

Carsten Kähler

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

778
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1396
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and characterization of silver nanoparticles in chicken meat by asymmetric flow field flow fractionation with detection by conventional or single particle ICP-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8185-8195.	3.7	178
2	MWCNTs of different physicochemical properties cause similar inflammatory responses, but differences in transcriptional and histological markers of fibrosis in mouse lungs. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 16-32.	2.8	159
3	Fibroblasts Cultured on Nanowires Exhibit Low Motility, Impaired Cell Division, and DNA Damage. <i>Small</i> , 2013, 9, 4006-4016.	10.0	94
4	Transcriptomic Analysis Reveals Novel Mechanistic Insight into Murine Biological Responses to Multi-Walled Carbon Nanotubes in Lungs and Cultured Lung Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e80452.	2.5	80
5	Mapping the Complex Morphology of Cell Interactions with Nanowire Substrates Using FIB-SEM. <i>PLoS ONE</i> , 2013, 8, e53307.	2.5	61
6	In-house validation of a method for determination of silver nanoparticles in chicken meat based on asymmetric flow field-flow fractionation and inductively coupled plasma mass spectrometric detection. <i>Food Chemistry</i> , 2015, 181, 78-84.	8.2	59
7	Influence of copper oxide nanoparticle shape on bioaccumulation, cellular internalization and effects in the estuarine sediment-dwelling polychaete, <i>Nereis diversicolor</i> . <i>Marine Environmental Research</i> , 2015, 111, 89-98.	2.5	46
8	Cell motility, morphology, viability and proliferation in response to nanotopography on silicon black. <i>Nanoscale</i> , 2012, 4, 3739.	5.6	39
9	Time-Dependent Subcellular Distribution and Effects of Carbon Nanotubes in Lungs of Mice. <i>PLoS ONE</i> , 2015, 10, e0116481.	2.5	27
10	FIB-SEM imaging of carbon nanotubes in mouse lung tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3863-3873.	3.7	24
11	Not all that glitters is gold – Electron microscopy study on uptake of gold nanoparticles in <i>Daphnia magna</i> and related artifacts. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1503-1509.	4.3	11