

Long-term air pollution exposure and cardio- respiratory

Environmental Health

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Exposure to vehicle emissions results in altered blood brain barrier permeability and expression of matrix metalloproteinases and tight junction proteins in mice. Particle and Fibre Toxicology, 2013, 10, 62.	2.8	112
2	Diesel exhaust particulate increases the size and complexity of lesions in atherosclerotic mice. Particle and Fibre Toxicology, 2013, 10, 61.	2.8	103
3	Air pollution and life expectancy in China and beyond. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12861-12862.	3.3	94
4	Climate Change, Air Pollution, and COPD Outcomes. Chest, 2013, 144, 1731.	0.4	3
5	In utero and early life exposure to diesel exhaust air pollution increases adult susceptibility to heart failure in mice. Particle and Fibre Toxicology, 2013, 10, 59.	2.8	51
6	Effectiveness of Low Emission Zones: Large Scale Analysis of Changes in Environmental NO <sub>2</sub> , NO and NO <sub>x</sub> Concentrations in 17 German Cities. PLoS ONE, 2014, 9, e102999.	1.1	45
7	Impact of particulate matter on health. Journal of the Korean Medical Association, 2014, 57, 763.	0.1	18
8	Exposureâ€“response functions for health impacts. , 0, , 63-130.		0
9	Heart rate variability and DNA methylation levels are altered after short-term metal fume exposure among occupational welders: a repeated-measures panel study. BMC Public Health, 2014, 14, 1279.	1.2	28
10	Ultrafine carbon particle mediated cardiovascular impairment of aged spontaneously hypertensive rats. Particle and Fibre Toxicology, 2014, 11, 36.	2.8	19
11	Long term exposure to ambient air pollution and incidence of acute coronary events: prospective cohort study and meta-analysis in 11 European cohorts from the ESCAPE Project. BMJ, The, 2014, 348, f7412-f7412.	3.0	481
12	Long-Term Exposure to Fine Particulate Matter: Association with Nonaccidental and Cardiovascular Mortality in the Agricultural Health Study Cohort. Environmental Health Perspectives, 2014, 122, 609-615.	2.8	122
13	Effects of $\beta_2$ -Adrenoceptor Subtypes on Cardiac Function in Myocardial Infarction Rats Exposed to Fine Particulate Matter (PM <sub>2.5</sub> ). BioMed Research International, 2014, 2014, 1-9.	0.9	8
14	Health impact assessment of air pollution in Valladolid, Spain. BMJ Open, 2014, 4, e005999.	0.8	17
16	Air Pollution and the Development of Posttransplant Chronic Lung Allograft Dysfunction. American Journal of Transplantation, 2014, 14, 2749-2757.	2.6	33
17	Integrating Health on Air Quality Assessmentâ€”Review Report on Health Risks of Two Major European Outdoor Air Pollutants: PM and NO <sub>2</sub> . Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2014, 17, 307-340.	2.9	138
18	Vascular and lung function related to ultrafine and fine particles exposure assessed by personal and indoor monitoring: a cross-sectional study. Environmental Health, 2014, 13, 112.	1.7	48
19	Exposure to traffic-related air pollution during physical activity and acute changes in blood pressure, autonomic and micro-vascular function in women: a cross-over study. Particle and Fibre Toxicology, 2014, 11, 70.	2.8	130

