## The 2016 global and national burden of diabetes mellitu pollution

Lancet Planetary Health, The 2, e301-e312 DOI: 10.1016/s2542-5196(18)30140-2

**Citation Report** 

#	Article	IF	CITATIONS
1	Biguanide Antidiabetic Drugs: Imeglimin Exhibits Higher Proton Basicity but Smaller Lithium-Cation Basicity than Metformin in Vacuo. ACS Omega, 2018, 3, 17842-17852.	1.6	13
2	Changes in the US Burden of Chronic Kidney Disease From 2002 to 2016. JAMA Network Open, 2018, 1, e184412.	2.8	106
3	Air quality co-benefits for human health and agriculture counterbalance costs to meet Paris Agreement pledges. Nature Communications, 2018, 9, 4939.	5.8	163
4	Persistent Organic Pollutants and Type 2 Diabetes: A Critical Review of Review Articles. Frontiers in Endocrinology, 2018, 9, 712.	1.5	63
5	Air pollution and diabetes: it's time to get active!. Lancet Planetary Health, The, 2018, 2, e287-e288.	5.1	6
6	Air pollution exposure associates with increased risk of neonatal jaundice. Nature Communications, 2019, 10, 3741.	5.8	48
7	Lack of association between particulate air pollution and blood glucose levels and diabetic status in peri-urban India. Environment International, 2019, 131, 105033.	4.8	22
8	Air Pollution, Oxidative Stress, and Diabetes: a Life Course Epidemiologic Perspective. Current Diabetes Reports, 2019, 19, 58.	1.7	60
9	The effects of the "two-way feedback mechanism―on the maintenance of persistent heavy aerosol pollution over areas with relatively light aerosol pollution in northwest China. Science of the Total Environment, 2019, 688, 642-652.	3.9	10
10	Effects of ambient particulate matter on fasting blood glucose among primary school children in Guangzhou, China. Environmental Research, 2019, 176, 108541.	3.7	21
11	Relationship between Air Pollution and Regional Longevity in Guangxi, China. International Journal of Environmental Research and Public Health, 2019, 16, 3733.	1.2	4
12	Air pollution-induced missed abortion risk for pregnancies. Nature Sustainability, 2019, 2, 1011-1017.	11.5	50
13	The potential of integrating vehicular emissions policy into Ghana's transport policy for sustainable urban mobility. SN Applied Sciences, 2019, 1, 1.	1.5	8
14	Particle removal efficiency of a household portable air cleaner in real-world residences: A single-blind cross-over field study. Energy and Buildings, 2019, 203, 109464.	3.1	25
15	Appraisal of thermal comfort in rural household kitchens of Punjab, India and adaptation strategies for better health. Environment International, 2019, 124, 431-440.	4.8	40
16	Gut microbiota partially mediates the effects of fine particulate matter on type 2 diabetes: Evidence from a population-based epidemiological study. Environment International, 2019, 130, 104882.	4.8	89
17	Short-term exposure to ambient air pollution and daily atherosclerotic heart disease mortality in a cool climate. Environmental Science and Pollution Research, 2019, 26, 23603-23614.	2.7	18
18	Estimates of all cause mortality and cause specific mortality associated with proton pump inhibitors among US veterans: cohort study. BMJ: British Medical Journal, 2019, 365, l1580.	2.4	146

#	Article	IF	Citations
19	Detection of PM2.5 plume movement from IoT ground level monitoring data. Environmental Pollution, 2019, 252, 543-552.	3.7	27
20	Associations between long-term exposure to ambient air pollution and risk of type 2 diabetes mellitus: A systematic review and meta-analysis. Environmental Pollution, 2019, 252, 1235-1245.	3.7	136
21	Short-term exposure to traffic-related air pollution reveals a compound-specific circulating miRNA profile indicating multiple disease risks. Environment International, 2019, 128, 193-200.	4.8	33
22	Estimates of the 2016 global burden of kidney disease attributable to ambient fine particulate matter air pollution. BMJ Open, 2019, 9, e022450.	0.8	58
23	Variation in health system performance for managing diabetes among states in India: a cross-sectional study of individuals aged 15 to 49 years. BMC Medicine, 2019, 17, 92.	2.3	60
