 27.	6.2	38
12	Is the particle deposition in a cell exposure facility comparable to the lungs? A computer model approach. Aerosol Science and Technology, 2020, 54, 668-684.	3.1	2
13	Silver nanoparticles modulate lipopolysaccharide-triggered Toll-like receptor signaling in immune-competent human cell lines. Nanoscale Advances, 2020, 2, 648-658.	4.6	18
14	Dry Generation of CeO2 Nanoparticles and Deposition onto a Co-Culture of A549 and THP-1 Cells in Air-Liquid Interfaceâ€”Dosimetry Considerations and Comparison to Submerged Exposure. Nanomaterials, 2020, 10, 618.	4.1	27
15	Transcriptome Profiling and Toxicity Following Long-Term, Low Dose Exposure of Human Lung Cells to Ni and NiO Nanoparticlesâ€”Comparison with NiCl2. Nanomaterials, 2020, 10, 649.	4.1	18
16	RNA-sequencing reveals long-term effects of silver nanoparticles on human lung cells. Scientific Reports, 2018, 8, 6668.	3.3	68
17	Genotoxic and mutagenic properties of Ni and NiO nanoparticles investigated by comet assay, Î³â€H2AX staining, Hprt mutation assay and ToxTracker reporter cell lines. Environmental and Molecular Mutagenesis, 2018, 59, 211-222.	2.2	64
18	Calcium-dependent cyto- and genotoxicity of nickel metal and nickel oxide nanoparticles in human lung cells. Particle and Fibre Toxicology, 2018, 15, 32.	6.2	70

#	Article	IF	Citations
19	Genotoxicity of TiO₂nanoparticles assessed by mini-gel comet assay and micronucleus scoring with flow cytometry. Mutagenesis, 2017, 32, 127-137.	2.6	92
20	Multiple endpoints to evaluate pristine and remediated titanium dioxide nanoparticles genotoxicity in lung epithelial A549 cells. Toxicology Letters, 2017, 276, 48-61.	0.8	38
21	Effects of ozone exposure on human epithelial adenocarcinoma and normal fibroblasts cells. PLoS ONE, 2017, 12, e0184519.	2.5	13
22	In vivo micronucleus screening in zebrafish by flow cytometry. Mutagenesis, 2016, 31, 643-653.	2.6	12
23	A panel ofin vitrotests to evaluate genotoxic and morphological neoplastic transformation potential onBalb/3T3cells by pristine and remediated titania and zirconia nanoparticles. Mutagenesis, 2016, 31, 511-529.	2.6	27
24	Nickel Release, ROS Generation and Toxicity of Ni and NiO Micro- and Nanoparticles. PLoS ONE, 2016, 11, e0159684.	2.5	109
25	Nanomaterials and neurodegeneration. Environmental and Molecular Mutagenesis, 2015, 56, 149-170.	2.2	70
26	Cyto- and genotoxicity assessment of Gold nanoparticles obtained by laser ablation in A549 lung adenocarcinoma cells. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	8
27	Can the comet assay be used reliably to detect nanoparticleâ€induced genotoxicity?. Environmental and Molecular Mutagenesis, 2015, 56, 82-96.	2.2	110
28	Aneuploidogenic effects and DNA oxidation induced in vitro by differently sized gold nanoparticles. International Journal of Nanomedicine, 2014, 9, 2191.	6.7	59
29	The In Vitro Micronucleus Assay and FISH Analysis. Methods in Pharmacology and Toxicology, 2014, , 73-102.	0.2	2
30	Multiple cytotoxic and genotoxic effects induced in vitro by differently shaped copper oxide nanomaterials. Mutagenesis, 2013, 28, 287-299.	2.6	61
31	Effects of single and multi walled carbon nanotubes on macrophages: Cyto and genotoxicity and electron microscopy. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 722, 20-31.	1.7	171
32	Atomic Force Microscope nanolithography on chromosomes to generate single-cell genetic probes. Journal of Nanobiotechnology, 2011, 9, 27.	9.1	13
33	Cytogenetic stability of chicken Tâ€cell line transformed with Marek's disease virus: atomic force microscope, a new tool for investigation. Journal of Molecular Recognition, 2011, 24, 608-618.	2.1	5