

Richard T Burnett

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

16,266
citations

279798

23
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

19802
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing health impact functions to assess marginal changes in outdoor fine particulate matter. <i>Environmental Research</i> , 2022, 204, 112245.	7.5	15
2	Response to Goldberg and Villeneuve re: An ecological analysis of long-term exposure to PM2.5 and incidence of COVID-19 in Canadian health regions. <i>Environmental Research</i> , 2021, 194, 110623.	7.5	1
3	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> , 2021, 204, 168-177.	5.6	17
4	Source sector and fuel contributions to ambient PM2.5 and attributable mortality across multiple spatial scales. <i>Nature Communications</i> , 2021, 12, 3594.	12.8	199
5	Fine particulate matter concentration and composition and the incidence of childhood asthma. <i>Environment International</i> , 2021, 152, 106486.	10.0	30
6	An ecological analysis of long-term exposure to PM2.5 and incidence of COVID-19 in Canadian health regions. <i>Environmental Research</i> , 2020, 191, 110052.	7.5	64
7	Relative Risk Functions for Estimating Excess Mortality Attributable to Outdoor PM2.5 Air Pollution: Evolution and State-of-the-Art. <i>Atmosphere</i> , 2020, 11, 589.	2.3	42
8	Ambient ultrafine particle concentrations and incidence of childhood cancers. <i>Environment International</i> , 2020, 145, 106135.	10.0	12
9	Mortality Risk and Fine Particulate Air Pollution in a Large, Representative Cohort of U.S. Adults. <i>Environmental Health Perspectives</i> , 2019, 127, 77007.	6.0	144
10	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> , 2019, 127, 107008.	6.0	64
11	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 & Technology</i> , 2019, 53, 2595-2611.	10.0	451
12	Effect modification of perinatal exposure to air pollution and childhood asthma incidence. <i>European Respiratory Journal</i> , 2018, 51, 1701884.	6.7	57
13	Exposure to Ambient Ultrafine Particles and Nitrogen Dioxide and Incident Hypertension and Diabetes. <i>Epidemiology</i> , 2018, 29, 323-332.	2.7	90
14	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, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1923-1994.	13.7	3,269
15	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> , 2018, 115, 9592-9597.	7.1	1,407
16	Maternal exposure to ambient air pollution and risk of early childhood cancers: A population-based study in Ontario, Canada. <i>Environment International</i> , 2017, 100, 139-147.	10.0	84
17	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> , 2017, 125, 117002.	6.0	248
18	Assessment of the effect of cold and hot temperatures on mortality in Ontario, Canada: a population-based study. <i>CMAJ Open</i> , 2016, 4, E48-E58.	2.4	35

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19	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> , 2016, 9, 961-972.	3.3	106
20	Long-Term Ozone Exposure and Mortality in a Large Prospective Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 1134-1142.	5.6	602
21	Long-term Exposure to Fine Particulate Matter Air Pollution and Mortality Among Canadian Women. <i>Epidemiology</i> , 2015, 26, 536-545.	2.7	76
22	Ambient PM _{2.5} , O ₃ , and NO ₂ 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> , 2015, 123, 1180-1186.	6.0	419
23	An Integrated Risk Function for Estimating the Global Burden of Disease Attributable to Ambient Fine Particulate Matter Exposure. <i>Environmental Health Perspectives</i> , 2014, 122, 397-403.	6.0	1,423
24	Long-Term Exposure to Fine Particulate Matter: Association with Nonaccidental and Cardiovascular Mortality in the Agricultural Health Study Cohort. <i>Environmental Health Perspectives</i> , 2014, 122, 609-615.	6.0	122
25	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> , 2011, 119, 1616-1621.	6.0	583
26	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> , 2010, 181, 47-53.	5.6	212
27	Lung Cancer, Cardiopulmonary Mortality, and Long-term Exposure to Fine Particulate Air Pollution. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 1132.	7.4	6,490