

Susan Dekkers

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,335
citations

516215

16
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

3587
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-silver " a review of available data and knowledge gaps in human and environmental risk assessment. <i>Nanotoxicology</i> , 2009, 3, 109-138.	1.6	1,100
2	Presence and risks of nanosilica in food products. <i>Nanotoxicology</i> , 2011, 5, 393-405.	1.6	459
3	Risk assessment frameworks for nanomaterials: Scope, link to regulations, applicability, and outline for future directions in view of needed increase in efficiency. <i>NanoImpact</i> , 2018, 9, 1-13.	2.4	116
4	Towards a nanospecific approach for risk assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 46-59.	1.3	109
5	A framework for grouping and read-across of nanomaterials- supporting innovation and risk assessment. <i>Nano Today</i> , 2020, 35, 100941.	6.2	80
6	Novel insights into the risk assessment of the nanomaterial synthetic amorphous silica, additive E551, in food. <i>Nanotoxicology</i> , 2015, 9, 442-452.	1.6	77
7	Knowledge gaps in risk assessment of nanosilica in food: evaluation of the dissolution and toxicity of different forms of silica. <i>Nanotoxicology</i> , 2013, 7, 367-377.	1.6	62
8	Toward Rigorous Materials Production: New Approach Methodologies Have Extensive Potential to Improve Current Safety Assessment Practices. <i>Small</i> , 2020, 16, e1904749.	5.2	43
9	Safe innovation approach: Towards an agile system for dealing with innovations. <i>Materials Today Communications</i> , 2019, 20, 100548.	0.9	40
10	Aggregation State of Metal-Based Nanomaterials at the Pulmonary Surfactant Film Determines Biophysical Inhibition. <i>Environmental Science & Technology</i> , 2018, 52, 8920-8929.	4.6	38
11	An integrated approach to testing and assessment of high aspect ratio nanomaterials and its application for grouping based on a common mesothelioma hazard. <i>NanoImpact</i> , 2021, 22, 100314.	2.4	31
12	Multi-omics approaches confirm metal ions mediate the main toxicological pathways of metal-bearing nanoparticles in lung epithelial A549 cells. <i>Environmental Science: Nano</i> , 2018, 5, 1506-1517.	2.2	27
13	An Integrated Approach to Testing and Assessment to Support Grouping and Read-Across of Nanomaterials After Inhalation Exposure. <i>Applied in Vitro Toxicology</i> , 2021, 7, 112-128.	0.6	23
14	Differences in the toxicity of cerium dioxide nanomaterials after inhalation can be explained by lung deposition, animal species and nanoforms. <i>Inhalation Toxicology</i> , 2018, 30, 273-286.	0.8	22
15	Safe-by-Design part I: Proposal for nanospecific human health safety aspects needed along the innovation process. <i>NanoImpact</i> , 2020, 18, 100227.	2.4	20
16	Grouping Hypotheses and an Integrated Approach to Testing and Assessment of Nanomaterials Following Oral Ingestion. <i>Nanomaterials</i> , 2021, 11, 2623.	1.9	19
17	Safe-by-Design part II: A strategy for balancing safety and functionality in the different stages of the innovation process. <i>NanoImpact</i> , 2021, 24, 100354.	2.4	16
18	The effect of zirconium doping of cerium dioxide nanoparticles on pulmonary and cardiovascular toxicity and biodistribution in mice after inhalation. <i>Nanotoxicology</i> , 2017, 11, 1-15.	1.6	15

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19	Evaluation of neurological effects of cerium dioxide nanoparticles doped with different amounts of zirconium following inhalation exposure in mouse models of Alzheimer's and vascular disease. <i>Neurochemistry International</i> , 2020, 138, 104755.	1.9	15
20	Challenges of implementing nano-specific safety and safe-by-design principles in academia. <i>NanoImpact</i> , 2020, 19, 100243.	2.4	6
21	Towards health-based nano reference values (HNRVs) for occupational exposure: Recommendations from an expert panel. <i>NanoImpact</i> , 2022, 26, 100396.	2.4	6
22	Role of chemical composition and redox modification of poorly soluble nanomaterials on their ability to enhance allergic airway sensitisation in mice. <i>Particle and Fibre Toxicology</i> , 2019, 16, 39.	2.8	5
23	Integrated approaches to testing and assessment for grouping nanomaterials following dermal exposure. <i>Nanotoxicology</i> , 2022, 16, 310-332.	1.6	5
24	An Update on NLRP3 Inflammasome Activation by Engineered Nanomaterials. <i>Current Bionanotechnology</i> , 2016, 2, 40-46.	0.6	1