

Richard W Atkinson

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

7,845
citations

87888

38
h-index

114465

63
g-index

66
all docs

66
docs citations

66
times ranked

9863
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.1	1,407
2	Black Carbon as an Additional Indicator of the Adverse Health Effects of Airborne Particles Compared with PM ₁₀ and PM _{2.5} . Environmental Health Perspectives, 2011, 119, 1691-1699.	6.0	829
3	The impact of heat waves on mortality in 9 European cities: results from the EuroHEAT project. Environmental Health, 2010, 9, 37.	4.0	471
4	Public health benefits of strategies to reduce greenhouse-gas emissions: health implications of short-lived greenhouse pollutants. Lancet, The, 2009, 374, 2091-2103.	13.7	360
5	Urban Ambient Particle Metrics and Health. Epidemiology, 2010, 21, 501-511.	2.7	300
6	Mortality Associations with Long-Term Exposure to Outdoor Air Pollution in a National English Cohort. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 1226-1233.	5.6	238
7	Long-Term Exposure to Outdoor Air Pollution and Incidence of Cardiovascular Diseases. Epidemiology, 2013, 24, 44-53.	2.7	222
8	Fine particle components and health—a systematic review and meta-analysis of epidemiological time series studies of daily mortality and hospital admissions. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 208-214.	3.9	218
9	Quantifying the health impacts of ambient air pollutants: recommendations of a WHO/Europe project. International Journal of Public Health, 2015, 60, 619-627.	2.3	217
10	Long-term exposure to NO ₂ and O ₃ and all-cause and respiratory mortality: A systematic review and meta-analysis. Environment International, 2020, 144, 105998.	10.0	209
11	The Temporal Pattern of Mortality Responses to Air Pollution: A Multicity Assessment of Mortality Displacement. Epidemiology, 2002, 13, 87-93.	2.7	207
12	The association of daily sulfur dioxide air pollution levels with hospital admissions for cardiovascular diseases in Europe (The Aphea-II study). European Heart Journal, 2003, 24, 752-760.	2.2	193
13	Long-term exposure to air pollution and the incidence of asthma: meta-analysis of cohort studies. Air Quality, Atmosphere and Health, 2013, 6, 47-56.	3.3	183
14	Are noise and air pollution related to the incidence of dementia? A cohort study in London, England. BMJ Open, 2018, 8, e022404.	1.9	177
15	Long-term Concentrations of Nitrogen Dioxide and Mortality. Epidemiology, 2018, 29, 460-472.	2.7	162
16	A tale of two cities: effects of air pollution on hospital admissions in Hong Kong and London compared.. Environmental Health Perspectives, 2002, 110, 67-77.	6.0	160
17	Effects of Heat Waves on Mortality. Epidemiology, 2014, 25, 15-22.	2.7	140
18	Short-Term Associations between Emergency Hospital Admissions for Respiratory and Cardiovascular Disease and Outdoor Air Pollution in London. Archives of Environmental Health, 1999, 54, 398-411.	0.4	130

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19	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project. <i>Lancet Planetary Health</i> , The, 2022, 6, e9-e18.	11.4	130
20	Bone density of women who have recovered from anorexia nervosa. , 2000, 28, 107-112.		107
21	Associations of short-term exposure to traffic-related air pollution with cardiovascular and respiratory hospital admissions in London, UK. <i>Occupational and Environmental Medicine</i> , 2016, 73, 300-307.	2.8	105
22	Ambient Particulate Matter and Health Effects. <i>Epidemiology</i> , 2005, 16, 155-163.	2.7	103
23	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. <i>BMJ</i> , The, 2021, 374, n1904.	6.0	93
24	Analysis of health outcome time series data in epidemiological studies. <i>Environmetrics</i> , 2004, 15, 101-117.	1.4	88
25	Air pollution interventions and their impact on public health. <i>International Journal of Public Health</i> , 2012, 57, 757-768.	2.3	87
26	Acute effects of ambient ozone on mortality in Europe and North America: results from the APHENA study. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 445-453.	3.3	87
27	Long-term low-level ambient air pollution exposure and risk of lung cancer – A pooled analysis of 7 European cohorts. <i>Environment International</i> , 2021, 146, 106249.	10.0	79
28	Short-term exposure to traffic-related air pollution and daily mortality in London, UK. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 125-132.	3.9	74
29	Air pollution and health: a European and North American approach (APHENA). Research Report (health) Tj ETQq1 1 0,784314,rgBT /Over	1.6	71
30	Ethnic Differences in Fibrinogen Levels: The Role of Environmental Factors and the beta-Fibrinogen Gene. <i>American Journal of Epidemiology</i> , 2001, 153, 799-806.	3.4	62
31	Long-term exposure to outdoor air pollution and the prevalence of asthma: meta-analysis of multi-community prevalence studies. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 57-68.	3.3	59
32	Traffic-related pollution and asthma prevalence in children. Quantification of associations with nitrogen dioxide. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 459-466.	3.3	58
33	Concentration-Response Function for Ozone and Daily Mortality: Results from Five Urban and Five Rural U.K. Populations. <i>Environmental Health Perspectives</i> , 2012, 120, 1411-1417.	6.0	56
34	Current and future climate- and air pollution-mediated impacts on human health. <i>Environmental Health</i> , 2009, 8, S8.	4.0	53
35	Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortality – a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. <i>Environmental Health Perspectives</i> , 2021, 129, 47009.	6.0	53
36	Analysing the health effects of simultaneous exposure to physical and chemical properties of airborne particles. <i>Environment International</i> , 2015, 79, 56-64.	10.0	50

