

# Inge Nelissen

## List of Publications by Year in descending order

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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	Corona Composition Can Affect the Mechanisms Cells Use to Internalize Nanoparticles. ACS Nano, 2019, 13, 11107-11121.	14.6	205
2	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
3	Characterization of Nanoparticle Batch-To-Batch Variability. Nanomaterials, 2018, 8, 311.	4.1	62
4	Angiogenic Effects of Human Dental Pulp and Bone Marrow-Derived Mesenchymal Stromal Cells and their Extracellular Vesicles. Cells, 2020, 9, 312.	4.1	54
5	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
6	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
7	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
8	<p></p>Gold nanoparticles affect the antioxidant status in selected normal human cells</p>. International Journal of Nanomedicine, 2019, Volume 14, 4991-5015.	6.7	35
9	Comparison of extracellular vesicle isolation and storage methods using high-sensitivity flow cytometry. PLoS ONE, 2021, 16, e0245835.	2.5	26
10	A guide to nanosafety testing: Considerations on cytotoxicity testing in different cell models. NanoImpact, 2018, 10, 1-10.	4.5	25
11	Synthetic Image Rendering Solves Annotation Problem in Deep Learning Nanoparticle Segmentation. Small Methods, 2021, 5, e2100223.	8.6	25
12	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
13	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
14	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
15	Interaction of gold nanoparticles and nickel(II) sulfate affects dendritic cell maturation. Nanotoxicology, 2016, 10, 1395-1403.	3.0	16
16	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
17	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
18	Improving Quality in Nanoparticle-Induced Cytotoxicity Testing by a Tiered Inter-Laboratory Comparison Study. Nanomaterials, 2020, 10, 1430.	4.1	11

#	ARTICLE	IF	CITATIONS
19	Release and cytotoxicity screening of the printer emissions of a CdTe quantum dots-based fluorescent ink. <i>Toxicology Letters</i> , 2021, 347, 1-11.	0.8	6
20	Transient loading of CD34 <sup>+</sup> hematopoietic progenitor cells with polystyrene nanoparticles. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 459-472.	6.7	5
21	Role of nanoparticle size and sialic acids in the distinct time-evolution profiles of nanoparticle uptake in hematopoietic progenitor cells and monocytes. <i>Journal of Nanobiotechnology</i> , 2019, 17, 62.	9.1	4
22	Characterization of Gold Nanorods Conjugated with Synthetic Glycopolymers Using an Analytical Approach Based on spICP-SFMS and EAF4-MALS. <i>Nanomaterials</i> , 2021, 11, 2720.	4.1	2
23	Pathways Related to NLRP3 Inflammasome Activation Induced by Gold Nanorods. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5763.	4.1	1
24	Joint Forces of HR-Spicp-MS and EAF4-MALS for Characterization of Gold Nanorods Conjugated with Synthetic Glycopolymers. <i>Materials Proceedings</i> , 2020, 4, .	0.2	0