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20	Long-term Exposure to Air Pollution and Cardiovascular Mortality. <i>Epidemiology</i> , 2014, 25, 368-378.	1.2	272
21	Systemic Effects of Wood Smoke in a Short-Term Experimental Exposure Study of Atopic Volunteers. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 177-183.	0.9	17
22	Air Pollution and Nonmalignant Respiratory Mortality in 16 Cohorts within the ESCAPE Project. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 684-696.	2.5	63
23	Cardiovascular and lung function in relation to outdoor and indoor exposure to fine and ultrafine particulate matter in middle-aged subjects. <i>Environment International</i> , 2014, 73, 372-381.	4.8	85
24	Nitrogen dioxide and mortality: review and meta-analysis of long-term studies. <i>European Respiratory Journal</i> , 2014, 44, 744-753.	3.1	291
25	Air pollution and mortality in Europe. <i>Lancet, The</i> , 2014, 383, 758-760.	6.3	16
26	Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology and Applied Pharmacology</i> , 2014, 276, 136-146.	1.3	16
27	Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project. <i>Lancet, The</i> , 2014, 383, 785-795.	6.3	1,077
28	Direct and indirect air particle cytotoxicity in human alveolar epithelial cells. <i>Toxicology in Vitro</i> , 2014, 28, 796-802.	1.1	29
29	Trace metals in size-fractionated particulate matter in a Portuguese hospital: exposure risks assessment and comparisons with other countries. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3604-3620.	2.7	26
30	Developmental Origins of Cardiovascular Disease. <i>Current Epidemiology Reports</i> , 2014, 1, 9-16.	1.1	26
31	Particulate air pollution and mortality in a cohort of Chinese men. <i>Environmental Pollution</i> , 2014, 186, 1-6.	3.7	139
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35	Roadway Proximity and Risk of Sudden Cardiac Death in Women. <i>Circulation</i> , 2014, 130, 1474-1482.	1.6	41
36	Risk assessment of mortality for all-cause, ischemic heart disease, cardiopulmonary disease, and lung cancer due to the operation of the world's largest coal-fired power plant. <i>Atmospheric Environment</i> , 2014, 96, 117-124.	1.9	9
37	Is air quality index associated with cardiometabolic risk factors in adolescents? The CASPIAN-III Study. <i>Environmental Research</i> , 2014, 134, 105-109.	3.7	56

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38	Spatial and temporal differences in traffic-related air pollution in three urban neighborhoods near an interstate highway. <i>Atmospheric Environment</i> , 2014, 99, 309-321.	1.9	124
39	Large Scale Air Pollution Estimation Method Combining Land Use Regression and Chemical Transport Modeling in a Geostatistical Framework. <i>Environmental Science &amp; Technology</i> , 2014, 48, 4452-4459.	4.6	39
40	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: Results from the ESCAPE and TRANSPHORM projects. <i>Environment International</i> , 2014, 66, 97-106.	4.8	127
41	Microenvironment particle measurements in Thessaloniki, Greece. <i>Urban Climate</i> , 2014, 10, 608-620.	2.4	21
42	A toxicological study of inhalable particulates in an industrial region of Lanzhou City, northwestern China: Results from plasmid scission assay. <i>Aeolian Research</i> , 2014, 14, 25-34.	1.1	16
43	Air pollution and human fertility rates. <i>Environment International</i> , 2014, 70, 9-14.	4.8	128
44	Comparison of ambient airborne PM2.5, PM2.5 absorbance and nitrogen dioxide ratios measured in 1999 and 2009 in three areas in Europe. <i>Science of the Total Environment</i> , 2014, 487, 290-298.	3.9	16
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47	Air quality modeling and mortality impact of fine particles reduction policies in Spain. <i>Environmental Research</i> , 2014, 128, 15-26.	3.7	55
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50	The impact of Low Emission Zones on particulate matter concentration and public health: A Rejoinder. <i>Transportation Research, Part A: Policy and Practice</i> , 2015, 82, 257-258.	2.0	1
51	Short-term Exposure to Fine Particulate Matter Air Pollution Is Preferentially Associated With the Risk of ST-Segment Elevation Acute Coronary Events. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	99
52	Fine particulate matter (PM2.5) in China at a city level. <i>Scientific Reports</i> , 2015, 5, 14884.	1.6	595
53	PM2.5 and mortality in 207 US cities. <i>Epidemiology</i> , 2015, 27, 1.	1.2	98
54	Neighborhood walkability and particulate air pollution in a nationwide cohort of women. <i>Environmental Research</i> , 2015, 142, 703-711.	3.7	40
55	Chronic exposure to particulate matter and risk of cardiovascular mortality: cohort study from Taiwan. <i>BMC Public Health</i> , 2015, 15, 936.	1.2	47

