Short-Term Effects of Ambient Ozone, PM2.5, and Mete Confirmed Cases and Deaths in Queens, New York

International Journal of Environmental Research and Public He 17, 4047

DOI: 10.3390/ijerph17114047

Citation Report

#	Article	IF	CITATIONS
1	The role of air pollution (PM and NO2) in COVID-19 spread and lethality: A systematic review. Environmental Research, 2020, 191, 110129.	3.7	274
2	Effects of long-term exposure to air pollutants on the spatial spread of COVID-19 in Catalonia, Spain. Environmental Research, 2020, 191, 110177.	3.7	45
3	Aerosol Transmission of SARS-CoV-2: Physical Principles and Implications. Frontiers in Public Health, 2020, 8, 590041.	1.3	111
4	The Effects of Air Pollution on COVID-19 Infection and Mortality—A Review on Recent Evidence. Frontiers in Public Health, 2020, 8, 580057.	1.3	116
5	COVID-19 infections and fatalities developments: empirical evidence for OECD countries and newly industrialized economies. International Economics and Economic Policy, 2020, 17, 801-847.	1.0	15
6	Can We Vacuum Our Air Pollution Problem Using Smog Towers?. Atmosphere, 2020, 11, 922.	1.0	15
7	SARSâ€CoVâ€2 infection, COVIDâ€19 pathogenesis, and exposure to air pollution: What is the connection?. Annals of the New York Academy of Sciences, 2021, 1486, 15-38.	1.8	100
8	Association between climatic variables and COVID-19 pandemic in National Capital Territory of Delhi, India. Environment, Development and Sustainability, 2021, 23, 9514-9528.	2.7	25
9	Effects of air pollution on the potential transmission and mortality of COVID-19: A preliminary case-study in Tarragona Province (Catalonia, Spain). Environmental Research, 2021, 192, 110315.	3.7	53
10	Air pollution, sociodemographic and health conditions effects on COVID-19 mortality in Colombia: An ecological study. Science of the Total Environment, 2021, 756, 144020.	3.9	33
11	Contamination of inert surfaces by SARS-CoV-2: Persistence, stability and infectivity. A review. Environmental Research, 2021, 193, 110559.	3.7	127
12	Independent association of meteorological characteristics with initial spread of Covid-19 in India. Science of the Total Environment, 2021, 764, 142801.	3.9	25
13	Critical Review and Research Needs of Ozone Applications Related to Virus Inactivation: Potential Implications for SARS-CoV-2. Ozone: Science and Engineering, 2021, 43, 2-20.	1.4	31
14	Impact of COVID-19 lockdown on NO2, O3, PM2.5 and PM10 concentrations and assessing air quality changes in Baghdad, Iraq. Science of the Total Environment, 2021, 754, 141978.	3.9	137
15	Environment—lockdown, air pollution and related diseases: could we learn something and make it last?. European Journal of Public Health, 2021, 31, iv36-iv39.	0.1	4
16	COVID-19 impact on air quality and associated elements: knowledge data of the Emirate of Ajman â~' UAE. Renewable Energy and Environmental Sustainability, 2021, 6, 15.	0.7	2
18	Respiratory Sex Differences in Response to Smoke Exposure. Physiology in Health and Disease, 2021, , 291-321.	0.2	2
19	Effects of Demographic and Weather Parameters on COVID-19 Basic Reproduction Number. Frontiers in Ecology and Evolution, 2021, 8, .	1.1	23

