

Matthew Boyles

List of Publications by Year in Descending Order

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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.

16
papers

375
citations

9
h-index

17
g-index

17
ext. papers

459
ext. citations

6
avg, IF

2.91
L-index

#	Paper	IF	Citations
16	Development of a standard operating procedure for the DCFH-DA acellular assessment of reactive oxygen species produced by nanomaterials.. <i>Toxicology Mechanisms and Methods</i> , 2022 , 1-14	3.6	2
15	Bayesian based similarity assessment of nanomaterials to inform grouping.. <i>NanoImpact</i> , 2022 , 25, 100389	3.6	1
14	Determining nanoform similarity via assessment of surface reactivity by abiotic and in vitro assays.. <i>NanoImpact</i> , 2022 , 26, 100390	5.6	3
13	Simulated biological fluids - a systematic review of their biological relevance and use in relation to inhalation toxicology of particles and fibres. <i>Critical Reviews in Toxicology</i> , 2021 , 51, 217-248	5.7	9
12	A Method to Assess the Relevance of Nanomaterial Dissolution During Reactivity Testing. <i>Materials</i> , 2020 , 13,	3.5	13
11	Assessing the bioactivity of crystalline silica in heated high-temperature insulation wools. <i>Inhalation Toxicology</i> , 2018 , 30, 255-272	2.7	4
10	A Novel Exposure System Termed NAVETTA for In Vitro Lamina Flow Electrodeposition of Nanoaerosol and Evaluation of Immune Effects in Human Lung Reporter Cells. <i>Environmental Science & Technology</i> , 2017 , 51, 5259-5269	10.3	18
9	Pan-European inter-laboratory studies on a panel of in vitro cytotoxicity and pro-inflammation assays for nanoparticles. <i>Archives of Toxicology</i> , 2017 , 91, 2315-2330	5.8	25
8	Releases from transparent blue automobile coatings containing nanoscale copper phthalocyanine and their effects on J774 A1 macrophages. <i>NanoImpact</i> , 2017 , 7, 75-83	5.6	14
7	Nanoparticle-allergen interactions mediate human allergic responses: protein corona characterization and cellular responses. <i>Particle and Fibre Toxicology</i> , 2016 , 13, 3	8.4	43
6	The oxidative potential of differently charged silver and gold nanoparticles on three human lung epithelial cell types. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 1	9.4	148
5	Enhanced Deposition by Electrostatic Field-Assistance Aggravating Diesel Exhaust Aerosol Toxicity for Human Lung Cells. <i>Environmental Science & Technology</i> , 2015 , 49, 8721-30	10.3	3
4	Workflows for automated downstream data analysis and visualization in large-scale computational mass spectrometry. <i>Proteomics</i> , 2015 , 15, 1443-7	4.8	26
3	The Significance and Insignificance of Carbon Nanotube-Induced Inflammation. <i>Fibers</i> , 2014 , 2, 45-74	3.7	11
2	Is the toxic potential of nanosilver dependent on its size?. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 65	8.4	55
1	Carbon nanotube-cellular interactions: macrophages, epithelial and mesothelial cells174-209		