Richard T Burnett

List of Publications by Citations

28 papers	**11,464** citations
21 h-index	**28** g-index
28 ext. papers	**13,850** ext. citations
10.4 avg, IF	**5.65** L-index

#	Paper	IF	Citations
28	Lung cancer, cardiopulmonary mortality, and long-term exposure to fine particulate air pollution. *JAMA - Journal of the American Medical Association*, **2002**, 287, 1132-41	27.4	5233
27	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet, The*, **2018**, 392, 1923-1994	40	1964
26	An integrated risk function for estimating the global burden of disease attributable to ambient fine particulate matter exposure. *Environmental Health Perspectives*, **2014**, 122, 397-403	8.4	1100
25	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 9592-9597	11.5	810
24	Lung cancer and cardiovascular disease mortality associated with ambient air pollution and cigarette smoke: shape of the exposure-response relationships. *Environmental Health Perspectives*, **2011**, 119, 1616-21	8.4	475
23	Long-Term Ozone Exposure and Mortality in a Large Prospective Study. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 1134-42	10.2	366
22	Ambient PM2.5, O₃ and NO₂ Exposures and Associations with Mortality over 16 Years of Follow-Up in the Canadian Census Health and Environment Cohort (CanCHEC). *Environmental Health Perspectives*, **2015**, 123, 1180-6	8.4	303
21	Regional Estimates of Chemical Composition of Fine Particulate Matter Using a Combined Geoscience-Statistical Method with Information from Satellites, Models, and Monitors. *Environmental Science & Technology*, **2019**, 53, 2595-2611	10.3	224
20	Long-term Fine Particulate Matter Exposure and Nonaccidental and Cause-specific Mortality in a Large National Cohort of Chinese Men. *Environmental Health Perspectives*, **2017**, 125, 117002	8.4	168
19	Long-term exposure to ambient air pollution and risk of hospitalization with community-acquired pneumonia in older adults. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 47-53	10.2	163
18	Long-term exposure to fine particulate matter: association with nonaccidental and cardiovascular mortality in the agricultural health study cohort. *Environmental Health Perspectives*, **2014**, 122, 609-15	8.4	105
17	Mortality Risk and Fine Particulate Air Pollution in a Large, Representative Cohort of U.S. Adults. *Environmental Health Perspectives*, **2019**, 127, 77007	8.4	86
16	A class of non-linear exposure-response models suitable for health impact assessment applicable to large cohort studies of ambient air pollution. *Air Quality, Atmosphere and Health*, **2016**, 9, 961-972	5.6	79
15	Long-term Exposure to Fine Particulate Matter Air Pollution and Mortality Among Canadian Women. *Epidemiology*, **2015**, 26, 536-45	3.1	61
14	Maternal exposure to ambient air pollution and risk of early childhood cancers: A population-based study in Ontario, Canada. *Environment International*, **2017**, 100, 139-147	12.9	60
13	Exposure to Ambient Ultrafine Particles and Nitrogen Dioxide and Incident Hypertension and Diabetes. *Epidemiology*, **2018**, 29, 323-332	3.1	59
12	Examining the Shape of the Association between Low Levels of Fine Particulate Matter and Mortality across Three Cycles of the Canadian Census Health and Environment Cohort. *Environmental Health Perspectives*, **2019**, 127, 107008	8.4	42

List of Publications

11	An ecological analysis of long-term exposure to PM and incidence of COVID-19 in Canadian health regions. *Environmental Research*, **2020**, 191, 110052	7.9	37
10	Effect modification of perinatal exposure to air pollution and childhood asthma incidence. *European Respiratory Journal*, **2018**,	13.6	35
9	Source sector and fuel contributions to ambient PM and attributable mortality across multiple spatial scales. *Nature Communications*, **2021**, 12, 3594	17.4	31
8	Assessment of the effect of cold and hot temperatures on mortality in Ontario, Canada: a population-based study. *CMAJ Open*, **2016**, 4, E48-58	2.5	25
7	Fine particulate matter concentration and composition and the incidence of childhood asthma. *Environment International*, **2021**, 152, 106486	12.9	14
6	Relative Risk Functions for Estimating Excess Mortality Attributable to Outdoor PM2.5 Air Pollution: Evolution and State-of-the-Art. *Atmosphere*, **2020**, 11, 589	2.7	13
5	Within-City Variation in Reactive Oxygen Species from Fine Particle Air Pollution and COVID-19. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 204, 168-177	10.2	4
4	Ambient ultrafine particle concentrations and incidence of childhood cancers. *Environment International*, **2020**, 145, 106135	12.9	3
3	Designing health impact functions to assess marginal changes in outdoor fine particulate matter. *Environmental Research*, **2022**, 204, 112245	7.9	2
2	Global Economic Cost of Deaths Attributable to Ambient Air Pollution: Disproportionate Burden on the Ageing Population		1
1	Response to Goldberg and Villeneuve re: An ecological analysis of long-term exposure to PM and incidence of COVID-19 in Canadian health regions. *Environmental Research*, **2021**, 194, 110623	7.9	1