24	Glucose Homeostasis following Diesel Exhaust Particulate Matter Exposure in a Lung Epithelial Cell-Specific IKK2-Deficient Mouse Model. Environmental Health Perspectives, 2019, 127, 057009.	2.8	8
25	The macroeconomic burden of noncommunicable diseases associated with air pollution in China. PLoS ONE, 2019, 14, e0215663.	1.1	26
26	Inhibition of HDAC3 Ameliorates Cerebral Ischemia Reperfusion Injury in Diabetic Mice In Vivo and In Vitro. Journal of Diabetes Research, 2019, 2019, 1-12.	1.0	45
27	Source specific exposure and risk assessment for indoor aerosols. Science of the Total Environment, 2019, 668, 13-24.	3.9	49
28	Volcanic smog and cardiometabolic health: Hawaiian hypertension?. Journal of Clinical Hypertension, 2019, 21, 533-535.	1.0	4
29	Diabetes in developing countries. Journal of Diabetes, 2019, 11, 522-539.	0.8	143
30	Evaluating the variability, transport and periodicity of particulate matter over smart city Bhubaneswar, a tropical coastal station of eastern India. SN Applied Sciences, 2019, 1, 1.	1.5	9
31	Maternal exposure to fine particulate matter from a coal mine fire and birth outcomes in Victoria, Australia. Environment International, 2019, 127, 233-242.	4.8	17
32	Metabolic Syndrome and Air Pollution: A Narrative Review of Their Cardiopulmonary Effects. Toxics, 2019, 7, 6.	1.6	30
33	Long-Term Exposure to Ambient Air Pollution and Type 2 Diabetes in Adults. Current Epidemiology Reports, 2019, 6, 67-79.	1.1	8
34	Environmental Risk Factors for Liver Cancer and Nonalcoholic Fatty Liver Disease. Current Epidemiology Reports, 2019, 6, 50-66.	1.1	48
35	Burden of Cause-Specific Mortality Associated With PM <sub>2.5</sub> Air Pollution in the United States. JAMA Network Open, 2019, 2, e1915834.	2.8	205
36	A Planetary Health Approach to Study Links Between Pollution and Human Health. Current Pollution Reports, 2019, 5, 394-406.	3.1	9

#	Article	IF	CITATIONS
37	Association between air pollution and type 2 diabetes: an updated review of the literature. Therapeutic Advances in Endocrinology and Metabolism, 2019, 10, 204201881989704.	1.4	50
38	Social valuation of regulating and cultural ecosystem services of Arroceros Forest Park: A man-made forest in the city of Manila, Philippines. Journal of Urban Management, 2019, 8, 159-177.	2.3	21
39	Air pollution and kidney disease: review of current evidence. CKJ: Clinical Kidney Journal, 2019, 12, 19-32.	1.4	78
40	Global Environmental Change and Noncommunicable Disease Risks. Annual Review of Public Health, 2019, 40, 261-282.	7.6	113
41	Characterization of atmospheric aerosol (PM10 and PM2.5) from a medium sized city in São Paulo state, Brazil. Journal of Environmental Sciences, 2020, 89, 238-251.	3.2	24
42	Affluent countries inflict inequitable mortality and economic loss on Asia via PM2.5 emissions. Environment International, 2020, 134, 105238.	4.8	36
43	Air pollution: impact and interventions. Air Quality, Atmosphere and Health, 2020, 13, 209-223.	1.5	38
44	The impact of household air cleaners on the oxidative potential of PM2.5 and the role of metals and sources associated with indoor and outdoor exposure. Environmental Research, 2020, 181, 108919.	3.7	39
45	Effects of long-term exposure to air pollution on the incidence of type 2 diabetes mellitus: a meta-analysis of cohort studies. Environmental Science and Pollution Research, 2020, 27, 798-811.	2.7	42
46	The impact of air pollution on the incidence of diabetes and survival among prevalent diabetes cases. Environment International, 2020, 134, 105333.	4.8	50
47	Ambient fine particulate matter induced the elevation of blood pressure through ACE2/Ang(1–7) pathway: The evidence from urine metabolites. Ecotoxicology and Environmental Safety, 2020, 203, 111044.	2.9	13
48	Health Effects Associated with PM2.5: a Systematic Review. Current Pollution Reports, 2020, 6, 345-367.	3.1	45
49	<p>Association Between Cannabinoid Receptor-1 Gene Polymorphism and the Risk of Diabetic Nephropathy Among Patients with Type 2 Diabetes Mellitus</p> . Pharmacogenomics and Personalized Medicine, 2020, Volume 13, 591-599.	0.4	0