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62	Long-term Exposure to Particulate Matter Constituents and the Incidence of Coronary Events in 11 European Cohorts. Epidemiology, 2015, 26, 565-574.	1.2	68
63	Health Impact Assessment of PM10 and PM2.5 in 27 Southeast and East Asian Cities. Journal of Occupational and Environmental Medicine, 2015, 57, 751-756.	0.9	41
64	Association of Roadway Proximity with Fasting Plasma Glucose and Metabolic Risk Factors for Cardiovascular Disease in a Cross-Sectional Study of Cardiac Catheterization Patients. Environmental Health Perspectives, 2015, 123, 1007-1014.	2.8	27
65	Prospective Study of Ambient Particulate Matter Exposure and Risk of Pulmonary Embolism in the Nurses' Health Study Cohort. Environmental Health Perspectives, 2015, 123, 1265-1270.	2.8	27
66	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). Environmental Health Perspectives, 2015, 123, 1180-1186.	2.8	419
67	Atmospheric Interactions and Cardiac Arrhythmias: Langrish et al. Respond. Environmental Health Perspectives, 2015, 123, A144-5.	2.8	0
68	Satellite-Based Estimates of Long-Term Exposure to Fine Particles and Association with Mortality in Elderly Hong Kong Residents. Environmental Health Perspectives, 2015, 123, 1167-1172.	2.8	148
69	Air Pollution and Mortality in Seven Million Adults: The Dutch Environmental Longitudinal Study (DUELS). Environmental Health Perspectives, 2015, 123, 697-704.	2.8	186
70	Spatial Variation and Land Use Regression Modeling of the Oxidative Potential of Fine Particles. Environmental Health Perspectives, 2015, 123, 1187-1192.	2.8	61
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73	Future Premature Mortality Due to O <sub>3</sub> , Secondary Inorganic Aerosols and Primary PM in Europe – Sensitivity to Changes in Climate, Anthropogenic Emissions, Population and Building Stock. International Journal of Environmental Research and Public Health, 2015, 12, 2837-2869.	1.2	52

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75	Burden of Outdoor Air Pollution in Kerala, India—A First Health Risk Assessment at State Level. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 10602-10619.	1.2	14
76	Association of Roadway Proximity with Indoor Air Pollution in a Peri-Urban Community in Lima, Peru. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 13466-13481.	1.2	23
77	Epigallocatechin-3-Gallate Protects HUVECs from PM2.5-Induced Oxidative Stress Injury by Activating Critical Antioxidant Pathways. <i>Molecules</i> , 2015, 20, 6626-6639.	1.7	67
78	Assessment of Population Exposure to Coarse and Fine Particulate Matter in the Urban Areas of Chennai, India. <i>Scientific World Journal, The</i> , 2015, 2015, 1-11.	0.8	9
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83	Understanding Air Pollution and Cardiovascular Diseases: Is It Preventable?. <i>Current Cardiovascular Risk Reports</i> , 2015, 9, 1.	0.8	35
84	The Authors Respond. <i>Epidemiology</i> , 2015, 26, e63.	1.2	1
85	Occupational exposure to asbestos and cardiovascular related diseases: A meta-analysis. <i>Preventive Medicine Reports</i> , 2015, 2, 920-926.	0.8	22
86	Arterial blood pressure responses to short-term exposure to low and high traffic-related air pollution with and without moderate physical activity. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 548-557.	0.8	86
87	The impact of Low Emission Zones on particulate matter concentration and public health: A Comment. <i>Transportation Research, Part A: Policy and Practice</i> , 2015, 82, 255-256.	2.0	1
88	A multi-scale health impact assessment of air pollution over the 21st century. <i>Science of the Total Environment</i> , 2015, 514, 439-449.	3.9	58
89	Impact on human health of climate changes. <i>European Journal of Internal Medicine</i> , 2015, 26, 1-5.	1.0	107
90	The Molecular Identification of Organic Compounds in the Atmosphere: State of the Art and Challenges. <i>Chemical Reviews</i> , 2015, 115, 3919-3983.	23.0	417
91	Characterizing the burden of disease of particulate matter for life cycle impact assessment. <i>Air Quality, Atmosphere and Health</i> , 2015, 8, 29-46.	1.5	58

