

# Hugh W Davies

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

3,575  
citations

126907

33  
h-index

144013

57  
g-index

92  
all docs

92  
docs citations

92  
times ranked

4115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diesel Engine Exhaust Exposure in the Ontario Civil Infrastructure Construction Industry. <i>Annals of Work Exposures and Health</i> , 2022, 66, 150-162.	1.4	0
2	Exposure to Whole-Body Vibration in Commercial Heavy-Truck Driving in On- and Off-Road Conditions: Effect of Seat Choice. <i>Annals of Work Exposures and Health</i> , 2022, 66, 69-78.	1.4	2
3	Neighborhood environmental exposures and incidence of attention deficit/hyperactivity disorder: A population-based cohort study. <i>Environment International</i> , 2022, 161, 107120.	10.0	19
4	The influence of early-life residential exposure to different vegetation types and paved surfaces on early childhood development: A population-based birth cohort study. <i>Environment International</i> , 2022, 163, 107196.	10.0	9
5	The association between heart rate variability, reaction time, and indicators of workplace fatigue in wildland firefighters. <i>International Archives of Occupational and Environmental Health</i> , 2021, 94, 823-831.	2.3	14
6	Spatial and Temporal Variability in Antineoplastic Drug Surface Contamination in Cancer Care Centers in Alberta and Minnesota. <i>Annals of Work Exposures and Health</i> , 2021, 65, 760-774.	1.4	11
7	Integrating random forests and propagation models for high-resolution noise mapping. <i>Environmental Research</i> , 2021, 195, 110905.	7.5	6
8	Economic evaluation of interventions to reduce solar ultraviolet radiation (UVR) exposure among construction workers. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, 250-264.	1.0	1
9	Break-even Analysis of Respirable Crystalline Silica (RCS) Exposure Interventions in the Construction Sector. <i>Journal of Occupational and Environmental Medicine</i> , 2021, Publish Ahead of Print, e792-e800.	1.7	0
10	Assessing the association between lifetime exposure to greenspace and early childhood development and the mediation effects of air pollution and noise in Canada: a population-based birth cohort study. <i>Lancet Planetary Health</i> , The, 2021, 5, e709-e717.	11.4	21
11	Comparison of land use regression and random forests models on estimating noise levels in five Canadian cities. <i>Environmental Pollution</i> , 2020, 256, 113367.	7.5	23
12	Development of a Web-Based Tool for Risk Assessment and Exposure Control Planning of Silica-Producing Tasks in the Construction Sector. <i>Frontiers in Public Health</i> , 2020, 8, 371.	2.7	6
13	Noise exposure among teachers in technology educational shops in selected British Columbia, Canada, high schools. <i>Journal of Occupational and Environmental Hygiene</i> , 2020, 17, 457-463.	1.0	4
14	Fatigue and sleep patterns among Canadian wildland firefighters during a 17-day fire line deployment. <i>Journal of Occupational and Environmental Hygiene</i> , 2020, 17, 364-371.	1.0	15
15	Road proximity, air pollution, noise, green space and neurologic disease incidence: a population-based cohort study. <i>Environmental Health</i> , 2020, 19, 8.	4.0	106
16	A scoping review to identify strategies that work to prevent four important occupational diseases. <i>American Journal of Industrial Medicine</i> , 2020, 63, 490-516.	2.1	6
17	Burden of non-melanoma skin cancer attributable to occupational sun exposure in Canada. <i>International Archives of Occupational and Environmental Health</i> , 2019, 92, 1151-1157.	2.3	23
18	The impact of night shift work on breast cancer: Results from the Burden of Occupational Cancer in Canada Study. <i>American Journal of Industrial Medicine</i> , 2019, 62, 635-642.	2.1	5