50	The Secretive Liaison of Particulate Matter and SARS-CoV-2. A Hypothesis and Theory Investigation. Frontiers in Genetics, 2020, 11, 579964.	1.1	13
51	Ambient air pollution and cause-specific risk of hospital admission in China: A nationwide time-series study. PLoS Medicine, 2020, 17, e1003188.	3.9	111
52	Long-term exposure to low levels of air pollution and mortality adjusting for road traffic noise: A Danish Nurse Cohort study. Environment International, 2020, 143, 105983.	4.8	22
53	Long-term exposure to PM and all-cause and cause-specific mortality: A systematic review and meta-analysis. Environment International, 2020, 143, 105974.	4.8	429
54	Diabetes in Brazil: The Association between Extreme Heat and Hospitalization. Environmental Health Perspectives, 2020, 128, 74004.	2.8	1

ARTICLE IF CITATIONS # Offspring susceptibility to metabolic alterations due to maternal high-fat diet and the impact of 1.6 13 55 inhaled ozone used as a stressor. Scientific Reports, 2020, 10, 16353. Residential Greenness and Cardiovascular Disease Incidence, Readmission, and Mortality. 2.8 Environmental Health Perspectives, 2020, 128, 87005. Characterising particulate matter source contributions in the pollution control zone of mining and 57 1.6 8 related industries using bivariate statistical techniques. Scientific Reports, 2020, 10, 21372. The shared risk of diabetes between dog and cat owners and their pets: register based cohort study. 58 3.0 BMJ, The, 2020, 371, m4337. Risk Analysis of Air Pollution and Meteorological Factors Affecting the Incidence of Diabetes in the 59 1.0 6 Elderly Population in Northern China. Journal of Diabetes Research, 2020, 2020, 1-20. Personal-Level Protective Actions Against Particulate Matter Air Pollution Exposure: A Scientific 1.6 Statement From the American Heart Association. Circulation, 2020, 142, e411-e431. Alternatives to Insulin for the Regulation of Blood Sugar Levels in Type 2 Diabetes. International 61 1.8 4 Journal of Molecular Sciences, 2020, 21, 8302. Association between exposure to ambient fine particulate matter and prevalence of type 2 diabetes in Iran: an ecological study. Environmental Science and Pollution Research, 2020, 27, 26182-26190. How Is Mortality Affected by Fossil Fuel Consumption, CO2 Emissions and Economic Factors in CIS 63 1.6 62 Region?. Energies, 2020, 13, 2255. Environmental determinants of cardiovascular disease: lessons learned from air pollution. Nature 64 6.1 Reviews Cardiology, 2020, 17, 656-672. Effects of Population Weighting on PM<sub>10</sub> Concentration Estimation. Journal of 9 65 0.4 Environmental and Public Health, 2020, 2020, 1-11. Age-Period-Cohort Analysis of Type 2 Diabetes Mortality Attributable to Particulate Matter Pollution in China and the U.S.. Journal of Diabetes Research, 2020, 2020, 1-8. 1.0 Diabetes Minimally Mediated the Association Between PM2.5 Air Pollution and Kidney Outcomes. 67 1.6 21 Scientific Reports, 2020, 10, 4586. Stronger policy required to substantially reduce deaths from PM2.5 pollution in China. Nature 5.8 Communications, 2020, 11, 1462. Sub-Daily Exposure to Fine Particulate Matter and Ambulance Dispatches during Wildfire Seasons: A Case-Cróssover Study in British Columbia, Canada. Environmental Health Perspectives, 2020, 128, 69 2.8 42 67006. Ambient air pollution exposure association with diabetes prevalence and glycosylated hemoglobin (HbA1c) levels in China. Cross-sectional analysis from the WHO study of AGEing and adult health wave 1. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2020, 55, 1149-1162. Optimal Inversion of Conversion Parameters from Satellite AOD to Ground Aerosol Extinction 71 1.8 3 Coefficient Using Automatic Differentiation. Remote Sensing, 2020, 12, 492. Relationship of chronic kidney disease with major air pollutants - A systematic review and meta-analysis of observational studies. Environmental Toxicology and Pharmacology, 2020, 76, 103355.

