Assessing nitrogen dioxide (NO2) levels as a contributin (COVID-19) fatality

Science of the Total Environment

726, 138605

DOI: 10.1016/j.scitotenv.2020.138605

Citation Report

#	Article	IF	Citations
1	Bad Air Can Also Kill: Residential Indoor Air Quality and Pollutant Exposure Risk during the COVID-19 Crisis. International Journal of Environmental Research and Public Health, 2020, 17, 7183.	1.2	92
2	The relationship between air pollution and COVID-19-related deaths: An application to three French cities. Applied Energy, 2020, 279, 115835.	5.1	157
3	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
4	Agricultural labor, COVID-19, and potential implications for food security and air quality in the breadbasket of India. Agricultural Systems, 2020, 185, 102954.	3.2	58
5	Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States. Innovation(China), 2020, 1, 100047.	5.2	177
6	Investigating the Significance of Aerosols in Determining the Coronavirus Fatality Rate Among Three European Countries. Earth Systems and Environment, 2020, 4, 513-522.	3.0	19
7	Community venue exposure risk estimator for the COVID-19 pandemic. Health and Place, 2020, 66, 102450.	1.5	25
8	With Corona Outbreak: Nature Started Hitting the Reset Button Globally. Frontiers in Public Health, 2020, 8, 569353.	1.3	20
9	Spread of COVID-19, Meteorological Conditions and Air Quality in the City of Buenos Aires, Argentina: Two Facets Observed during Its Pandemic Lockdown. Atmosphere, 2020, 11, 1045.	1.0	31
10	Air quality variations in Northern South America during the COVID-19 lockdown. Science of the Total Environment, 2020, 749, 141621.	3.9	60
11	Modelling and predicting the spatio-temporal spread of COVID-19 in Italy. BMC Infectious Diseases, 2020, 20, 700.	1.3	84
12	â€œAcute Myocardial Infarction in the Time of COVID-19â€: A Review of Biological, Environmental, and Psychosocial Contributors. International Journal of Environmental Research and Public Health, 2020, 17, 7371.	1.2	18
13	COVID-19 and environmental -weather markers: Unfolding baseline levels and veracity of linkages in tropical India. Environmental Research, 2020, 191, 110121.	3.7	24
14	COVID-19 and urban vulnerability in India. Habitat International, 2020, 103, 102230.	2.3	119
15	Immunopathological features of air pollution and its impact on inflammatory airway diseases (IAD). World Allergy Organization Journal, 2020, 13, 100467.	1.6	29
16	Linkages Between Air Pollution and the Health Burden From COVID-19: Methodological Challenges and Opportunities. American Journal of Epidemiology, 2020, 189, 1238-1243.	1.6	39
17	COVID-19 and the environment: A critical review and research agenda. Science of the Total Environment, 2020, 745, 141022.	3.9	228
18	Drugs targeting various stages of the SARS-CoV-2 life cycle: Exploring promising drugs for the treatment of Covid-19. Cellular Signalling, 2020, 74, 109721.	1.7	105

