

# Derk Brouwer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8019046/publications.pdf>

Version: 2024-02-01

19  
papers

800  
citations

933447

10  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential release scenarios for carbon nanotubes used in composites. <i>Environment International</i> , 2013, 59, 1-11.	10.0	211
2	Exposure to manufactured nanoparticles in different workplaces. <i>Toxicology</i> , 2010, 269, 120-127.	4.2	164
3	From workplace air measurement results toward estimates of exposure? Development of a strategy to assess exposure to manufactured nano-objects. <i>Journal of Nanoparticle Research</i> , 2009, 11, 1867-1881.	1.9	121
4	Harmonization of Measurement Strategies for Exposure to Manufactured Nano-Objects; Report of a Workshop. <i>Annals of Occupational Hygiene</i> , 2012, 56, 1-9.	1.9	80
5	Risk Assessment of Benzene, Toluene, Ethyl Benzene, and Xylene Concentrations from the Combustion of Coal in a Controlled Laboratory Environment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 95.	2.6	58
6	Occupational Exposure to Multi-Walled Carbon Nanotubes During Commercial Production Synthesis and Handling. <i>Annals of Occupational Hygiene</i> , 2016, 60, 305-317.	1.9	40
7	Environmental benefits of reduced electricity use exceed impacts from lead use for perovskite based tandem solar cell. <i>Renewable Energy</i> , 2017, 111, 906-913.	8.9	38
8	Advanced REACH Tool: Development and Application of the Substance Emission Potential Modifying Factor. <i>Annals of Occupational Hygiene</i> , 2011, 55, 980-8.	1.9	22
9	Gloves and Dermal Exposure to Chemicals: Proposals for Evaluating Workplace Effectiveness. <i>Annals of Occupational Hygiene</i> , 2004, 48, 607-15.	1.9	15
10	Video Exposure Monitoring as Part of a Strategy to Assess Exposure to Nanoparticles. <i>Annals of Occupational Hygiene</i> , 2011, 55, 937-45.	1.9	11
11	Evaluation of Decision Rules in a Tiered Assessment of Inhalation Exposure to Nanomaterials. <i>Annals of Occupational Hygiene</i> , 2016, 60, 949-959.	1.9	11
12	Size Distribution of Ultrafine Particles Generated from Residential Fixed-bed Coal Combustion in a Typical Brazier. <i>Aerosol and Air Quality Research</i> , 2018, 18, 2618-2632.	2.1	9
13	Quantitative Self-Assessment of Exposure to Solvents Among Shoe Repair Men. <i>Annals of Occupational Hygiene</i> , 2006, 51, 45-51.	1.9	6
14	A Structured Observational Method to Assess Dermal Exposure to Manufactured Nanoparticles: DREAM as an Initial Assessment Tool. <i>International Journal of Occupational and Environmental Health</i> , 2010, 16, 399-405.	1.2	5
15	Trends in Airborne Chrysotile Asbestos Fibre Concentrations in Asbestos Cement Manufacturing Factories in Zimbabwe from 1996 to 2016. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10755.	2.6	5
16	Compliance Testing and Homogenous Exposure Group Assessment in the South African Coal Mining Industry. <i>Annals of Work Exposures and Health</i> , 2021, 65, 955-965.	1.4	2
17	Job Exposure Matrix for Chrysotile Asbestos Fibre in the Asbestos Cement Manufacturing (ACM) Industry in Zimbabwe. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2680.	2.6	1
18	Bayesian Hierarchical Modelling of Historical Data of the South African Coal Mining Industry for Compliance Testing. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4442.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Application of Innovative Materials and Methods in Green Buildings and Associated Occupational Exposure and Health of Construction Workers: A Systematic Literature Review. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	0