# 73	ARTICLE Particulate matter pollution and hospital outpatient visits for endocrine, digestive, urological, and dermatological diseases in Nanjing, China. Environmental Pollution, 2020, 261, 114205.	IF 3.7	CITATIONS 24
74	Exposure to particulate matter (PM2.5) and prevalence of diabetes mellitus in Indonesia. Environment International, 2020, 140, 105603.	4.8	12
75	Exposure to air pollutants and the gut microbiota: a potential link between exposure, obesity, and type 2 diabetes. Gut Microbes, 2020, 11, 1188-1202.	4.3	66
76	The present and future scope of realâ€world evidence research in diabetes: What questions can and cannot be answered and what might be possible in the future?. Diabetes, Obesity and Metabolism, 2020, 22, 21-34.	2.2	16
77	Urban green space and the risks of dementia and stroke. Environmental Research, 2020, 186, 109520.	3.7	56
78	Interactive effect between temperature and fine particulate matter on chronic disease hospital admissions in the urban area of Tianjin, China. International Journal of Environmental Health Research, 2021, 31, 75-84.	1.3	3
79	Impact of air pollution in health and socio-economic aspects: Review on future approach. Materials Today: Proceedings, 2021, 37, 2725-2729.	0.9	16
80	Coal as an energy source and its impacts on human health. Energy Geoscience, 2021, 2, 113-120.	1.3	57
81	Exposure to heavy metals from point pollution sources and risk of incident type 2 diabetes among women: a prospective cohort analysis. International Journal of Environmental Health Research, 2021, 31, 453-464.	1.3	13
82	Temporal Trends in Incidence Rates of Lower Extremity Amputation and Associated Risk Factors Among Patients Using Veterans Health Administration Services From 2008 to 2018. JAMA Network Open, 2021, 4, e2033953.	2.8	53
83	Role of Urban Vegetation. Advances in Public Policy and Administration, 2021, , 231-251.	0.1	0
84	County-Level Contextual Characteristics and Disparities in Life Expectancy. Mayo Clinic Proceedings, 2021, 96, 92-104.	1.4	11
85	Diesel exhaust particles alter the profile and function of the gut microbiota upon subchronic oral administration in mice. Particle and Fibre Toxicology, 2021, 18, 7.	2.8	17
86	Plastic Additives in Ambient Fine Particulate Matter in the Pearl River Delta, China: High-Throughput Characterization and Health Implications. Environmental Science & Technology, 2021, 55, 4474-4482.	4.6	35
87	Understanding linkages between environmental risk factors and noncommunicable diseases—A review. FASEB BioAdvances, 2021, 3, 287-294.	1.3	9
88	Telemedicine and urban diabetes during COVID-19 pandemic in Milano, Italy during lock-down: epidemiological and sociodemographic picture. Acta Diabetologica, 2021, 58, 919-927.	1.2	19
89	The association between maternal exposure to fine particulate matter (PM <sub>2.5</sub> ) and gestational diabetes mellitus (GDM): a prospective birth cohort study in China. Environmental Research Letters, 2021, 16, 055004.	2.2	11
90	Association between perceived environmental pollution and poor sleep quality: results from nationwide general population sample of 162,797 people. Sleep Medicine, 2021, 80, 236-243.	0.8	14

#	Article	IF	CITATIONS
91	Ambient Fine Particulate Matter Air Pollution and Risk of Weight Gain and Obesity in United States Veterans: An Observational Cohort Study. Environmental Health Perspectives, 2021, 129, 47003.	2.8	32
92	High-dimensional characterization of post-acute sequelae of COVID-19. Nature, 2021, 594, 259-264.	13.7	961
93	Ambient PM <sub>2.5</sub> and Related Health Impacts of Spontaneous Combustion of Coal and Coal Gangue. Environmental Science & Contended Science, 2021, 55, 5763-5771.	4.6	16
94	Associations of Reduced Ambient PM2.5 Level With Lower Plasma Glucose Concentration and Decreased Risk of Type 2 Diabetes in Adults: A Longitudinal Cohort Study. American Journal of Epidemiology, 2021, 190, 2148-2157.	1.6	13
95	Relationship between Air Pollutant Exposure and Gynecologic Cancer Risk. International Journal of Environmental Research and Public Health, 2021, 18, 5353.	1.2	13