# 20	ARTICLE Relationship between COVID-19 infection rates and air pollution, geo-meteorological, and social parameters. Environmental Monitoring and Assessment, 2021, 193, 29.	IF 1.3	CITATIONS 32
21	The impact of outdoor air pollution on COVID-19: a review of evidence from <i>in vitro</i> , animal, and human studies. European Respiratory Review, 2021, 30, 200242.	3.0	150
23	Data-related and methodological obstacles to determining associations between temperature and COVID-19 transmission. Environmental Research Letters, 2021, 16, 034016.	2.2	11
24	Impact of a longâ€term air pollution exposure on the case fatality rate of COVIDâ€19 patients—A multicity study. Journal of Medical Virology, 2021, 93, 2938-2946.	2.5	14
25	Meteorological factors, COVID-19 cases, and deaths in top 10 most affected countries: an econometric investigation. Environmental Science and Pollution Research, 2021, 28, 28624-28639.	2.7	25
26	Can COVID-19 and environmental research in developing countries support these countries to meet the environmental challenges induced by the pandemic?. Environmental Science and Pollution Research, 2021, 28, 41296-41316.	2.7	16
27	Bidirectional association between COVID-19 and the environment: A systematic review. Environmental Research, 2021, 194, 110692.	3.7	84
28	Do air pollutants as well as meteorological factors impact Corona Virus Disease 2019 (COVID-19)? Evidence from China based on the geographical perspective. Environmental Science and Pollution Research, 2021, 28, 35584-35596.	2.7	26
30	Vulnerability and Burden of All-Cause Mortality Associated with Particulate Air Pollution during COVID-19 Pandemic: A Nationwide Observed Study in Italy. Toxics, 2021, 9, 56.	1.6	8
32	Lag Effects of Ozone, PM2.5, and Meteorological Factors on COVID-19 New Cases at the Disease Epicenter in Queens, New York. Atmosphere, 2021, 12, 357.	1.0	6
33	Higher Temperatures, Higher Solar Radiation, and Less Humidity Is Associated With Poor Clinical and Laboratory Outcomes in COVID-19 Patients. Frontiers in Public Health, 2021, 9, 618828.	1.3	5
34	The ground-level ozone concentration is inversely correlated with the number of COVID-19 cases in Warsaw, Poland. Air Quality, Atmosphere and Health, 2021, 14, 1169-1173.	1.5	6
35	Within-City Variation in Reactive Oxygen Species from Fine Particle Air Pollution and COVID-19. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 168-177.	2.5	17
36	Exposure to air pollution and COVIDâ€19 severity: A review of current insights, management, and challenges. Integrated Environmental Assessment and Management, 2021, 17, 1114-1122.	1.6	20
37	Travelling to polluted cities: a systematic review on the harm of air pollution on international travellers' health. Journal of Travel Medicine, 2021, 28, .	1.4	8
38	Acute and chronic exposure to air pollution in relation with incidence, prevalence, severity and mortality of COVID-19: a rapid systematic review. Environmental Health, 2021, 20, 41.	1.7	43
39	An updated systematic review on the association between atmospheric particulate matter pollution and prevalence of SARS-CoV-2. Environmental Research, 2021, 195, 110898.	3.7	62
40	COVID-19 and the Environment, Review and Analysis. Environments - MDPI, 2021, 8, 42.	1.5	4

CITATION REPORT

CITATION REPORT

#	Article	IF	CITATIONS
41	Impact of the inversion and air pollution on the number of patients with Covid-19 in the metropolitan city of Tehran. Urban Climate, 2021, 37, 100867.	2.4	7
42	Emerging role of air pollution and meteorological parameters in COVIDâ€19. Journal of Evidence-Based Medicine, 2021, 14, 123-138.	0.7	12
43	The Correlation Between COVID-19 Activities and Climate Factors in Different Climate Types Areas. Journal of Occupational and Environmental Medicine, 2021, 63, e533-e541.	0.9	1
44	An Italian individual-level data study investigating on the association between air pollution exposure and Covid-19 severity in primary-care setting. BMC Public Health, 2021, 21, 902.	1.2	29
45	Social, economic, and environmental factors influencing the basic reproduction number of COVID-19 across countries. PLoS ONE, 2021, 16, e0252373.	1.1	47
46	Association between air pollution in Lima and the high incidence of COVID-19: findings from a post hoc analysis. BMC Public Health, 2021, 21, 1161.	1.2	37
47	Role of atmospheric particulate matter exposure in COVID-19 and other health risks in human: A review. Environmental Research, 2021, 198, 111281.	3.7	39
48	A Descriptive Analysis of the Scientific Literature on Meteorological and Air Quality Factors and COVIDâ€19. GeoHealth, 2021, 5, e2020GH000367.	1.9	5
49	Lagged meteorological impacts on COVID-19 incidence among high-risk counties in the United States—a spatiotemporal analysis. Journal of Exposure Science and Environmental Epidemiology, 2021, , .	1.8	10
50	Effects of air pollution and climatology on COVID-19 mortality in Spain. Air Quality, Atmosphere and Health, 2021, 14, 1869-1875.	1.5	15
51	COVID19 outbreak in Lombardy, Italy: An analysis on the short-term relationship between air pollution, climatic factors and the susceptibility to SARS-CoV-2 infection. Environmental Research, 2021, 198, 111197.	3.7	29
52	The impact of air pollution on COVID-19 pandemic varied within different cities in South America using different models. Environmental Science and Pollution Research, 2022, 29, 543-552.	2.7	6
53	The association between air pollution and COVID-19 related mortality in Santiago, Chile: A daily time series analysis. Environmental Research, 2021, 198, 111284.	3.7	28
54	An Overview: The Effects of Particulate Matters, an Important Atmospheric Pollutant, on the Spread of Covid19. Jurnal Kesehatan Lingkungan, 2021, 13, 159.	0.1	0
55	Air pollution and the pandemic: Longâ€ŧerm <scp>PM_{2.5}</scp> exposure and disease severity in <scp>COVID</scp> â€19 patients. Respirology, 2021, 26, 1181-1187.	1.3	41
56	PM2.5, NO2, wildfires, and other environmental exposures are linked to higher Covid 19 incidence, severity, and death rates. Environmental Science and Pollution Research, 2021, 28, 54429-54447.	2.7	20
57	Methodological limitations in studies assessing the effects of environmental and socioeconomic variables on the spread of COVID-19: a systematic review. Environmental Sciences Europe, 2021, 33, 108.	2.6	12
59	Meteorological parameters and cases of COVID-19 in Brazilian cities: an observational study. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 14-28.	1.1	3