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37	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. <i>Environment International</i> , 2021, 146, 106267.	10.0	50
38	Ambient air SO ₂ patterns in 6 European cities. <i>Atmospheric Environment</i> , 2013, 79, 236-247.	4.1	49
39	Trends of nitrogen oxides in ambient air in nine European cities between 1999 and 2010. <i>Atmospheric Environment</i> , 2015, 117, 234-241.	4.1	48
40	Differential health effects of short-term exposure to source-specific particles in London, U.K.. <i>Environment International</i> , 2016, 97, 246-253.	10.0	38
41	Investigation into the use of the CUSUM technique in identifying changes in mean air pollution levels following introduction of a traffic management scheme. <i>Atmospheric Environment</i> , 2007, 41, 1784-1791.	4.1	37
42	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <i>European Respiratory Journal</i> , 2021, 57, 2003099.	6.7	36
43	Short-term associations between particle oxidative potential and daily mortality and hospital admissions in London. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 566-572.	4.3	34
44	Measurement error in a multi-level analysis of air pollution and health: a simulation study. <i>Environmental Health</i> , 2019, 18, 13.	4.0	31
45	Long-term exposure to air pollution and mortality in a Danish nationwide administrative cohort study: Beyond mortality from cardiopulmonary disease and lung cancer. <i>Environment International</i> , 2022, 164, 107241.	10.0	30
46	Measurement error in time-series analysis: a simulation study comparing modelled and monitored data. <i>BMC Medical Research Methodology</i> , 2013, 13, 136.	3.1	25
47	Spatiotemporal evaluation of EMEP4UK-WRF v4.3 atmospheric chemistry transport simulations of health-related metrics for NO ₂ , O ₃ , PM ₁₀ , and PM _{2.5} ; for 2001-2010. <i>Geoscientific Model Development</i> , 2017, 10, 1767-1787.	3.6	23
48	Comparison of associations between mortality and air pollution exposure estimated with a hybrid, a land-use regression and a dispersion model. <i>Environment International</i> , 2021, 146, 106306.	10.0	23
49	Searching for the best modeling specification for assessing the effects of temperature and humidity on health: a time series analysis in three European cities. <i>International Journal of Biometeorology</i> , 2015, 59, 1585-1596.	3.0	22
50	Myocardial infarction, ST-elevation and non-ST-elevation myocardial infarction and modelled daily pollution concentrations: a case-crossover analysis of MINAP data. <i>Open Heart</i> , 2016, 3, e000429.	2.3	21
51	Variability in the association between long-term exposure to ambient air pollution and mortality by exposure assessment method and covariate adjustment: A census-based country-wide cohort study. <i>Science of the Total Environment</i> , 2022, 804, 150091.	8.0	19
52	The impact of measurement error in modeled ambient particles exposures on health effect estimates in multilevel analysis. <i>Environmental Epidemiology</i> , 2020, 4, e094.	3.0	17
53	Economic valuation of the mortality benefits of a regulation on SO ₂ in 20 European cities. <i>European Journal of Public Health</i> , 2014, 24, 631-637.	0.3	16
54	Comparing the performance of air pollution models for nitrogen dioxide and ozone in the context of a multilevel epidemiological analysis. <i>Environmental Epidemiology</i> , 2020, 4, e093.	3.0	16

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55	Acute Effects of Air Pollution on Admissions. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1257-1258.	5.6	11
56	Long-term exposure to fine particle elemental components and mortality in Europe: Results from six European administrative cohorts within the ELAPSE project. Science of the Total Environment, 2022, 809, 152205.	8.0	11
57	Impact of legislative changes to reduce the sulphur content in fuels in Europe on daily mortality in 20 European cities: an analysis of data from the Aphekom project. Air Quality, Atmosphere and Health, 2014, 7, 83-91.	3.3	9
58	Epidemic of asthma was not associated with episode of air pollution. BMJ: British Medical Journal, 1996, 312, 1606-1607.	2.3	7
59	Individual-level interventions to reduce personal exposure to outdoor air pollution and their effects on people with long-term respiratory conditions. The Cochrane Library, 2021, 2021, CD013441.	2.8	6
60	What is the impact of systematically missing exposure data on air pollution health effect estimates?. Air Quality, Atmosphere and Health, 2014, 7, 415-420.	3.3	5
61	Response to "Quantifying the health impacts of ambient air pollutants: methodological errors must be avoided". International Journal of Public Health, 2016, 61, 387-388.	2.3	4
62	Response to: Premature deaths attributed to ambient air pollutants: let us interpret the Robins' Greenland theorem correctly. International Journal of Public Health, 2017, 62, 339-341.	2.3	3
63	Individual-level interventions to reduce personal exposure to outdoor air pollution and their effects on long-term respiratory conditions. The Cochrane Library, 2019, , .	2.8	1
64	THE PHEWE PROJECT - THE METHODOLOGICAL APPROACH USED TO EVALUATE THE SHORT-TERM HEALTH EFFECTS OF WEATHER CONDITIONS. Epidemiology, 2004, 15, S103-S104.	2.7	0
65	Long-term exposure to low concentrations of air pollution and cause-specific mortality beyond cardiorespiratory disease: A Danish nationwide cohort study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0