

# Karin Aschberger

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

2,507  
citations

430874

18  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3979  
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of the biological mechanisms underlying the <i>in vivo</i> and <i>in vitro</i> toxicity of carbon nanotubes: The contribution of physico-chemical characteristics. <i>Nanotoxicology</i> , 2010, 4, 207-246.	3.0	338
2	Nanomaterials for products and application in agriculture, feed and food. <i>Trends in Food Science and Technology</i> , 2016, 54, 155-164.	15.1	294
3	Regulatory aspects of nanotechnology in the agri/feed/food sector in EU and non-EU countries. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 463-476.	2.7	291
4	Review of carbon nanotubes toxicity and exposure – Appraisal of human health risk assessment based on open literature. <i>Critical Reviews in Toxicology</i> , 2010, 40, 759-790.	3.9	220
5	Analysis of currently available data for characterising the risk of engineered nanomaterials to the environment and human health – Lessons learned from four case studies. <i>Environment International</i> , 2011, 37, 1143-1156.	10.0	219
6	The Biological Mechanisms and Physicochemical Characteristics Responsible for Driving Fullerene Toxicity. <i>Toxicological Sciences</i> , 2010, 114, 162-182.	3.1	177
7	Review of fullerene toxicity and exposure – Appraisal of a human health risk assessment, based on open literature. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 455-473.	2.7	152
8	Nano-silver – feasibility and challenges for human health risk assessment based on open literature. <i>Nanotoxicology</i> , 2010, 4, 284-295.	3.0	132
9	ITS-NANO - Prioritising nanosafety research to develop a stakeholder driven intelligent testing strategy. <i>Particle and Fibre Toxicology</i> , 2014, 11, 9.	6.2	124
10	Concern-driven integrated approaches to nanomaterial testing and assessment – report of the NanoSafety Cluster Working Group 10. <i>Nanotoxicology</i> , 2014, 8, 334-348.	3.0	118
11	Nano-TiO <sub>2</sub> – feasibility and challenges for human health risk assessment based on open literature. <i>Nanotoxicology</i> , 2011, 5, 110-124.	3.0	75
12	The 3Rs as a framework to support a 21st century approach for nanosafety assessment. <i>Nano Today</i> , 2017, 12, 10-13.	11.9	65
13	Carbon nanotubes: potential medical applications and safety concerns. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 371-386.	6.1	61
14	Chemical alternatives assessment of different flame retardants – A case study including multi-walled carbon nanotubes as synergist. <i>Environment International</i> , 2017, 101, 27-45.	10.0	41
15	Improving substance information in USEtox <sup>®</sup> , part 1: Discussion on data and approaches for estimating freshwater ecotoxicity effect factors. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3450-3462.	4.3	40
16	Aligning nanotoxicology with the 3Rs: What is needed to realise the short, medium and long-term opportunities?. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 257-266.	2.7	36
17	Improving substance information in USEtox <sup>®</sup> , part 2: Data for estimating fate and ecosystem exposure factors. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 3463-3470.	4.3	36
18	Grouping of multi-walled carbon nanotubes to read-across genotoxicity: A case study to evaluate the applicability of regulatory guidance. <i>Computational Toxicology</i> , 2019, 9, 22-35.	3.3	20

#	ARTICLE	IF	CITATIONS
19	A review of exposure and toxicological aspects of carbon nanotubes, and as additives to fire retardants in polymers. <i>Critical Reviews in Toxicology</i> , 2016, 46, 74-95.	3.9	11
20	Regulatory Status of Nanotechnologies in Food in the EU. , 2019, , 381-410.		7