

# Ryan W Allen

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

3,084  
citations

159585

30  
h-index

254184

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4098  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-level lead exposure and mortality in US adults: a population-based cohort study. <i>Lancet Public Health</i> , The, 2018, 3, e177-e184.	10.0	372
2	An Air Filter Intervention Study of Endothelial Function among Healthy Adults in a Woodsmoke-impacted Community. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1222-1230.	5.6	185
3	Pulmonary Effects of Indoor- and Outdoor-Generated Particles in Children with Asthma. <i>Environmental Health Perspectives</i> , 2005, 113, 499-503.	6.0	183
4	Temporal stability of land use regression models for traffic-related air pollution. <i>Atmospheric Environment</i> , 2013, 64, 312-319.	4.1	173
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	Modeling the Residential Infiltration of Outdoor PM <sub>2.5</sub> in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Environmental Health Perspectives</i> , 2012, 120, 824-830.	6.0	138
7	Prospective Study of Particulate Air Pollution Exposures, Subclinical Atherosclerosis, and Clinical Cardiovascular Disease: The Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>American Journal of Epidemiology</i> , 2012, 176, 825-837.	3.4	126
8	Fine Particulate Matter Air Pollution, Proximity to Traffic, and Aortic Atherosclerosis. <i>Epidemiology</i> , 2009, 20, 254-264.	2.7	122
9	A Land Use Regression Model for Ultrafine Particles in Vancouver, Canada. <i>Environmental Science &amp; Technology</i> , 2013, 47, 5217-5225.	10.0	120
10	An assessment of air pollution and its attributable mortality in Ulaanbaatar, Mongolia. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 137-150.	3.3	118
11	Comparing universal kriging and land-use regression for predicting concentrations of gaseous oxides of nitrogen (NO <sub>x</sub> ) for the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Atmospheric Environment</i> , 2011, 45, 4412-4420.	4.1	112
12	Approach to Estimating Participant Pollutant Exposures in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Environmental Science &amp; Technology</i> , 2009, 43, 4687-4693.	10.0	106
13	Evaluation of random forest regression and multiple linear regression for predicting indoor fine particulate matter concentrations in a highly polluted city. <i>Environmental Pollution</i> , 2019, 245, 746-753.	7.5	104
14	Changes in Lung Function and Airway Inflammation Among Asthmatic Children Residing in a Woodsmoke-Impacted Urban Area. <i>Inhalation Toxicology</i> , 2008, 20, 423-433.	1.6	77
15	The impacts of traffic-related and woodsmoke particulate matter on measures of cardiovascular health: a HEPA filter intervention study. <i>Occupational and Environmental Medicine</i> , 2015, 72, 394-400.	2.8	67
16	Air Pollution and Cardiovascular Disease in the Multi-Ethnic Study of Atherosclerosis. <i>Progress in Cardiovascular Diseases</i> , 2011, 53, 353-360.	3.1	66
17	The transferability of NO and NO <sub>2</sub> land use regression models between cities and pollutants. <i>Atmospheric Environment</i> , 2011, 45, 369-378.	4.1	61
18	Timeâ€location patterns of a diverse population of older adults: the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 349-355.	3.9	61

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19	Perinatal Exposure to Traffic-Related Air Pollution and Atopy at 1 Year of Age in a Multi-Center Canadian Birth Cohort Study. <i>Environmental Health Perspectives</i> , 2015, 123, 902-908.	6.0	59
20	The effect of portable HEPA filter air cleaners on indoor PM2.5 concentrations and second hand tobacco smoke exposure among pregnant women in Ulaanbaatar, Mongolia: The UGAAR randomized controlled trial. <i>Science of the Total Environment</i> , 2018, 615, 1379-1389.	8.0	59
21	Within- and between-city contrasts in nitrogen dioxide and mortality in 10 Canadian cities; a subset of the Canadian Census Health and Environment Cohort (CanCHEC). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 482-489.	3.9	56
22	Modeling residential fine particulate matter infiltration for exposure assessment. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009, 19, 570-579.	3.9	51
23	The Canadian Healthy Infant Longitudinal Development (CHILD) birth cohort study: assessment of environmental exposures. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 580-592.	3.9	49
24	Indoor particulate matter in rural, wood stove heated homes. <i>Environmental Research</i> , 2015, 138, 93-100.	7.5	48
25	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
26	Exploring Variation and Predictors of Residential Fine Particulate Matter Infiltration. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3211-3224.	2.6	41
27	The impact of wood stove technology upgrades on indoor residential air quality. <i>Atmospheric Environment</i> , 2009, 43, 5908-5915.	4.1	40
28	Portable air cleaners should be at the forefront of the public health response to landscape fire smoke. <i>Environmental Health</i> , 2016, 15, 116.	4.0	40
29	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
30	Individual- and Household-Level Interventions to Reduce Air Pollution Exposures and Health Risks: a Review of the Recent Literature. <i>Current Environmental Health Reports</i> , 2020, 7, 424-440.	6.7	35
31	The effect of portable HEPA filter air cleaner use during pregnancy on fetal growth: The UGAAR randomized controlled trial. <i>Environment International</i> , 2018, 121, 981-989.	10.0	31
32	Randomized Controlled Trials in Environmental Health Research: Unethical or Underutilized?. <i>PLoS Medicine</i> , 2015, 12, e1001775.	8.4	28
33	Are both air pollution and noise driving adverse cardiovascular health effects from motor vehicles?. <i>Environmental Research</i> , 2011, 111, 184-185.	7.5	21
34	Coal smoke, gestational cadmium exposure, and fetal growth. <i>Environmental Research</i> , 2019, 179, 108830.	7.5	18
35	Estimating ambient-origin PM2.5 exposure for epidemiology: observations, prediction, and validation using personal sampling in the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 227-237.	3.9	18
36	Factors influencing time-location patterns and their impact on estimates of exposure: the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 341-348.	3.9	17

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37	Prenatal exposure to traffic-related air pollution, the gestational epigenetic clock, and risk of early-life allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1729-1731.e5.	2.9	15
38	Can Public Spaces Effectively Be Used as Cleaner Indoor Air Shelters during Extreme Smoke Events?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4085.	2.6	11
39	Portable HEPA filter air cleaner use during pregnancy and children's body mass index at two years of age: The UGAAR randomized controlled trial. <i>Environment International</i> , 2021, 156, 106728.	10.0	9
40	Portable HEPA Filter Air Cleaner Use during Pregnancy and Children's Cognitive Performance at Four Years of Age: The UGAAR Randomized Controlled Trial. <i>Environmental Health Perspectives</i> , 2022, 130, .	6.0	8
41	A new exposure metric for traffic-related air pollution? An analysis of determinants of hopanes in settled indoor house dust. <i>Environmental Health</i> , 2013, 12, 48.	4.0	6
42	A description of methods for deriving air pollution land use regression model predictor variables from remote sensing data in Ulaanbaatar, Mongolia. <i>Canadian Geographer / Geographie Canadien</i> , 2016, 60, 333-345.	1.5	4
43	Portable HEPA filter air cleaner use during pregnancy and children's behavior problem scores: a secondary analysis of the UGAAR randomized controlled trial. <i>Environmental Health</i> , 2021, 20, 78.	4.0	3
44	Portable HEPA Filter Air Cleaner Use During Pregnancy and Children's Behavior Problem Scores: The UGAAR Randomized Controlled Trial. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0