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19	The current burden of cancer attributable to occupational exposures in Canada. Preventive Medicine, 2019, 122, 128-139.	3.4	38
20	Expostats: A Bayesian Toolkit to Aid the Interpretation of Occupational Exposure Measurements. Annals of Work Exposures and Health, 2019, 63, 267-279.	1.4	27
21	Development of Quantitative Estimates of Wood Dust Exposure in a Canadian General Population Job-Exposure Matrix Based on Past Expert Assessments. Annals of Work Exposures and Health, 2019, 63, 22-33.	1.4	3
22	Burden of lung cancer attributable to occupational diesel engine exhaust exposure in Canada. Occupational and Environmental Medicine, 2018, 75, 617-622.	2.8	15
23	The impact of different seats and whole-body vibration exposures on truck driver vigilance and discomfort. Ergonomics, 2018, 61, 528-537.	2.1	41
24	Priority Setting for Occupational Cancer Prevention. Safety and Health at Work, 2018, 9, 133-139.	0.6	6
25	Born to be Wise: a population registry data linkage protocol to assess the impact of modifiable early-life environmental exposures on the health and development of children. BMJ Open, 2018, 8, e026954.	1.9	6
26	The Canadian Urban Environmental Health Research Consortium "a protocol for building a national environmental exposure data platform for integrated analyses of urban form and health. BMC Public Health, 2018, 18, 114.	2.9	57
27	A combined emission and receptor-based approach to modelling environmental noise in urban environments. Environmental Pollution, 2018, 242, 1387-1394.	7.5	12
28	Personal light-at-night exposures and components of variability in two common shift work industries: uses and implications for future research. Scandinavian Journal of Work, Environment and Health, 2018, 44, 80-87.	3.4	4
29	Prevalence of Hazardous Occupational Noise Exposure, Hearing Loss, and Hearing Protection Usage Among a Representative Sample of Working Canadians. Journal of Occupational and Environmental Medicine, 2017, 59, 92-113.	1.7	70
30	0379â€¦Calculating the current burden of occupational cancers in canadian women. , 2017, , .		0
31	Comparing the Whole Body Vibration Exposures across Three Truck Seats. , 2017, , .		0
32	Association of Long-Term Exposure to Transportation Noise and Traffic-Related Air Pollution with the Incidence of Diabetes: A Prospective Cohort Study. Environmental Health Perspectives, 2017, 125, 087025.	6.0	126
33	Comparing the Whole Body Vibration Exposures across Three Truck Seats. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 933-936.	0.3	1
34	Challenges during long-term follow-up of ICU patients with and without chronic disease. Australian Critical Care, 2016, 29, 27-34.	1.3	6
35	CAREX Canada: an enhanced model for assessing occupational carcinogen exposure. Occupational and Environmental Medicine, 2015, 72, 64-71.	2.8	86
36	Prevention in dangerous industries: does safety certification prevent tree-faller injuries?. Scandinavian Journal of Work, Environment and Health, 2015, 41, 478-485.	3.4	3