#	Article	IF	Citations
19	Particulate matter (PM10) enhances RNA virus infection through modulation of innate immune responses. Environmental Pollution, 2020, 266, 115148.	3.7	39
20	Exposure to Nitrogen Dioxide (NO2) from Vehicular Emission Could Increase the COVID-19 Pandemic Fatality in India: A Perspective. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 198-204.	1.3	35
21	Reductions in mortality resulting from reduced air pollution levels due to COVID-19 mitigation measures. Science of the Total Environment, 2020, 744, 141012.	3.9	54
22	Climate change and pandemics: New challenges for science and technology. Drying Technology, 2020, 38, 1391-1392.	1.7	4
23	Geospatial Analysis of Environmental Atmospheric Risk Factors in Neurodegenerative Diseases: A Systematic Review. International Journal of Environmental Research and Public Health, 2020, 17, 8414.	1.2	7
24	Learning to Manage the Multirisk World. Risk Analysis, 2020, 40, 2137-2143.	1.5	2
25	The Effects of Air Pollution on COVID-19 Infection and Mortalityâ€"A Review on Recent Evidence. Frontiers in Public Health, 2020, 8, 580057.	1.3	116
26	Lessons learned and questions raised during and post-COVID-19 anthropopause period in relation to the environment and climate. Environment, Development and Sustainability, 2021, 23, 10623-10645.	2.7	7
27	Coronavirus Disease 2019 (COVID-19): A Modeling Study of Factors Driving Variation in Case Fatality Rate by Country. International Journal of Environmental Research and Public Health, 2020, 17, 8189.	1.2	21
28	An ecological analysis of long-term exposure to PM2.5 and incidence of COVID-19 in Canadian health regions. Environmental Research, 2020, 191, 110052.	3.7	64
29	Influence of Absolute Humidity, Temperature and Population Density on COVID-19 Spread and Decay Durations: Multi-Prefecture Study in Japan. International Journal of Environmental Research and Public Health, 2020, 17, 5354.	1.2	75
30	Effects of Physical Distancing to Control COVID-19 on Public Health, the Economy, and the Environment. Environmental and Resource Economics, 2020, 76, 705-729.	1.5	41
31	Understanding air and water borne transmission and survival of coronavirus: Insights and way forward for SARS-CoV-2. Science of the Total Environment, 2020, 749, 141486.	3.9	45
32	Suggestions for a Covid-19 Post-Pandemic Research Agenda in Environmental Economics. Environmental and Resource Economics, 2020, 76, 1187-1213.	1.5	43
33	Region-specific air pollutants and meteorological parameters influence COVID-19: A study from mainland China. Ecotoxicology and Environmental Safety, 2020, 204, 111035.	2.9	46
34	Correlation between COVID-19 Morbidity and Mortality Rates in Japan and Local Population Density, Temperature, and Absolute Humidity. International Journal of Environmental Research and Public Health, 2020, 17, 5477.	1.2	88
35	Particulate matter pollution and the COVID-19 outbreak: results from Italian regions and provinces. Archives of Medical Science, 2020, 16, 985-992.	0.4	64
36	The Effects of Air Pollution on COVID-19 Related Mortality in Northern Italy. Environmental and Resource Economics, 2020, 76, 611-634.	1.5	147

#	Article	IF	Citations
37	Air Pollution Exposure and Covid-19 in Dutch Municipalities. Environmental and Resource Economics, 2020, 76, 581-610.	1.5	158
38	PM2.5 diminution and haze events over Delhi during the COVID-19 lockdown period: an interplay between the baseline pollution and meteorology. Scientific Reports, 2020, 10, 13442.	1.6	75
39	Rethinking Air Quality and Climate Change after COVID-19. International Journal of Environmental Research and Public Health, 2020, 17, 5167.	1.2	57
40	COVID-19 Pandemic and City-Level Nitrogen Dioxide (NO2) Reduction for Urban Centres of India. Journal of the Indian Society of Remote Sensing, 2020, 48, 999-1006.	1.2	41
41	Environment and COVID-19: Pollutants, impacts, dissemination, management and recommendations for facing future epidemic threats. Science of the Total Environment, 2020, 747, 141314.	3.9	107
42	COVID, CITIES and CLIMATE: Historical Precedents and Potential Transitions for the New Economy. Urban Science, 2020, 4, 32.	1.1	64
43	Spread of SARS-CoV-2 through Latin America and the Caribbean region: A look from its economic conditions, climate and air pollution indicators. Environmental Research, 2020, 191, 109938.	3.7	92
44	Air quality development during the COVID-19 pandemic over a medium-sized urban area in Thailand. Science of the Total Environment, 2020, 746, 141320.	3.9	67
45	COVID-19 -Tuberculosis interactions: When dark forces collide. Indian Journal of Tuberculosis, 2020, 67, S155-S162.	0.3	47
46	Response to the commentary by Pisoni E. and Van Dingenen R. on â€˜Assessing nitrogen dioxide (NO2) levels as a contributing factor to coronavirus (COVID-19) fatalityâ€™. Science of the Total Environment, 2020, 738, 140672.	3.9	3
47	Changes of NOx in urban air detected with monitoring VIS-NIR field spectrometer during the coronavirus pandemic: A case study in Germany. Science of the Total Environment, 2020, 748, 141286.	3.9	10
48	Managing Soils for Recovering from the COVID-19 Pandemic. Soil Systems, 2020, 4, 46.	1.0	51
49	NO2 levels after the COVID-19 lockdown in Ecuador: A trade-off between environment and human health. Urban Climate, 2020, 34, 100674.	2.4	42
50	What Policies Address Both the Coronavirus Crisis and the Climate Crisis?. Environmental and Resource Economics, 2020, 76, 789-810.	1.5	42
52	Sustainability can start with a garden!. International Journal of Tourism Cities, 2021, 7, 887-894.	1.2	3
53	Impacts of short-term lockdown during COVID-19 on air quality in Egypt. Egyptian Journal of Remote Sensing and Space Science, 2021, 24, 493-500.	1.1	14
54	The impact of air pollution on the incidence and mortality of COVID-19. Global Health Research and Policy, 2020, 5, 39.	1.4	26
55	The pandemic COVID-19: a tale of viremia, cellular oxidation and immune dysfunction. Pan African Medical Journal, 2020, 36, 188.	0.3	8

