

# Richard T Burnett

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Designing health impact functions to assess marginal changes in outdoor fine particulate matter. <i>Environmental Research</i> , <b>2022</b> , 204, 112245	7.9	2
27	Response to Goldberg and Villeneuve re: An ecological analysis of long-term exposure to PM and incidence of COVID-19 in Canadian health regions. <i>Environmental Research</i> , <b>2021</b> , 194, 110623	7.9	1
26	Within-City Variation in Reactive Oxygen Species from Fine Particle Air Pollution and COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 204, 168-177	10.2	4
25	Source sector and fuel contributions to ambient PM and attributable mortality across multiple spatial scales. <i>Nature Communications</i> , <b>2021</b> , 12, 3594	17.4	31
24	Fine particulate matter concentration and composition and the incidence of childhood asthma. <i>Environment International</i> , <b>2021</b> , 152, 106486	12.9	14
23	Relative Risk Functions for Estimating Excess Mortality Attributable to Outdoor PM2.5 Air Pollution: Evolution and State-of-the-Art. <i>Atmosphere</i> , <b>2020</b> , 11, 589	2.7	13
22	Ambient ultrafine particle concentrations and incidence of childhood cancers. <i>Environment International</i> , <b>2020</b> , 145, 106135	12.9	3
21	An ecological analysis of long-term exposure to PM and incidence of COVID-19 in Canadian health regions. <i>Environmental Research</i> , <b>2020</b> , 191, 110052	7.9	37
20	Regional Estimates of Chemical Composition of Fine Particulate Matter Using a Combined Geoscience-Statistical Method with Information from Satellites, Models, and Monitors. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 2595-2611	10.3	224
19	Mortality Risk and Fine Particulate Air Pollution in a Large, Representative Cohort of U.S. Adults. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 77007	8.4	86
18	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. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 107008	8.4	42
17	Effect modification of perinatal exposure to air pollution and childhood asthma incidence. <i>European Respiratory Journal</i> , <b>2018</b> ,	13.6	35
16	Exposure to Ambient Ultrafine Particles and Nitrogen Dioxide and Incident Hypertension and Diabetes. <i>Epidemiology</i> , <b>2018</b> , 29, 323-332	3.1	59
15	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. <i>Lancet, The</i> , <b>2018</b> , 392, 1923-1994	40	1964
14	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9592-9597	11.5	810
13	Maternal exposure to ambient air pollution and risk of early childhood cancers: A population-based study in Ontario, Canada. <i>Environment International</i> , <b>2017</b> , 100, 139-147	12.9	60
12	Long-term Fine Particulate Matter Exposure and Nonaccidental and Cause-specific Mortality in a Large National Cohort of Chinese Men. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 117002	8.4	168

11	Long-Term Ozone Exposure and Mortality in a Large Prospective Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 193, 1134-42	10.2	366
10	Assessment of the effect of cold and hot temperatures on mortality in Ontario, Canada: a population-based study. <i>CMAJ Open</i> , <b>2016</b> , 4, E48-58	2.5	25
9	A class of non-linear exposure-response models suitable for health impact assessment applicable to large cohort studies of ambient air pollution. <i>Air Quality, Atmosphere and Health</i> , <b>2016</b> , 9, 961-972	5.6	79
8	Long-term Exposure to Fine Particulate Matter Air Pollution and Mortality Among Canadian Women. <i>Epidemiology</i> , <b>2015</b> , 26, 536-45	3.1	61
7	Ambient PM <sub>2.5</sub> , O <sub>3</sub> and NO <sub>2</sub> Exposures and Associations with Mortality over 16 Years of Follow-Up in the Canadian Census Health and Environment Cohort (CanCHEC). <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 1180-6	8.4	303
6	An integrated risk function for estimating the global burden of disease attributable to ambient fine particulate matter exposure. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 397-403	8.4	1100
5	Long-term exposure to fine particulate matter: association with nonaccidental and cardiovascular mortality in the agricultural health study cohort. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 609-15	8.4	105
4	Lung cancer and cardiovascular disease mortality associated with ambient air pollution and cigarette smoke: shape of the exposure-response relationships. <i>Environmental Health Perspectives</i> , <b>2011</b> , 119, 1616-21	8.4	475
3	Long-term exposure to ambient air pollution and risk of hospitalization with community-acquired pneumonia in older adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 181, 47-53	10.2	163
2	Lung cancer, cardiopulmonary mortality, and long-term exposure to fine particulate air pollution. <i>JAMA - Journal of the American Medical Association</i> , <b>2002</b> , 287, 1132-41	27.4	5233
1	Global Economic Cost of Deaths Attributable to Ambient Air Pollution: Disproportionate Burden on the Ageing Population		1