

Julia Cataln

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

1,651
citations

20
h-index

40
g-index

40
ext. papers

1,815
ext. citations

4.6
avg, IF

4.11
L-index

#	Paper	IF	Citations
39	Surface functionalization and size modulate the formation of reactive oxygen species and genotoxic effects of cellulose nanofibrils.. <i>Particle and Fibre Toxicology</i> , 2022 , 19, 19	8.4	1
38	Nanocelluloses - Nanotoxicology, Safety Aspects and 3D Bioprinting.. <i>Advances in Experimental Medicine and Biology</i> , 2022 , 1357, 155-177	3.6	1
37	Genotoxicity of Graphene-Based Materials. <i>Nanomaterials</i> , 2022 , 12, 1795	5.4	1
36	Pulmonary toxicity of synthetic amorphous silica - effects of porosity and copper oxide doping. <i>Nanotoxicology</i> , 2021 , 15, 96-113	5.3	3
35	Role of Surface Chemistry in the In Vitro Lung Response to Nanofibrillated Cellulose. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
34	Genotoxicity and cellular uptake of nanosized and fine copper oxide particles in human bronchial epithelial cells in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020 , 856-857, 503217	3	8
33	Size, Surface Functionalization, and Genotoxicity of Gold Nanoparticles In Vitro. <i>Nanomaterials</i> , 2020 , 10,	5.4	23
32	Short-term oral administration of non-porous and mesoporous silica did not induce local or systemic toxicity in mice. <i>Nanotoxicology</i> , 2020 , 14, 1324-1341	5.3	7
31	Sensitive method for endotoxin determination in nanomedicinal product samples. <i>Nanomedicine</i> , 2019 , 14, 1231-1246	5.6	8
30	In vivo toxicological evaluation of polymer brush engineered nanoceria: impact of brush charge. <i>Nanotoxicology</i> , 2019 , 13, 305-325	5.3	2
29	Development of a systematic method to assess similarity between nanomaterials for human hazard evaluation purposes - lessons learnt. <i>Nanotoxicology</i> , 2018 , 12, 652-676	5.3	18
28	A theoretical approach for a weighted assessment of the mutagenic potential of nanomaterials. <i>Nanotoxicology</i> , 2017 , 11, 964-977	5.3	13
27	Safety Aspects of Bio-Based Nanomaterials. <i>Bioengineering</i> , 2017 , 4,	5.3	23
26	Genotoxic and inflammatory effects of nanofibrillated cellulose in murine lungs. <i>Mutagenesis</i> , 2017 , 32, 23-31	2.8	48
25	In vitro and in vivo genotoxic effects of straight versus tangled multi-walled carbon nanotubes. <i>Nanotoxicology</i> , 2016 , 10, 794-806	5.3	47
24	Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016 , 805, 7-18	3	15
23	Extensive temporal transcriptome and microRNA analyses identify molecular mechanisms underlying mitochondrial dysfunction induced by multi-walled carbon nanotubes in human lung cells. <i>Nanotoxicology</i> , 2015 , 9, 624-35	5.3	24

22	Genotoxic and immunotoxic effects of cellulose nanocrystals in vitro. <i>Environmental and Molecular Mutagenesis</i> , 2015 , 56, 171-82	3.2	57
21	Nanomaterials and Human Health 2014 , 59-133		9
20	Free radical scavenging and formation by multi-walled carbon nanotubes in cell free conditions and in human bronchial epithelial cells. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 4	8.4	43
19	Analysis of Nanoparticle-Induced DNA Damage by the Comet Assay. <i>Methods in Pharmacology and Toxicology</i> , 2014 , 241-268	1.1	7
18	Genotoxicity of short single-wall and multi-wall carbon nanotubes in human bronchial epithelial and mesothelial cells in vitro. <i>Toxicology</i> , 2013 , 313, 24-37	4.4	68
17	Genotoxicity of polyvinylpyrrolidone-coated silver nanoparticles in BEAS 2B cells. <i>Toxicology</i> , 2013 , 313, 38-48	4.4	85
16	Induction of chromosomal aberrations by carbon nanotubes and titanium dioxide nanoparticles in human lymphocytes in vitro. <i>Nanotoxicology</i> , 2012 , 6, 825-36	5.3	32
15	Genotoxicity of inhaled nanosized TiO ₂ in mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012 , 745, 58-64	3	74
14	Nano-specific genotoxic effects. <i>Journal of Biomedical Nanotechnology</i> , 2011 , 7, 19	4	9
13	Micronucleus assay for mouse alveolar Type II and Clara cells. <i>Environmental and Molecular Mutagenesis</i> , 2010 , 51, 164-72	3.2	9
12	Chromosomal aberrations in railroad transit workers: effect of genetic polymorphisms. <i>Environmental and Molecular Mutagenesis</i> , 2009 , 50, 304-16	3.2	8
11	Genotoxic effects of nanosized and fine TiO ₂ . <i>Human and Experimental Toxicology</i> , 2009 , 28, 339-52	3.4	176
10	Genotoxicity of nanomaterials: DNA damage and micronuclei induced by carbon nanotubes and graphite nanofibres in human bronchial epithelial cells in vitro. <i>Toxicology Letters</i> , 2009 , 186, 166-73	4.4	232
9	Interaction of MAP17 with NHERF3/4 induces translocation of the renal Na/Pi IIa transporter to the trans-Golgi. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, F230-42	4.3	44
8	Cytotoxicity of peroxisome proliferator-activated receptor alpha and gamma agonists in renal proximal tubular cell lines. <i>Toxicology in Vitro</i> , 2007 , 21, 1066-76	3.6	11
7	In vivo micronuclei in uncultured T-lymphocytes of male railroad transit workers and referents. <i>Environmental and Molecular Mutagenesis</i> , 2006 , 47, 345-51	3.2	3
6	Rat kidney MAP17 induces cotransport of Na-mannose and Na-glucose in <i>Xenopus laevis</i> oocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, F799-810	4.3	36
5	Nature of anaphase laggards and micronuclei in female cytokinesis-blocked lymphocytes. <i>Mutagenesis</i> , 2002 , 17, 111-7	2.8	21

4	The X chromosome frequently lags behind in female lymphocyte anaphase. <i>American Journal of Human Genetics</i> , 2000 , 66, 687-91	11	43
3	Age-dependent inclusion of sex chromosomes in lymphocyte micronuclei of man. <i>American Journal of Human Genetics</i> , 1998 , 63, 1464-72	11	62
2	GSTT1-dependent induction of centromere-negative and -positive micronuclei by 1,2:3,4-diepoxybutane in cultured human lymphocytes. <i>Mutagenesis</i> , 1997 , 12, 397-403	2.8	50
1	Induction of micronuclei by five pyrethroid insecticides in whole-blood and isolated human lymphocyte cultures. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995 , 341, 169-84		323