

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	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
2	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
3	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
4	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
5	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
6	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
7	Occupational Exposure to Noise and Mortality From Acute Myocardial Infarction. <i>Epidemiology</i> , 2005, 16, 25-32.	2.7	127
8	Association of Long-Term Exposure to Transportation Noise and Traffic-Related Air Pollution with the Incidence of Diabetes: A Prospective Cohort Study. <i>Environmental Health Perspectives</i> , 2017, 125, 087025.	6.0	126
9	Noise and health in vulnerable groups: A review. <i>Noise and Health</i> , 2013, 15, 153.	0.5	124
10	Impact of Noise and Air Pollution on Pregnancy Outcomes. <i>Epidemiology</i> , 2014, 25, 351-358.	2.7	122
11	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
12	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
13	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
14	CAREX Canada: an enhanced model for assessing occupational carcinogen exposure. <i>Occupational and Environmental Medicine</i> , 2015, 72, 64-71.	2.8	86
15	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
16	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
17	Prevalence of Hazardous Occupational Noise Exposure, Hearing Loss, and Hearing Protection Usage Among a Representative Sample of Working Canadians. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 92-113.	1.7	70
18	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

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19	Cancer and Occupational Exposure to Pentachlorophenol and Tetrachlorophenol (Canada). <i>Cancer Causes and Control</i> , 2006, 17, 749-758.	1.8	63
20	Noise and cardiovascular disease: A review of the literature 2008-2011. <i>Noise and Health</i> , 2012, 14, 287.	0.5	63
21	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
22	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. <i>BMC Public Health</i> , 2018, 18, 114.	2.9	57
23	Hypertension in noise-exposed sawmill workers: a cohort study. <i>Occupational and Environmental Medicine</i> , 2008, 65, 643-646.	2.8	56
24	Forgone income and motherhood: What do recent British data tell u?. <i>Population Studies</i> , 2000, 54, 293-305.	2.1	51
25	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
26	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
27	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
28	Exposure to Dust, Resin Acids, and Monoterpenes in Softwood Lumber Mills. <i>AIHA Journal</i> , 2000, 61, 521-528.	0.4	42
29	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
30	The impact of different seats and whole-body vibration exposures on truck driver vigilance and discomfort. <i>Ergonomics</i> , 2018, 61, 528-537.	2.1	41
31	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
32	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
33	The current burden of cancer attributable to occupational exposures in Canada. <i>Preventive Medicine</i> , 2019, 122, 128-139.	3.4	38
34	Comparison of Perceived and Quantitative Measures of Occupational Noise Exposure. <i>Annals of Occupational Hygiene</i> , 2009, 53, 41-54.	1.9	37
35	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
36	Evaluation and Comparison of Three Exposure Assessment Techniques. <i>Journal of Occupational and Environmental Hygiene</i> , 2011, 8, 310-323.	1.0	31

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37	Expostats: A Bayesian Toolkit to Aid the Interpretation of Occupational Exposure Measurements. <i>Annals of Work Exposures and Health</i> , 2019, 63, 267-279.	1.4	27
38	A field comparison of inhalable and thoracic size selective sampling techniques. <i>Annals of Occupational Hygiene</i> , 1999, , .	1.9	25
39	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
40	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
41	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
42	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
43	Impact of the Specificity of the Exposure Metric on Exposure???Response Relationships. <i>Epidemiology</i> , 2007, 18, 88-94.	2.7	22
44	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
45	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
46	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
47	Burden of lung cancer attributable to occupational diesel engine exhaust exposure in Canada. <i>Occupational and Environmental Medicine</i> , 2018, 75, 617-622.	2.8	15
48	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
49	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
50	Exposure Levels and Determinants of Softwood Dust Exposures in BC Lumber Mills, 1981â€“1997. <i>AIHA Journal: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2002, 63, 709-714.	0.4	14
51	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
52	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
53	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
54	A combined emission and receptor-based approach to modelling environmental noise in urban environments. <i>Environmental Pollution</i> , 2018, 242, 1387-1394.	7.5	12

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55	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
56	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
57	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
58	Mothers' Human Capital and Childcare in Britain. <i>National Institute Economic Review</i> , 1993, 146, 50-63.	0.6	10
59	Improving Exposure Estimates by Combining Exposure Information. <i>Annals of Occupational Hygiene</i> , 2011, 55, 537-47.	1.9	10
60	Exposure to Pesticides and Metal Contaminants of Fertilizer among Tree Planters. <i>Annals of Occupational Hygiene</i> , 2011, 55, 752-63.	1.9	9
61	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
62	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
63	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
64	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
65	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
66	Challenges during long-term follow-up of ICU patients with and without chronic disease. <i>Australian Critical Care</i> , 2016, 29, 27-34.	1.3	6
67	Priority Setting for Occupational Cancer Prevention. <i>Safety and Health at Work</i> , 2018, 9, 133-139.	0.6	6
68	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. <i>BMJ Open</i> , 2018, 8, e026954.	1.9	6
69	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
70	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
71	Integrating random forests and propagation models for high-resolution noise mapping. <i>Environmental Research</i> , 2021, 195, 110905.	7.5	6
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	Personal light-at-night exposures and components of variability in two common shift work industries: uses and implications for future research. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018, 44, 80-87.	3.4	4
80	Development of Quantitative Estimates of Wood Dust Exposure in a Canadian General Population Job-Exposure Matrix Based on Past Expert Assessments. <i>Annals of Work Exposures and Health</i> , 2019, 63, 22-33.	1.4	3
81	Prevention in dangerous industries: does safety certification prevent tree-faller injuries?. <i>Scandinavian Journal of Work, Environment and Health</i> , 2015, 41, 478-485.	3.4	3
82	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
83	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
84	0402â€¦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
85	0424â€¦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
86	Comparing the Whole Body Vibration Exposures across Three Truck Seats. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 933-936.	0.3	1
87	Economic evaluation of interventions to reduce solar ultraviolet radiation (LIVR) exposure among construction workers. <i>Journal of Occupational and Environmental Hygiene</i> , 2021, 18, 250-264.	1.0	1
88	0379â€¦Calculating the current burden of occupational cancers in canadian women. , 2017, , .		0
89	Comparing the Whole Body Vibration Exposures across Three Truck Seats. , 2017, , .		0
90	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

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91	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