

# Douglas E Evans

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,948  
citations

257450

24  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2852  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical characterization and genotoxicity of the broad class of carbon nanotubes and nanofibers used or produced in U.S. facilities. <i>Particle and Fibre Toxicology</i> , 2020, 17, 62.	6.2	38
2	Evaluation of total and inhalable samplers for the collection of carbon nanotube and carbon nanofiber aerosols. <i>Aerosol Science and Technology</i> , 2019, 53, 958-970.	3.1	1
3	Airborne contaminants during controlled residential fires. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 399-412.	1.0	61
4	Exposure assessments for a cross-sectional epidemiologic study of US carbon nanotube and nanofiber workers. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 429-440.	4.3	36
5	Carbon nanotube and nanofiber exposure and sputum and blood biomarkers of early effect among U.S. workers. <i>Environment International</i> , 2018, 116, 214-228.	10.0	56
6	Association of pulmonary, cardiovascular, and hematologic metrics with carbon nanotube and nanofiber exposure among U.S. workers: a cross-sectional study. <i>Particle and Fibre Toxicology</i> , 2018, 15, 22.	6.2	37
7	<i>In Vivo</i> Toxicity Assessment of Occupational Components of the Carbon Nanotube Life Cycle To Provide Context to Potential Health Effects. <i>ACS Nano</i> , 2017, 11, 8849-8863.	14.6	44
8	Ultrafine and respirable particle exposure during vehicle fire suppression. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1749-1759.	3.5	12
9	Volatile Organic Compounds Off-gassing from Firefighters'™ Personal Protective Equipment Ensembles after Use. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 404-414.	1.0	75
10	Carbon Nanotube and Nanofiber Exposure Assessments: An Analysis of 14 Site Visits. <i>Annals of Occupational Hygiene</i> , 2015, 59, 705-723.	1.9	85
11	Comment on Comparison of Powder Dustiness Methods. <i>Annals of Occupational Hygiene</i> , 2014, 58, 524-8.	1.9	3
12	Occupational Exposure Assessment in Carbon Nanotube and Nanofiber Primary and Secondary Manufacturers: Mobile Direct-Reading Sampling. <i>Annals of Occupational Hygiene</i> , 2013, 57, 328-44.	1.9	71
13	Dustiness of Fine and Nanoscale Powders. <i>Annals of Occupational Hygiene</i> , 2013, 57, 261-77.	1.9	48
14	Carbon nanotube dosimetry: from workplace exposure assessment to inhalation toxicology. <i>Particle and Fibre Toxicology</i> , 2013, 10, 53.	6.2	136
15	Investigation of Aerosol Surface Area Estimation from Number and Mass Concentration Measurements: Particle Density Effect. <i>Aerosol Science and Technology</i> , 2012, 46, 473-484.	3.1	9
16	Occupational Exposure Assessment in Carbon Nanotube and Nanofiber Primary and Secondary Manufacturers. <i>Annals of Occupational Hygiene</i> , 2012, 56, 542-56.	1.9	86
17	Assessing the risk to firefighters from chemical vapors and gases during vehicle fire suppression. <i>Journal of Environmental Monitoring</i> , 2011, 13, 536.	2.1	39
18	A Strategy for Assessing Workplace Exposures to Nanomaterials. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 673-685.	1.0	93

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19	Exposure and Emissions Monitoring during Carbon Nanofiber Production—Part I: Elemental Carbon and Iron—Soot Aerosols. <i>Annals of Occupational Hygiene</i> , 2011, 55, 1016-36.	1.9	74
20	Aerosol Monitoring during Carbon Nanofiber Production: Mobile Direct-Reading Sampling. <i>Annals of Occupational Hygiene</i> , 2010, 54, 514-31.	1.9	89
21	Relationships Among Particle Number, Surface Area, and Respirable Mass Concentrations in Automotive Engine Manufacturing. <i>Journal of Occupational and Environmental Hygiene</i> , 2008, 6, 19-31.	1.0	73
22	Ultrafine and Respirable Particles in an Automotive Grey Iron Foundry. <i>Annals of Occupational Hygiene</i> , 2007, 52, 9-21.	1.9	85
23	Identification and Characterization of Potential Sources of Worker Exposure to Carbon Nanofibers During Polymer Composite Laboratory Operations. <i>Journal of Occupational and Environmental Hygiene</i> , 2007, 4, D125-D130.	1.0	114
24	Characterization and Mapping of Very Fine Particles in an Engine Machining and Assembly Facility. <i>Journal of Occupational and Environmental Hygiene</i> , 2007, 4, 341-351.	1.0	52
25	The Mapping of Fine and Ultrafine Particle Concentrations in an Engine Machining and Assembly Facility. <i>Annals of Occupational Hygiene</i> , 2005, 50, 249-57.	1.9	90
26	Unusual inflammatory and fibrogenic pulmonary responses to single-walled carbon nanotubes in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L698-L708.	2.9	1,144
27	Aspiration efficiency of a thin-walled probe at right angles to the wind. <i>Journal of Aerosol Science</i> , 2005, 36, 1144-1156.	3.8	6
28	The Generation and Characterization of Metallic and Mixed Element Aerosols for Human Challenge Studies. <i>Aerosol Science and Technology</i> , 2003, 37, 975-987.	3.1	27
29	New experimental methods for the development and evaluation of aerosol samplers. <i>Journal of Environmental Monitoring</i> , 2002, 4, 633-641.	2.1	12
30	Sources and concentration of nanoparticles (<10nm diameter) in the urban atmosphere. <i>Atmospheric Environment</i> , 2001, 35, 1193-1202.	4.1	252