#	Article	IF	Citations
56	Review of Geospatial Technology for Infectious Disease Surveillance: Use Case on COVID-19. Journal of the Indian Society of Remote Sensing, 2020, 48, 1121-1138.	1.2	37
57	Methodological Considerations for Epidemiological Studies of Air Pollution and the SARS and COVID-19 Coronavirus Outbreaks. Environmental Health Perspectives, 2020, 128, 95001.	2.8	130
58	Coronavirus pandemic (COVID-19) and its natural environmental impacts. International Journal of Environmental Science and Technology, 2020, 17, 4655-4666.	1.8	127
59	No small matter: a perspective on nanotechnology-enabled solutions to fight COVID-19. Nanomedicine, 2020, 15, 2411-2427.	1.7	19
60	Regionalizing & Partitioning Africaâ€™s Coronavirus (COVID-19) Fatalities Using Environmental Factors and Underlying Health Conditions for Social-economic Impacts. , 2020, , .		2
61	Air Pollution Is Associated with COVID-19 Incidence and Mortality in Vienna, Austria. International Journal of Environmental Research and Public Health, 2020, 17, 9275.	1.2	30
62	Air pollution, COVID-19, and tuberculosis interrelationship. Indian Journal of Tuberculosis, 2020, 67, 281-283.	0.3	3
63	Integrating in situ Measurements and City Scale Modelling to Assess the COVIDâ€“19 Lockdown Effects on Emissions and Air Quality in Athens, Greece. Atmosphere, 2020, 11, 1174.	1.0	45
64	Nitrogen Dioxide (NO2) Pollution Monitoring with Sentinel-5P Satellite Imagery over Europe during the Coronavirus Pandemic Outbreak. Remote Sensing, 2020, 12, 3575.	1.8	87
65	COVID-19 case-fatality rate and demographic and socioeconomic influencers: worldwide spatial regression analysis based on country-level data. BMJ Open, 2020, 10, e043560.	0.8	139
66	COVID-19 and Climate Change: A Tale of Two Global Problems. Sustainability, 2020, 12, 8560.	1.6	37
67	Letter to the Editor: Mechanisms of increased morbidity and mortality of SARS-CoV-2 infection in individuals with diabetes: what this means for an effective management strategy. Metabolism: Clinical and Experimental, 2020, 108, 154254.	1.5	16
68	An environmental and health perspective for COVID-19 outbreak: Meteorology and air quality influence, sewage epidemiology indicator, hospitals disinfection, drug therapies and recommendations. Journal of Environmental Chemical Engineering, 2020, 8, 104006.	3.3	171
69	Effects of air pollutants on the transmission and severity of respiratory viral infections. Environmental Research, 2020, 187, 109650.	3.7	241
70	COVID-19: air pollution remains low as people stay at home. Air Quality, Atmosphere and Health, 2020, 13, 853-857.	1.5	215
71	Letter to editor regarding Ogen Y 2020 paper: â€œAssessing nitrogen dioxide (NO2) levels as a contributing factor to coronavirus (COVID-19) fatalityâ€• Science of the Total Environment, 2020, 740, 139236.	3.9	11
72	COVID-19 pandemic persuaded lockdown effects on environment over stone quarrying and crushing areas. Science of the Total Environment, 2020, 732, 139281.	3.9	149
73	Impact of COVID-19 outbreak measures of lockdown on the Italian Carbon Footprint. Science of the Total Environment, 2020, 737, 139806.	3.9	109

