Douglas E Evans

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10696247/publications.pdf

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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	Unusual inflammatory and fibrogenic pulmonary responses to single-walled carbon nanotubes in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L698-L708.	2.9	1,144
2	Sources and concentration of nanoparticles (<10nm diameter) in the urban atmosphere. Atmospheric Environment, 2001, 35, 1193-1202.	4.1	252
3	Carbon nanotube dosimetry: from workplace exposure assessment to inhalation toxicology. Particle and Fibre Toxicology, 2013, 10, 53.	6.2	136
4	Identification and Characterization of Potential Sources of Worker Exposure to Carbon Nanofibers During Polymer Composite Laboratory Operations. Journal of Occupational and Environmental Hygiene, 2007, 4, D125-D130.	1.0	114
5	A Strategy for Assessing Workplace Exposures to Nanomaterials. Journal of Occupational and Environmental Hygiene, 2011, 8, 673-685.	1.0	93
6	The Mapping of Fine and Ultrafine Particle Concentrations in an Engine Machining and Assembly Facility. Annals of Occupational Hygiene, 2005, 50, 249-57.	1.9	90
7	Aerosol Monitoring during Carbon Nanofiber Production: Mobile Direct-Reading Sampling. Annals of Occupational Hygiene, 2010, 54, 514-31.	1.9	89
8	Occupational Exposure Assessment in Carbon Nanotube and Nanofiber Primary and Secondary Manufacturers. Annals of Occupational Hygiene, 2012, 56, 542-56.	1.9	86
9	Ultrafine and Respirable Particles in an Automotive Grey Iron Foundry. Annals of Occupational Hygiene, 2007, 52, 9-21.	1.9	85
10	Carbon Nanotube and Nanofiber Exposure Assessments: An Analysis of 14 Site Visits. Annals of Occupational Hygiene, 2015, 59, 705-723.	1.9	85
11	Volatile Organic Compounds Off-gassing from Firefightersâ€™ Personal Protective Equipment Ensembles after Use. Journal of Occupational and Environmental Hygiene, 2015, 12, 404-414.	1.0	75
12	Exposure and Emissions Monitoring during Carbon Nanofiber Productionâ€”Part I: Elemental Carbon and Ironâ€“Soot Aerosols. Annals of Occupational Hygiene, 2011, 55, 1016-36.	1.9	74
13	Relationships Among Particle Number, Surface Area, and Respirable Mass Concentrations in Automotive Engine Manufacturing. Journal of Occupational and Environmental Hygiene, 2008, 6, 19-31.	1.0	73
14	Occupational Exposure Assessment in Carbon Nanotube and Nanofiber Primary and Secondary Manufacturers: Mobile Direct-Reading Sampling. Annals of Occupational Hygiene, 2013, 57, 328-44.	1.9	71
15	Airborne contaminants during controlled residential fires. Journal of Occupational and Environmental Hygiene, 2018, 15, 399-412.	1.0	61
16	Carbon nanotube and nanofiber exposure and sputum and blood biomarkers of early effect among U.S. workers. Environment International, 2018, 116, 214-228.	10.0	56
17	Characterization and Mapping of Very Fine Particles in an Engine Machining and Assembly Facility. Journal of Occupational and Environmental Hygiene, 2007, 4, 341-351.	1.0	52
18	Dustiness of Fine and Nanoscale Powders. Annals of Occupational Hygiene, 2013, 57, 261-77.	1.9	48

#	Article	IF	Citations
19	In Vivo Toxicity Assessment of Occupational Components of the Carbon Nanotube Life Cycle To Provide Context to Potential Health Effects. ACS Nano, 2017, 11, 8849-8863.	14.6	44
20	Assessing the risk to firefighters from chemical vapors and gases during vehicle fire suppression. Journal of Environmental Monitoring, 2011, 13, 536.	2.1	39
21	Physicochemical characterization and genotoxicity of the broad class of carbon nanotubes and nanofibers used or produced in U.S. facilities. Particle and Fibre Toxicology, 2020, 17, 62.	6.2	38
22	Association of pulmonary, cardiovascular, and hematologic metrics with carbon nanotube and nanofiber exposure among U.S. workers: a cross-sectional study. Particle and Fibre Toxicology, 2018, 15, 22.	6.2	37
23	Exposure assessments for a cross-sectional epidemiologic study of US carbon nanotube and nanofiber workers. International Journal of Hygiene and Environmental Health, 2018, 221, 429-440.	4.3	36
24	The Generation and Characterization of Metallic and Mixed Element Aerosols for Human Challenge Studies. Aerosol Science and Technology, 2003, 37, 975-987.	3.1	27
25	New experimental methods for the development and evaluation of aerosol samplers. Journal of Environmental Monitoring, 2002, 4, 633-641.	2.1	12
26	Ultrafine and respirable particle exposure during vehicle fire suppression. Environmental Sciences: Processes and Impacts, 2015, 17, 1749-1759.	3.5	12
27	Investigation of Aerosol Surface Area Estimation from Number and Mass Concentration Measurements: Particle Density Effect. Aerosol Science and Technology, 2012, 46, 473-484.	3.1	9
28	Aspiration efficiency of a thin-walled probe at right angles to the wind. Journal of Aerosol Science, 2005, 36, 1144-1156.	3.8	6
29	Comment on Comparison of Powder Dustiness Methods. Annals of Occupational Hygiene, 2014, 58, 524-8.	1.9	3
30	Evaluation of total and inhalable samplers for the collection of carbon nanotube and carbon nanofiber aerosols. Aerosol Science and Technology, 2019, 53, 958-970.	3.1	1