96	Clinical Implications of Estimated Glomerular Filtration Rate Dip Following Sodiumâ€Glucose Cotransporterâ€2 Inhibitor Initiation on Cardiovascular and Kidney Outcomes. Journal of the American Heart Association, 2021, 10, e020237.	1.6	19
97	Global PM2.5-attributable health burden from 1990 to 2017: Estimates from the Global Burden of disease study 2017. Environmental Research, 2021, 197, 111123.	3.7	129
98	Environmental pollution and diabetes mellitus. World Journal of Meta-analysis, 2021, 9, 234-256.	0.1	1
99	Satellite-derived long-term estimates of full-coverage PM1 concentrations across China based on a stacking decision tree model. Atmospheric Environment, 2021, 255, 118448.	1.9	3
100	PM2.5 and Diabetes in the Japanese Population. International Journal of Environmental Research and Public Health, 2021, 18, 6653.	1.2	11
101	Spatial epidemiology of diabetes: Methods and insights. World Journal of Diabetes, 2021, 12, 1042-1056.	1.3	23
102	Associations of residing greenness and long-term exposure to air pollution with glucose homeostasis markers. Science of the Total Environment, 2021, 776, 145834.	3.9	18
104	Acute effect of particulate matter pollution on hospital admissions for stroke among patients with type 2 diabetes in Beijing, China, from 2014 to 2018. Ecotoxicology and Environmental Safety, 2021, 217, 112201.	2.9	15
105	Traffic-related air pollution, biomarkers of metabolic dysfunction, oxidative stress, and CC16 in children. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 530-537.	1.8	10
106	Analysis of spatiotemporal variation of PM2.5 and its relationship to land use in China. Atmospheric Pollution Research, 2021, 12, 101151.	1.8	20
107	Ambient fine particulate matter air pollution and the risk of hospitalization among COVID-19 positive individuals: Cohort study. Environment International, 2021, 154, 106564.	4.8	70
108	Source profiles and emission factors of organic and inorganic species in fine particles emitted from the ultra-low emission power plant and typical industries. Science of the Total Environment, 2021, 789, 147966.	3.9	11
109	Correlation between total air pollutant emissions and incidence of type 1 diabetes in the Russian Federation. Clinical and Experimental Pediatrics, 2021, 64, 525-530.	0.9	2

#	Article	IF	CITATIONS
110	Type 2 diabetes attributable to PM2.5: A global burden study from 1990 to 2019. Environment International, 2021, 156, 106725.	4.8	35
111	Short-term exposure to ambient air pollution and type 2 diabetes mortality: A population-based time series study. Environmental Pollution, 2021, 289, 117886.	3.7	27
112	Acute effect of particulate matter pollution on hospital admissions for cause-specific respiratory diseases among patients with and without type 2 diabetes in Beijing, China, from 2014 to 2020. Ecotoxicology and Environmental Safety, 2021, 226, 112794.	2.9	5
113	Low-cost Gent type sampler constructed for urban atmospheric aerosol sampling. Environmental Science and Pollution Research, 2021, 28, 59430-59438.	2.7	3
114	Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. Lancet Planetary Health, The, 2021, 5, e39-e49.	5.1	40
115	Eco-Agri-Food Ecology and Human Health. , 2019, , 83-111.		1
116	The global and national burden of chronic kidney disease attributable to ambient fine particulate matter air pollution: a modelling study. BMJ Global Health, 2020, 5, e002063.	2.0	40
117	New approaches to cope with possible harms of low-dose environmental chemicals. Journal of Epidemiology and Community Health, 2019, 73, 193-197.	2.0	19
118	Continuous exposure to ambient air pollution and chronic diseases: prevalence, burden, and economic costs. Reviews on Environmental Health, 2020, 35, 379-399.	1.1	8
119	Air Pollution and Health – A Science-Policy Initiative. Annals of Global Health, 2019, 85, 140.	0.8	15
120	The Gender-Based Differences in Vulnerability to Ambient Air Pollution and Cerebrovascular Disease Mortality: Evidences Based on 26781 Deaths. Global Heart, 2020, 15, 46.	0.9	15