CITATION REPORT

#	Article	IF	CITATIONS
60	COVID-19 in New York state: Effects of demographics and air quality on infection and fatality. Science of the Total Environment, 2022, 807, 150536.	3.9	8
61	Pollution atmosphérique et infections virales. Annales Des Mines - Responsabilité Et Environnement, 2021, Nº 104, 36-41.	0.1	Ο
62	PM2.5 as a major predictor of COVID-19 basic reproduction number in the USA. Environmental Research, 2021, 201, 111526.	3.7	24
63	Surface contamination with SARS-CoV-2: A systematic review. Science of the Total Environment, 2021, 798, 149231.	3.9	48
64	Ambient air pollution and COVID-19 risk: Evidence from 35 observational studies. Environmental Research, 2022, 204, 112065.	3.7	39
65	Sex and Gender Differences in the Susceptibility to Environmental Exposures. Physiology in Health and Disease, 2021, , 251-290.	0.2	5
71	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. Nature Communications, 2021, 12, 5968.	5.8	66
72	Effect of short-term exposure to air pollution on COVID-19 mortality and morbidity in Iranian cities. Journal of Environmental Health Science & Engineering, 2021, 19, 1807-1816.	1.4	11
73	Short-term air pollution exposure and COVID-19 infection in the United States. Environmental Pollution, 2022, 292, 118369.	3.7	31
74	How Is COVID-19 Affected by Weather? Metaregression of 158 Studies and Recommendations for Best Practices in Future Research. Weather, Climate, and Society, 2022, 14, 237-255.	0.5	14
78	COVID-19 severity determinants inferred through ecological and epidemiological modeling. One Health, 2021, 13, 100355.	1.5	9
79	Short-term association between COVID-19 related deaths, hospitalized patients and air pollution during the first lockdown in the four largest cities in Germany. International Journal of Environmental Studies, 0, , 1-16.	0.7	0
80	Rapid Control of a SARS-CoV-2 B.1.617.2 (Delta) Variant COVID-19 Community Outbreak: The Successful Experience in Pingtung County of Taiwan. International Journal of Environmental Research and Public Health, 2022, 19, 1421.	1.2	10
81	Assessing the Impacts of Human Activities on Air Quality during the COVID-19 Pandemic through Case Analysis. Atmosphere, 2022, 13, 181.	1.0	3
82	Examining the status of forest fire emission in 2020 and its connection to COVID-19 incidents in West Coast regions of the United States. Environmental Research, 2022, 210, 112818.	3.7	16
83	Exposure Risk of Global Surface O3 During the Boreal Spring Season. Exposure and Health, 2022, 14, 431-446.	2.8	9
84	Transmission of COVID-19 pandemic (Turkey) associated with short-term exposure of air quality and climatological parameters. Environmental Science and Pollution Research, 2022, 29, 41695-41712.	2.7	6
85	Acute health impact of wildfire-related and conventional PM2.5 in the United States: A narrative review. Environmental Advances, 2023, 12, 100179.	2.2	8