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37	Exposed! Or not? The diminishing record of workplace exposure in Canada. <i>Canadian Journal of Public Health</i> , 2014, 105, e214-e217.	2.3	11
38	Residential Greenness and Birth Outcomes: Evaluating the Influence of Spatially Correlated Built-Environment Factors. <i>Environmental Health Perspectives</i> , 2014, 122, 1095-1102.	6.0	213
39	Proximity to Traffic, Ambient Air Pollution, and Community Noise in Relation to Incident Rheumatoid Arthritis. <i>Environmental Health Perspectives</i> , 2014, 122, 1075-1080.	6.0	89
40	Long-term exposure to traffic-related air pollution and progression of carotid artery atherosclerosis: a prospective cohort study. <i>BMJ Open</i> , 2014, 4, e004743.	1.9	45
41	Impact of Noise and Air Pollution on Pregnancy Outcomes. <i>Epidemiology</i> , 2014, 25, 351-358.	2.7	122
42	Incorporating more detailed exposure assessment with quantitative estimates is assessing the burden of occupational cancer. <i>Occupational and Environmental Medicine</i> , 2014, 71, A51.2-A51.	2.8	1
43	The Injury Prevention Effects of Regulatory Workplace Safety Inspections in British Columbia, Canada from 2001 to 2011. <i>Occupational and Environmental Medicine</i> , 2014, 71, A54.3-A54.	2.8	1
44	Fertilizer Use and Self-Reported Respiratory and Dermal Symptoms Among Tree Planters. <i>Journal of Occupational and Environmental Hygiene</i> , 2013, 10, 36-45.	1.0	4
45	Noise and health in vulnerable groups: A review. <i>Noise and Health</i> , 2013, 15, 153.	0.5	124
46	Reducing cardiovascular health impacts from traffic-related noise and air pollution: intervention strategies. <i>Environmental Health Review</i> , 2013, 56, 31-38.	0.5	7
47	Noise exposure and serious injury to active sawmill workers in British Columbia. <i>Occupational and Environmental Medicine</i> , 2012, 69, 211-216.	2.8	11
48	Noise and cardiovascular disease: A review of the literature 2008-2011. <i>Noise and Health</i> , 2012, 14, 287.	0.5	63
49	Association of Long-term Exposure to Community Noise and Traffic-related Air Pollution With Coronary Heart Disease Mortality. <i>American Journal of Epidemiology</i> , 2012, 175, 898-906.	3.4	228
50	A Randomized Trial of Catheters of Different Lengths to Achieve Right Atrium Versus Superior Vena Cava Placement for Continuous Renal Replacement Therapy. <i>American Journal of Kidney Diseases</i> , 2012, 60, 272-279.	1.9	64
51	Potential barriers to engineered noise control in food and beverage manufacturing in British Columbia, Canada: A qualitative study. <i>International Journal of Audiology</i> , 2012, 51, S43-S50.	1.7	2
52	Modeling population exposure to community noise and air pollution in a large metropolitan area. <i>Environmental Research</i> , 2012, 116, 11-16.	7.5	70
53	Job Strain and Shift Work Influences on Biomarkers and Subclinical Heart Disease Indicators: A Pilot Study. <i>Journal of Occupational and Environmental Hygiene</i> , 2012, 9, 467-477.	1.0	42
54	Occupational Injury in Rural Bangladesh: Data Gathering Using Household Survey. <i>International Journal of Occupational and Environmental Health</i> , 2011, 17, 214-222.	1.2	5

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55	Evaluation and Comparison of Three Exposure Assessment Techniques. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 310-323.	1.0	31
56	Exposure to Pesticides and Metal Contaminants of Fertilizer among Tree Planters. <i>Annals of Occupational Hygiene</i> , 2011, 55, 752-63.	1.9	9
57	Characterisation of acid mine drainage in a high rainfall mountain environment, New Zealand. <i>Science of the Total Environment</i> , 2011, 409, 2971-2980.	8.0	41
58	Proximity of public elementary schools to major roads in Canadian urban areas. <i>International Journal of Health Geographics</i> , 2011, 10, 68.	2.5	38
59	Exposure to occupational noise and cardiovascular disease in the United States: the National Health and Nutrition Examination Survey 1999-2004. <i>Occupational and Environmental Medicine</i> , 2011, 68, 183-190.	2.8	85
60	Long-Term Exposure to Traffic-Related Air Pollution and the Risk of Coronary Heart Disease Hospitalization and Mortality. <i>Environmental Health Perspectives</i> , 2011, 119, 501-507.	6.0	203
61	Improving Exposure Estimates by Combining Exposure Information. <i>Annals of Occupational Hygiene</i> , 2011, 55, 537-47.	1.9	10
62	Characterization of Noise and Carbon Monoxide Exposures among Professional Firefighters in British Columbia. <i>Annals of Occupational Hygiene</i> , 2011, 55, 764-74.	1.9	6
63	Asbestos-Related Disease in Bangladeshi Ship Breakers: A Pilot Study. <i>International Journal of Occupational and Environmental Health</i> , 2011, 17, 144-153.	1.2	6
64	Occupational Injury in Rural Bangladesh: Data Gathering Using Household Survey. <i>International Journal of Occupational and Environmental Health</i> , 2011, 17, 214-222.	1.2	5
65	Determinants of Use of Hearing Protection Devices in Canadian Lumber Mill Workers. <i>Annals of Occupational Hygiene</i> , 2010, 54, 319-28.	1.9	5
66	Changes in Residential Proximity to Road Traffic and the Risk of Death From Coronary Heart Disease. <i>Epidemiology</i> , 2010, 21, 642-649.	2.7	86
67	An Investigation of the Adjustment of Retrospective Noise Exposure for Use of Hearing Protection Devices. <i>Annals of Occupational Hygiene</i> , 2010, 54, 329-39.	1.9	6
68	Comparison of Perceived and Quantitative Measures of Occupational Noise Exposure. <i>Annals of Occupational Hygiene</i> , 2009, 53, 41-54.	1.9	37
69	A retrospective assessment of occupational noise exposures for a longitudinal epidemiological study. <i>Occupational and Environmental Medicine</i> , 2009, 66, 388-394.	2.8	18
70	Correlation between co-exposures to noise and air pollution from traffic sources. <i>Occupational and Environmental Medicine</i> , 2009, 66, 347-350.	2.8	138
71	The spatial relationship between traffic-generated air pollution and noise in 2 US cities. <i>Environmental Research</i> , 2009, 109, 334-342.	7.5	143
72	Impact of expert versus measurement-based occupational noise exposure estimates on exposure-response relationships. <i>International Archives of Occupational and Environmental Health</i> , 2008, 81, 837-844.	2.3	7