121	Prevalence of Diabetes Mellitus and Exposure to Suspended Particulate Matter. Journal of Health and Pollution, 2019, 9, 190608.	1.8	9
122	Concentrated ambient PM <sub>2.5</sub> exposure affects mice sperm quality and testosterone biosynthesis. PeerJ, 2019, 7, e8109.	0.9	41
123	Estimating Intraâ€Urban Inequities in PM <sub>2.5</sub> â€Attributable Health Impacts: A Case Study for Washington, DC. GeoHealth, 2021, 5, e2021GH000431.	1.9	28
124	Evaluation of associations between estimates of particulate matter exposure and new onset type 2 diabetes in the REGARDS cohort. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 563-570.	1.8	5
125	Association of Ambient Fine Particulate Matter Air Pollution With Kidney Transplant Outcomes. JAMA Network Open, 2021, 4, e2128190.	2.8	9
126	Environmental Health Risk Assessment for Global Climate Change and Atmospheric Greenhouse Gas Pollution. Encyclopedia of the UN Sustainable Development Goals, 2019, , 1-12.	0.0	0
127	Determination of the Concentration of PM10 Particulate Matter in areas of the Universidad del AtlÄ <sub>i</sub> ntico by using a Sensor Arranged in an Unmanned Aerial Vehicle. , 2019, , .		0

#	Article	IF	CITATIONS
128	Environmental Health Risk Assessment for Global Climate Change and Atmospheric Greenhouse Gas Pollution. Encyclopedia of the UN Sustainable Development Goals, 2020, , 413-423.	0.0	2
129	Health Co-benefits of Climate Mitigation Policies: Why Is It So Hard to Convince Policy-Makers of Them and What Can Be Done to Change That?. Springer Climate, 2020, , 227-241.	0.3	1
130	US veterans administration diabetes risk (VADR) national cohort: cohort profile. BMJ Open, 2020, 10, e039489.	0.8	14
131	The mediating role of vascular inflammation in traffic-related air pollution associated changes in insulin resistance in healthy adults. International Journal of Hygiene and Environmental Health, 2022, 239, 113878.	2.1	4
132	Interactions of model airborne particulate matter with dipalmitoyl phosphatidylcholine and a clinical surfactant Calsurf. Journal of Colloid and Interface Science, 2022, 607, 1993-2009.	5.0	3
134	Impact of air pollution exposure on the risk of Alzheimer's disease in China: A community-based cohort study. Environmental Research, 2022, 205, 112318.	3.7	12
135	å·`西的糖尿病——æžç«¯é«~æ,©ä,Žä½é™¢çš"å…³è". Environmental Health Perspectives (Chinese), 202	20,d <b>.</b> Ø8, 03	4008.
136	Burdens of post-acute sequelae of COVID-19 by severity of acute infection, demographics and health status. Nature Communications, 2021, 12, 6571.	5.8	196
137	Impact of polluting fuels for cooking on diabetes mellitus and glucose metabolism in south urban China. Indoor Air, 2022, 32, .	2.0	4
138	Air pollution exposure and incidence of type 2 diabetes in women: A prospective analysis from the Mexican Teachers' Cohort. Science of the Total Environment, 2022, 818, 151833.	3.9	7
139	Pollution and the Heart. New England Journal of Medicine, 2021, 385, 1881-1892.	13.9	121
140	PM2.5 exposure as a risk factor for type 2 diabetes mellitus in the Mexico City metropolitan area. BMC Public Health, 2021, 21, 2087.	1.2	14
141	Physical activity attenuates negative effects of short-term exposure to ambient air pollution on cognitive function. Environment International, 2022, 160, 107070.	4.8	13
142	A review of recent renewable energy status and potentials in Oman. Sustainable Energy Technologies and Assessments, 2022, 51, 101919.	1.7	13
143	Six Air Pollutants Associated With Increased Risk of Thyroid Nodules: A Study of 4.9 Million Chinese Adults. Frontiers in Endocrinology, 2021, 12, 753607.	1.5	12
144	Deposition Modeling of Airborne Particulate Matter on Human Respiratory Tract During Winter Seasons in Arid-Urban Environment. Aerosol Science and Engineering, 2022, 6, 71-85.	1.1	4
146	Physical Exercise in the Context of Air Pollution: An Emerging Research Topic. Frontiers in Physiology, 2022, 13, 784705.	1.3	22

Exposure to source-specific air pollution and risk for type 2 diabetes: a nationwide study covering Denmark. International Journal of Epidemiology, 2022, 51, 1219-1229.