#	Article	IF	CITATIONS
86	The Effect of Coronavirus 2019 Disease Control Measures on the Incidence of Respiratory Infectious Disease and Air Pollutant Concentrations in the Yangtze River Delta Region, China. International Journal of Environmental Research and Public Health, 2022, 19, 1286.	1.2	7
87	Ambient air pollution and COVID-19 incidence during four 2020–2021 case surges. Environmental Research, 2022, 208, 112758.	3.7	27
88	Are Stringent Containment and Closure Policies Associated with a Lower COVID-19 Spread Rate? Global Evidence. International Journal of Environmental Research and Public Health, 2022, 19, 1725.	1.2	4
89	City-level greenness exposure is associated with COVID-19 incidence in China. Environmental Research, 2022, 209, 112871.	3.7	13
90	å\$气环境å¯1SARS-CoV-2伿'的影å"ç"究进展. Chinese Science Bulletin, 2022, , .	0.4	1
91	The Impact of COVID-19 Related Changes on Air Quality in Birmingham, Alabama, United States. International Journal of Environmental Research and Public Health, 2022, 19, 3168.	1.2	1
92	Short-term exposure to ambient air pollution and individual emergency department visits for COVID-19: a case-crossover study in Canada. Thorax, 2023, 78, 459-466.	2.7	14
93	COVID-19 mortality rates in South America related to environmental factors. International Journal of Environmental Studies, 0, , 1-21.	0.7	0
94	Transmission of SARS-CoV-2 Indoor and Outdoor Environments. Atmosphere, 2021, 12, 1640.	1.0	6
95	Association of population migration with air quality: Role of city attributes in China during COVID-19 pandemic (2019–2021). Atmospheric Pollution Research, 2022, 13, 101419.	1.8	6
96	ZIP Code-Level Estimation of Air Quality and Health Risk Due to Particulate Matter Pollution in New York City. Environmental Science & Technology, 2022, 56, 7119-7130.	4.6	17
97	Mortality due to COVID-19 in Spain and its association with environmental factors and determinants of health. Environmental Sciences Europe, 2022, 34, 39.	2.6	3
98	Relationship between Meteorological and Air Quality Parameters and COVID-19 in Casablanca Region, Morocco. International Journal of Environmental Research and Public Health, 2022, 19, 4989.	1.2	6
99	An assessment of meteorological parameters effects on COVID-19 pandemic in Bangladesh using machine learning models. Environmental Science and Pollution Research, 2022, 29, 67103-67114.	2.7	8
100	Wildfire-induced pollution and its short-term impact on COVID-19 cases and mortality in California. Gondwana Research, 2023, 114, 30-39.	3.0	15
101	Elucidating the role of environmental management of forests, air quality, solid waste and wastewater on the dissemination of SARS-CoV-2. , 2022, 3, 100006.		4
102	Ambient Air Pollutant Exposures and COVID-19 Severity and Mortality in a Cohort of Patients with COVID-19 in Southern California. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 440-448.	2.5	33
103	Poisson regression-ratio estimators of the population mean under double sampling, with application to Covid-19. Mathematical Population Studies, 2022, 29, 226-240.	0.8	4