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73	The impact of hearing conservation programs on incidence of noise-induced hearing loss in Canadian workers. <i>American Journal of Industrial Medicine</i> , 2008, 51, 923-931.	2.1	45
74	Occupational Noise Exposure and Hearing Protector Use in Canadian Lumber Mills. <i>Journal of Occupational and Environmental Hygiene</i> , 2008, 6, 32-41.	1.0	23
75	Hypertension in noise-exposed sawmill workers: a cohort study. <i>Occupational and Environmental Medicine</i> , 2008, 65, 643-646.	2.8	56
76	Impact of the Specificity of the Exposure Metric on Exposure-Response Relationships. <i>Epidemiology</i> , 2007, 18, 88-94.	2.7	22
77	Cancer and Occupational Exposure to Pentachlorophenol and Tetrachlorophenol (Canada). <i>Cancer Causes and Control</i> , 2006, 17, 749-758.	1.8	63
78	Mixed Models and Empirical Bayes Estimation for Retrospective Exposure Assessment of Dust Exposures in Canadian Sawmills. <i>Annals of Occupational Hygiene</i> , 2006, 50, 281-8.	1.9	13
79	Noise exposure and children's blood pressure and heart rate: the RANCH project. <i>Occupational and Environmental Medicine</i> , 2006, 63, 632-639.	2.8	60
80	Exposure-Effect Relations between Aircraft and Road Traffic Noise Exposure at School and Reading Comprehension. <i>American Journal of Epidemiology</i> , 2006, 163, 27-37.	3.4	152
81	Occupational Exposure to Noise and Mortality From Acute Myocardial Infarction. <i>Epidemiology</i> , 2005, 16, 25-32.	2.7	127
82	Predicting Historical Dust and Wood Dust Exposure in Sawmills: Model Development and Validation. <i>Journal of Occupational and Environmental Hygiene</i> , 2005, 2, 650-658.	1.0	25
83	Reducing attenuation in exposure-response relationships by exposure modeling and grouping: The relationship between wood dust exposure and lung function. <i>American Journal of Industrial Medicine</i> , 2004, 46, 663-667.	2.1	14
84	Exposure Levels and Determinants of Softwood Dust Exposures in BC Lumber Mills, 1981-1997. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2002, 63, 709-714.	0.4	14
85	Exposure to Dust, Resin Acids, and Monoterpenes in Softwood Lumber Mills. <i>AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2000, 61, 521-528.	0.4	38
86	Forgone income and motherhood: What do recent British data tell u?. <i>Population Studies</i> , 2000, 54, 293-305.	2.1	51
87	Exposure to Dust, Resin Acids, and Monoterpenes in Softwood Lumber Mills. <i>AIHA Journal</i> , 2000, 61, 521-528.	0.4	42
88	A field comparison of inhalable and thoracic size selective sampling techniques. <i>Annals of Occupational Hygiene</i> , 1999, , .	1.9	25
89	Cytogenetic analysis of South Asian berry pickers in British Columbia using the micronucleus assay in peripheral lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 416, 101-113.	1.7	32
90	Opportunities for a Broader Understanding of Work and Health: Multiple Uses of an Occupational Cohort Database. <i>Canadian Journal of Public Health</i> , 1998, 89, 132-136.	2.3	14

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91	Mothers' Human Capital and Childcare in Britain. National Institute Economic Review, 1993, 146, 50-63.	0.6	10