#	Article	IF	CITATIONS
148	Particulate matter (PM) oxidative potential: Measurement methods and links to PM physicochemical characteristics and health effects. Critical Reviews in Environmental Science and Technology, 2023, 53, 177-197.	6.6	12
149	Potential health benefits of eliminating traffic emissions in urban areas. PLoS ONE, 2022, 17, e0264803.	1.1	2
150	In vitro cytotoxicity effects of polycyclic aromatic hydrocarbons (PAHs) associated with PM10 during the Middle Eastern Dust (MED) storms in Ahvaz. Arabian Journal of Geosciences, 2022, 15, 1.	0.6	2
151	PM2.5 induced weight loss of mice through altering the intestinal microenvironment: Mucus barrier, gut microbiota, and metabolic profiling. Journal of Hazardous Materials, 2022, 431, 128653.	6.5	20
152	How long-term air pollution and its metal constituents affect type 2 diabetes mellitus prevalence? Results from Wuhan Chronic Disease Cohort. Environmental Research, 2022, 212, 113158.	3.7	11
155	Oxidative potential of size-segregated particulate matter in the dust-storm impacted Hotan, northwest China. Atmospheric Environment, 2022, 280, 119142.	1.9	5
156	Impact of Air Pollution on Human Capital. , 2021, , 177-190.		0
157	Particulate matter exposure at urban traffic intersection during haze episodes: A case study in Changsha. Science of the Total Environment, 2022, 838, 156006.	3.9	4
158	Health modelling of transport in low-and-middle income countries: A case study of New Delhi, India. Active Travel Studies, 2022, 2, .	0.2	1
160	Back Matter: Appendices A through D and Bibliography. , 2022, , 29-62.		0
161	The dynamics of cardiovascular and respiratory deaths attributed to long-term PM2.5 exposures in global megacities. Science of the Total Environment, 2022, 842, 156951.	3.9	7
162	Four year long simulation of carbonaceous aerosols in India: Seasonality, sources and associated health effects. Environmental Research, 2022, 213, 113676.	3.7	6
163	DNA methylation: a potential mediator between air pollution and metabolic syndrome. Clinical Epigenetics, 2022, 14, .	1.8	20
164	Adenophora Stricta Root Extract Protects Lung Injury from Exposure to Particulate Matter 2.5 in Mice. Antioxidants, 2022, 11, 1376.	2.2	9
165	Burden of diabetes and hyperglycaemia in adults in the Americas, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Diabetes and Endocrinology,the, 2022, 10, 655-667.	5.5	43
166	Sixteen-Year Monitoring of Particulate Matter Exposure in the Parisian Subway: Data Inventory and Compilation in a Database. Atmosphere, 2022, 13, 1061.	1.0	4
167	Air quality in Germany as a contributing factor to morbidity from COVID-19. Environmental Research, 2022, 214, 113896.	3.7	4
168	Black carbon and elemental characterization of PM2.5 in dense traffic areas in two cities in Fiji, a Small Island Developing State. Science of the Total Environment, 2022, 845, 157136.	3.9	0

#	Article	IF	CITATIONS
169	Estimates, trends, and drivers of the global burden of type 2 diabetes attributable to PM2·5 air pollution, 1990–2019: an analysis of data from the Global Burden of Disease Study 2019. Lancet Planetary Health, The, 2022, 6, e586-e600.	5.1	64
170	Air pollution and innovation-evidence from quasi-natural experiment of China's Huai River policy. Review of Quantitative Finance and Accounting, 0, , .	0.8	0
171	Adverse effects of exposure to fine particles and ultrafine particles in the environment on different organisms. Journal of Environmental Sciences, 2024, 135, 449-473.	3.2	7
172	Morphological and Chemical Characterization of Particulate Matter from an Indoor Measuring Campaign. Sustainability, 2022, 14, 11621.	1.6	3
173	Association of diabetes and exposure to fine particulate matter (PM2.5) in the Southeastern United States. , 2022, 4, 100024.		2
174	Climate change and the prevention of cardiovascular disease. American Journal of Preventive Cardiology, 2022, 12, 100391.	1.3	11
175	Climate change, air pollution and human health. Environmental Research Letters, 2022, 17, 100402.	2.2	3
176	Transport infrastructure, CO2 emissions, mortality, and life expectancy in the Global South. Transport Policy, 2022, 128, 243-253.	3.4	13