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93	Traffic-related air pollution exposure and incidence of stroke in four cohorts from Stockholm. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 517-523.	1.8	49
94	An optimization platform for Poland's power sector considering air pollution and health effects. <i>Environmental Modelling and Software</i> , 2015, 74, 227-237.	1.9	17
95	Growing old and gasping for air. <i>Maturitas</i> , 2015, 81, 331-332.	1.0	0
96	Impact of a future H <sub>2</sub> transportation on atmospheric pollution in Europe. <i>Atmospheric Environment</i> , 2015, 113, 208-222.	1.9	24
97	Traffic control for air quality management and congestion mitigation in complex urban vehicular tunnels. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 58, 13-28.	3.9	16
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99	Natural-Cause Mortality and Long-Term Exposure to Particle Components: An Analysis of 19 European Cohorts within the Multi-Center ESCAPE Project. <i>Environmental Health Perspectives</i> , 2015, 123, 525-533.	2.8	130
100	Associations of Mortality with Long-Term Exposures to Fine and Ultrafine Particles, Species and Sources: Results from the California Teachers Study Cohort. <i>Environmental Health Perspectives</i> , 2015, 123, 549-556.	2.8	325
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103	Reduce short-lived climate pollutants for multiple benefits. <i>Lancet, The</i> , 2015, 386, e28-e31.	6.3	17
104	Enhanced Deposition by Electrostatic Field-Assistance Aggravating Diesel Exhaust Aerosol Toxicity for Human Lung Cells. <i>Environmental Science &amp; Technology</i> , 2015, 49, 8721-8730.	4.6	5
105	The impact of Low Emission Zones on particulate matter concentration and public health. <i>Transportation Research, Part A: Policy and Practice</i> , 2015, 77, 372-385.	2.0	29
106	Particulate matter components, sources, and health: Systematic approaches to testing effects. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 544-558.	0.9	185
107	The effects on health of ambient particles: time for an agonizing reappraisal?. <i>Cell Biology and Toxicology</i> , 2015, 31, 131-147.	2.4	16
108	Respiratory and inflammatory responses to short-term exposure to traffic-related air pollution with and without moderate physical activity. <i>Occupational and Environmental Medicine</i> , 2015, 72, 284-293.	1.3	95
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111	Hypothetical Exposure Limits for Oil-Based Metalworking Fluids and Cardiovascular Mortality in a Cohort of Autoworkers: Structural Accelerated Failure Time Models in a Public Health Framework. <i>American Journal of Epidemiology</i> , 2015, 181, 563-570.	1.6	12
112	Health benefits of air pollution abatement policy: Role of the shape of the concentrationâ€“response function. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 516-522.	0.9	101
113	Air Pollution and Daily Clinic Visits for Migraine in a Subtropical City: Taipei, Taiwan. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 549-558.	1.1	19
114	Air Pollution and Cardiovascular Disease. <i>Current Problems in Cardiology</i> , 2015, 40, 207-238.	1.1	382
115	Inflammatory markers in relation to long-term air pollution. <i>Environment International</i> , 2015, 81, 1-7.	4.8	57
116	Health impact and monetary cost of exposure to particulate matter emitted from biomass burning in large cities. <i>Science of the Total Environment</i> , 2015, 524-525, 319-330.	3.9	39
117	Indoor and Outdoor Exposure to Ultrafine, Fine and Microbiologically Derived Particulate Matter Related to Cardiovascular and Respiratory Effects in a Panel of Elderly Urban Citizens. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1667-1686.	1.2	62
118	The association of long-term exposure to PM2.5 on all-cause mortality in the Nursesâ€™ Health Study and the impact of measurement-error correction. <i>Environmental Health</i> , 2015, 14, 38.	1.7	84
119	Multiphase Chemistry at the Atmosphereâ€“Biosphere Interface Influencing Climate and Public Health in the Anthropocene. <i>Chemical Reviews</i> , 2015, 115, 4440-4475.	23.0	468
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122	Day and night variation in chemical composition and toxicological responses of size segregated urban air PM samples in a high air pollution situation. <i>Atmospheric Environment</i> , 2015, 120, 427-437.	1.9	43
123	Tradeoffs between income, air pollution and life expectancy: Brief report on the US experience, 1980â€“2000. <i>Environmental Research</i> , 2015, 142, 591-593.	3.7	19
124	The iron component of particulate matter is antiapoptotic: A clue to the development of lung cancer after exposure to atmospheric pollutants?. <i>Biochimie</i> , 2015, 118, 195-206.	1.3	10
125	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.	1.8	56
126	The health benefits of reducing air pollution in Sydney, Australia. <i>Environmental Research</i> , 2015, 143, 19-25.	3.7	85
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128	Is air pollution associated with increased risk of cognitive decline? A systematic review. <i>Age and Ageing</i> , 2015, 44, 755-760.	0.7	47
129	Mortality of a cohort of workers in Great Britain with blood lead measurements. <i>Occupational and Environmental Medicine</i> , 2015, 72, 625-632.	1.3	27
130	The formation and physical properties of the particle emissions from a natural gas engine. <i>Fuel</i> , 2015, 162, 155-161.	3.4	98
131	OH-Radical Specific Addition to Glutathione S-Atom at the Air-Water Interface: Relevance to the Redox Balance of the Lung Epithelial Lining Fluid. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3935-3943.	2.1	30
132	The death toll from air-pollution sources. <i>Nature</i> , 2015, 525, 330-331.	13.7	128
133	Health impact model for modal shift from car use to cycling or walking in Flanders: application to two bicycle highways. <i>Journal of Transport and Health</i> , 2015, 2, 549-562.	1.1	50
134	Association between long-term exposure to air pollution and mortality in France: A 25-year follow-up study. <i>Environment International</i> , 2015, 85, 5-14.	4.8	98
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136	Long term effects of residential NOx exposure on total and cause-specific mortality and incidence of myocardial infarction in a Swedish cohort. <i>Environmental Research</i> , 2015, 142, 197-206.	3.7	36
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139	Health effects of fine particulate matter in life cycle impact assessment: findings from the Basel Guidance Workshop. <i>International Journal of Life Cycle Assessment</i> , 2015, 20, 276-288.	2.2	65
140	Genotoxic and epigenotoxic effects of fine particulate matter from rural and urban sites in Lebanon on human bronchial epithelial cells. <i>Environmental Research</i> , 2015, 136, 352-362.	3.7	68
141	Relationships Between Fine Particulate Air Pollution, Cardiometabolic Disorders, and Cardiovascular Mortality. <i>Circulation Research</i> , 2015, 116, 108-115.	2.0	327
142	Assessment of hematological profiles of adult male athletes from two different air pollutant zones of West Bengal, India. <i>Environmental Science and Pollution Research</i> , 2015, 22, 343-349.	2.7	8
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144	Multifactorial airborne exposures and respiratory hospital admissions – The example of Santiago de Chile. <i>Science of the Total Environment</i> , 2015, 502, 114-121.	3.9	24
145	Genome-Wide Analysis of DNA Methylation and Fine Particulate Matter Air Pollution in Three Study Populations: KORA F3, KORA F4, and the Normative Aging Study. <i>Environmental Health Perspectives</i> , 2016, 124, 983-990.	2.8	150

