Inge Nelissen

List of Publications by Year
in descending order

24 papers	788 citations	567281 15 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	1688 citing authors

#	Article	IF	Citations
1	Pathways Related to NLRP3 Inflammasome Activation Induced by Gold Nanorods. International Journal of Molecular Sciences, 2022, 23, 5763.	4.1	1
2	The polymeric glyco-linker controls the signal outputs for plasmonic gold nanorod biosensors due to biocorona formation. Nanoscale, 2021, 13, 10837-10848.	5.6	14
3	Comparison of extracellular vesicle isolation and storage methods using high-sensitivity flow cytometry. PLoS ONE, 2021, 16, e0245835.	2.5	26
4	Synthetic Image Rendering Solves Annotation Problem in Deep Learning Nanoparticle Segmentation. Small Methods, 2021, 5, e2100223.	8.6	25
5	Release and cytotoxicity screening of the printer emissions of a CdTe quantum dots-based fluorescent ink. Toxicology Letters, 2021, 347, 1-11.	0.8	6
6	Characterization of Gold Nanorods Conjugated with Synthetic Glycopolymers Using an Analytical Approach Based on spICP-SFMS and EAF4-MALS. Nanomaterials, 2021, 11, 2720.	4.1	2
7	Time-resolved characterization of the mechanisms of toxicity induced by silica and amino-modified polystyrene on alveolar-like macrophages. Archives of Toxicology, 2020, 94, 173-186.	4.2	14
8	Improving Quality in Nanoparticle-Induced Cytotoxicity Testing by a Tiered Inter-Laboratory Comparison Study. Nanomaterials, 2020, 10, 1430.	4.1	11
9	Angiogenic Effects of Human Dental Pulp and Bone Marrow-Derived Mesenchymal Stromal Cells and their Extracellular Vesicles. Cells, 2020, 9, 312.	4.1	54
10	Joint Forces of HR-Spicp-MS and EAF4-MALS for Characterization of Gold Nanorods Conjugated with Synthetic Glycopolymers. Materials Proceedings, 2020, 4, .	0.2	0
11	Gold nanoparticles affect the antioxidant status in selected normal human cells . International Journal of Nanomedicine, 2019, Volume 14, 4991-5015.	6.7	35
12	Corona Composition Can Affect the Mechanisms Cells Use to Internalize Nanoparticles. ACS Nano, 2019, 13, 11107-11121.	14.6	205
13	Role of nanoparticle size and sialic acids in the distinct time-evolution profiles of nanoparticle uptake in hematopoietic progenitor cells and monocytes. Journal of Nanobiotechnology, 2019, 17, 62.	9.1	4
14	Quantitative measurement of nanoparticle uptake by flow cytometry illustrated by an interlaboratory comparison of the uptake of labelled polystyrene nanoparticles. NanoImpact, 2018, 9, 42-50.	4.5	47
15	A guide to nanosafety testing: Considerations on cytotoxicity testing in different cell models. NanoImpact, 2018, 10, 1-10.	4.5	25
16	Characterization of Nanoparticle Batch-To-Batch Variability. Nanomaterials, 2018, 8, 311.	4.1	62
17	A Novel Exposure System Termed NAVETTA for In Vitro Laminar Flow Electrodeposition of Nanoaerosol and Evaluation of Immune Effects in Human Lung Reporter Cells. Environmental Science & Technology, 2017, 51, 5259-5269.	10.0	23
18	Pan-European inter-laboratory studies on a panel of in vitro cytotoxicity and pro-inflammation assays for nanoparticles. Archives of Toxicology, 2017, 91, 2315-2330.	4.2	35

#	ARTICLE	IF	CITATIONS
19	Transient loading of CD34⁺ hematopoietic progenitor cells with polystyrene nanoparticles. International Journal of Nanomedicine, 2017, Volume 12, 459-472.	6.7	5
20	Interaction of gold nanoparticles and nickel(II) sulfate affects dendritic cell maturation. Nanotoxicology, 2016, 10, 1395-1403.	3.0	16
21	Intracellular dynamics and fate of polystyrene nanoparticles in A549 Lung epithelial cells monitored by image (cross-) correlation spectroscopy and single particle tracking. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2411-2419.	4.1	44
22	Gene expression profiles reveal distinct immunological responses of cobalt and cerium dioxide nanoparticles in two in vitro lung epithelial cell models. Toxicology Letters, 2014, 228, 157-169.	0.8	22
23	The suitability of different cellular<i>in vitro</i>immunotoxicity and genotoxicity methods for the analysis of nanoparticle-induced events. Nanotoxicology, 2010, 4, 52-72.	3.0	94
24	MUTZ-3-derived dendritic cells as an in vitro alternative model to CD34+ progenitor-derived dendritic cells for testing of chemical sensitizers. Toxicology in Vitro, 2009, 23, 1477-1481.	2.4	18