177	Interactive effects of ambient air pollution and sunshine duration on the risk of intrahepatic cholestasis of pregnancy. Environmental Research, 2022, 215, 114345.	3.7	3
178	Partitioning of reactive oxygen species from indoor surfaces to indoor aerosols. Environmental Sciences: Processes and Impacts, 2022, 24, 2310-2323.	1.7	5
179	Estimating the burden of disease attributable to household air pollution from cooking with solid fuels in South Africa for 2000, 2006 and 2012. South African Medical Journal, 0, , 718-728.	0.2	5
180	Mining biomarkers from routine laboratory tests in clinical records associated with air pollution health risk assessment. Environmental Research, 2023, 216, 114639.	3.7	1
181	Long-term Exposure to Ambient PM2.5 and Its Components Associated With Diabetes: Evidence From a Large Population-Based Cohort From China. Diabetes Care, 2023, 46, 111-119.	4.3	21
182	Long-term residential exposure to source-specific particulate matter and incidence of diabetes mellitus — A cohort study in northern Sweden. Environmental Research, 2023, 217, 114833.	3.7	1
183	The association between ambient particulate matter exposure and the telomere–mitochondrial axis of aging in newborns. Environment International, 2023, 171, 107695.	4.8	4
184	Impact of lowering fine particulate matter from major emission sources on mortality in Canada: A nationwide causal analysis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	4
185	Global attributed burden of death for air pollution: Demographic decomposition and birth cohort effect. Science of the Total Environment, 2023, 860, 160444.	3.9	6
186	Association of air pollution with dementia: a systematic review with meta-analysis including new cohort data from China. Environmental Research, 2023, 223, 115048.	3.7	2

#	Article	IF	CITATIONS
187	GeoSPM: Geostatistical parametric mapping for medicine. Patterns, 2022, 3, 100656.	3.1	2
188	Association of air pollution and fine particulate matter (PM2.5) exposure with gestational diabetes: a systematic review and meta-analysis. Annals of Translational Medicine, 2023, 11, 23-23.	0.7	5
189	Effect of long-term exposure to PM2.5 on the risk of type 2 diabetes and arthritis in type 2 diabetes patients: Evidence from a national cohort in China. Environment International, 2023, 171, 107741.	4.8	4
190	Association of exposure to air pollutants with gestational diabetes mellitus in Chiayi City, Taiwan. Frontiers in Endocrinology, 0, 13, .	1.5	Ο
191	Prediction of diabetes prescription volumes of various geographies using regression techniques. Health Informatics Journal, 2023, 29, 146045822311535.	1.1	0
192	The National Clinical Care Commission Report to Congress: Background, Methods, and Foundational Recommendations. Diabetes Care, 2023, 46, e14-e23.	4.3	5
193	Hepatoprotective Effect of Morin Hydrate in Type 2 Diabetic Wistar Rats Exposed to Diesel Exhaust Particles. Applied Biochemistry and Biotechnology, 0, , .	1.4	1
194	State of the science on outdoor air pollution exposure and liver cancer risk. Environmental Advances, 2023, 11, 100354.	2.2	2
195	PM2.5 and Cardiovascular Health Risks. Current Problems in Cardiology, 2023, 48, 101670.	1.1	20
196	Spatio-temporal variations of PM2.5 concentrations and related premature deaths in Asia, Africa, and Europe from 2000 to 2018. Environmental Impact Assessment Review, 2023, 99, 107046.	4.4	6
197	Do Air Pollution and Climate Matter for Health?. , 2023, , 11-15.		0
199	Lung versus gut exposure to air pollution particles differentially affect metabolic health in mice. Particle and Fibre Toxicology, 2023, 20, .	2.8	2
201	Investigation of PM2.5-bound Polycyclic aromatic hydrocarbons (PAHs) and their derivatives (nitrated-PAHs and oxygenated-PAHs) in the roadside environment at the eastern coastal region of China: characterization, source identification, and toxicity evaluation. Air Quality, Atmosphere and Health, 0, , .	1.5	0
202	Particulate air pollution exaggerates diet-induced insulin resistance through NLRP3 inflammasome in mice. Environmental Pollution, 2023, 328, 121603.	3.7	5