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147	Air Quality and Health Impacts of Future Ethanol Production and Use in São Paulo State, Brazil. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 695.	1.2	14
148	A Conceptual Framework for the Assessment of Cumulative Exposure to Air Pollution at a Fine Spatial Scale. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 319.	1.2	6
149	Long-Term Exposure to Particulate Matter and Self-Reported Hypertension: A Prospective Analysis in the Nurses' Health Study. <i>Environmental Health Perspectives</i> , 2016, 124, 1414-1420.	2.8	84
150	Ambient Particulate Matter Air Pollution Exposure and Mortality in the NIH-AARP Diet and Health Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 484-490.	2.8	166
151	Ambient Fine Particulate Matter and Mortality among Survivors of Myocardial Infarction: Population-Based Cohort Study. <i>Environmental Health Perspectives</i> , 2016, 124, 1421-1428.	2.8	72
152	Rapid Assessment of Environmental Health Impacts for Policy Support: The Example of Road Transport in New Zealand. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 61.	1.2	21
153	Meta-Analysis of Cardiac Mortality in Three Cohorts of Carbon Black Production Workers. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 302.	1.2	9
154	A Review on Predicting Ground PM2.5 Concentration Using Satellite Aerosol Optical Depth. <i>Atmosphere</i> , 2016, 7, 129.	1.0	138
155	Airborne Particulate Matter in Two Multi-Family Green Buildings: Concentrations and Effect of Ventilation and Occupant Behavior. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 144.	1.2	24
156	Environmental Chemical Assessment in Clinical Practice: Unveiling the Elephant in the Room. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 181.	1.2	28
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311	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. <i>Environmental Research</i> , 2017, 159, 16-23.	3.7	63
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