#	Article	IF	CITATIONS
104	Decision-making framework for identifying regions vulnerable to transmission of COVID-19 pandemic. Computers and Industrial Engineering, 2022, 169, 108207.	3.4	14
105	Modeling and Preliminary Analysis of the Impact of Meteorological Conditions on the COVID-19 Epidemic. International Journal of Environmental Research and Public Health, 2022, 19, 6125.	1.2	4
106	True Reduction in the Air Pollution Levels in the Community of Madrid During the COVID-19 Lockdown. Frontiers in Sustainable Cities, 2022, 4, .	1.2	2
108	Factores ambientales en la transmisión del SARS-CoV-2/COVID 19: panorama mundial y colombiano. Revista De La Universidad Industrial De Santander Salud, 2021, 53, .	0.0	1
109	Association between long-term exposure to particulate air pollution with SARS-CoV-2 infections and COVID-19 deaths in California, U.S.A Environmental Advances, 2022, 9, 100270.	2.2	11
110	Impact of the COVID-19 Pandemic on Air Quality in Metropolitan New Jersey. Water, Air, and Soil Pollution, 2022, 233, .	1.1	0
111	Data-Driven Prediction of COVID-19 Daily New Cases through a Hybrid Approach of Machine Learning Unsupervised and Deep Learning. Atmosphere, 2022, 13, 1205.	1.0	0
112	Initially High Correlation between Air Pollution and COVID-19 Mortality Declined to Zero as the Pandemic Progressed: There Is No Evidence for a Causal Link between Air Pollution and COVID-19 Vulnerability. International Journal of Environmental Research and Public Health, 2022, 19, 10000.	1.2	5
113	Ambient PM2.5 and O3 pollution and health impacts in Iranian megacity. Stochastic Environmental Research and Risk Assessment, 2023, 37, 175-184.	1.9	16
114	Association between short-term exposure to air pollution and COVID-19 mortality in all German districts: the importance of confounders. Environmental Sciences Europe, 2022, 34, .	2.6	1
115	Correlation between COVID-19 and weather variables: A meta-analysis. Heliyon, 2022, 8, e10333.	1.4	4
116	The Association of Seasonal Variations and COVID-19 Clinical Features: A Comparative Study on the Fourth and Fifth Waves. International Journal of Clinical Practice, 2022, 2022, 1-7.	0.8	0
117	Assessing the effect of COVID-19 pandemic on air quality change and human health outcomes in a capital city, southwestern Iran. International Journal of Environmental Health Research, 0, , 1-12.	1.3	3
119	Synergistic Effects of Environmental Factors on the Spread of Corona Virus. Springer Series on Bio- and Neurosystems, 2022, , 677-695.	0.2	0
120	Environmental Impacts on Infectious Disease: A Literature View of Epidemiological Evidence. Annals of Global Health, 2022, 88, .	0.8	5
121	Pandemic COVID-19 and environmental pollution (literature review). Gigiena I Sanitariia, 2022, 101, 1023-1028.	0.1	0
122	The Relative Roles of Ambient Temperature and Mobility Patterns in Shaping the Transmission Heterogeneity of SARS-CoV-2 in Japan. Viruses, 2022, 14, 2232.	1.5	3
123	Association Between Air Pollution, Climate Change, and COVID-19 Pandemic: A Review of the Recent Scientific Evidence. Health Scope, 2022, 11, .	0.4	0

	Сітат	CITATION REPORT	
#	Article	IF	Citations
124	Lockdown Amid COVID-19 Ascendancy over Ambient Particulate Matter Pollution Anomaly. International Journal of Environmental Research and Public Health, 2022, 19, 13540.	1.2	8
125	Visualization and Analysis of Air Pollution and Human Health Based on Cluster Analysis: A Bibliometric Review from 2001 to 2021. International Journal of Environmental Research and Public Health, 2022, 19, 12723.	1.2	2
126	Effects of short-term and long-term exposure to ambient air pollution and temperature on long recovery duration in COVID-19 patients. Environmental Research, 2023, 216, 114781.	3.7	7
127	COVID-19 Outbreak Related to PM10, PM2.5, Air Temperature and Relative Humidity in Ahvaz, Iran. Dr Sulaiman Al Habib Medical Journal, 2022, 4, 182-195.	0.3	3
128	Environmentally persistent free radicals enhance SARS-CoV-2 replication in respiratory epithelium. Experimental Biology and Medicine, 2023, 248, 271-279.	1.1	3
129	Air pollution and respiratory infections: the past, present, and future. Toxicological Sciences, 2023, 192, 3-14.	1.4	7
130	The association of demographic and socioeconomic factors with COVID-19 during pre- and post-vaccination periods: A cross-sectional study of Virginia. Medicine (United States), 2023, 102, e32607.	0.4	0
131	Association between long-term air pollution exposure and COVID-19 mortality in Latin America. PLoS ONE, 2023, 18, e0280355.	1.1	4
132	The Relationship between the Transmission of Different SARS-CoV-2 Strains and Air Quality: A Case Study in China. International Journal of Environmental Research and Public Health, 2023, 20, 1943.	1.2	1
133	Heterogeneous Learning of Functional Clustering Regression and Application to Chinese Air Pollution Data. International Journal of Environmental Research and Public Health, 2023, 20, 4155.	1.2	0
134	Spatial shifting of COVID-19 clusters and disease association with environmental parameters in India: A time series analysis. Environmental Research, 2023, 222, 115288.	3.7	3
136	Severe Acute Respiratory Syndrome and Particulate Matter Exposure: A Systematic Review. Life, 2023, 13 538.	^{3,} 1.1	1
137	A large-scale machine learning study of sociodemographic factors contributing to COVID-19 severity. Frontiers in Big Data, 0, 6, .	1.8	2
138	Early-phase pandemic in Italy: Covid-19 spread determinant factors. Heliyon, 2023, 9, e15358.	1.4	0