#	Article	IF	Citations
74	COVIDâ€19, internists and resilience: the northâ€south Italy outbreak. European Journal of Clinical Investigation, 2020, 50, e13299.	1.7	13
75	Response to the commentary by Alexandra A. Chudnovsky on â€˜Assessing nitrogen dioxide (NO) levels as a contributing factor to coronavirus (COVID-19) fatalityâ€™. Science of the Total Environment, 2020, 740, 139239.	3.9	8
76	SARS-CoV-2 infection and air pollutants: Correlation or causation?. Science of the Total Environment, 2020, 734, 139489.	3.9	26
77	SARS-CoV-2 epidemic: changes in air quality during the lockdown in Zagreb (Republic of Croatia). Toxicological and Environmental Chemistry, 2020, 102, 302-303.	0.6	3
78	Understanding COVID-19 diffusion requires an interdisciplinary, multi-dimensional approach. Environmental Research, 2020, 188, 109814.	3.7	117
79	Particulate Matter and COVID-19 Disease Diffusion in Emilia-Romagna (Italy). Already a Cold Case?. Computation, 2020, 8, 59.	1.0	23
80	Comment to the paper â€œAssessing nitrogen dioxide (NO2) levels as a contributing factor to coronavirus (COVID-19) fatalityâ€, by Ogen, 2020. Science of the Total Environment, 2020, 738, 139853.	3.9	11
81	Statistical Explorations and Univariate Timeseries Analysis on COVID-19 Datasets to Understand the Trend of Disease Spreading and Death. Sensors, 2020, 20, 3089.	2.1	63
82	Assessing the relationship between ground levels of ozone (O3) and nitrogen dioxide (NO2) with coronavirus (COVID-19) in Milan, Italy. Science of the Total Environment, 2020, 740, 140005.	3.9	176
83	Influenza vaccination in the COVID-19 era. Early Human Development, 2020, 148, 105116.	0.8	61
84	Satellite-detected tropospheric nitrogen dioxide and spread of SARS-CoV-2 infection in Northern Italy. Science of the Total Environment, 2020, 739, 140278.	3.9	80
85	Adapting to threats: initial responses of grassroots clean air advocacy groups to COVID-19. Environmental Politics, 2020, 29, 1105-1111.	3.4	1
86	Relationship between COVID-19 and weather: Case study in a tropical country. International Journal of Hygiene and Environmental Health, 2020, 229, 113587.	2.1	181
87	The Impact of COVID-19-Related Measures on the Solar Resource in Areas with High Levels of Air Pollution. Joule, 2020, 4, 1681-1687.	11.7	17
88	Air Microbiome and Pollution: Composition and Potential Effects on Human Health, Including SARS Coronavirus Infection. Journal of Environmental and Public Health, 2020, 2020, 1-14.	0.4	38
89	Assessing the relationship between surface levels of PM2.5 and PM10 particulate matter impact on COVID-19 in Milan, Italy. Science of the Total Environment, 2020, 738, 139825.	3.9	364
90	The Incremental Demise of Urban Green Spaces. Land, 2020, 9, 162.	1.2	60
91	Ambient Air Pollution Increases the Risk of Cerebrovascular and Neuropsychiatric Disorders through Induction of Inflammation and Oxidative Stress. International Journal of Molecular Sciences, 2020, 21, 4306.	1.8	190

#	Article	IF	Citations
92	Unveiling the causes of reduction in troposphere NO₂ in two cities of Morocco during COVID-19 lockdown. Environmental Forensics, 2020, 21, 237-240.	1.3	3
93	Influence of airborne transmission of SARS-CoV-2 on COVID-19 pandemic. A review. Environmental Research, 2020, 188, 109861.	3.7	174
94	A vulnerability-based approach to human-mobility reduction for countering COVID-19 transmission in London while considering local air quality. Science of the Total Environment, 2020, 741, 140515.	3.9	50
95	Covid-19 and the politics of sustainable energy transitions. Energy Research and Social Science, 2020, 68, 101685.	3.0	221
96	Air quality during the COVID-19: PM2.5 analysis in the 50 most polluted capital cities in the world. Environmental Pollution, 2020, 266, 115042.	3.7	236
97	An updated min-review on environmental route of the SARS-CoV-2 transmission. Ecotoxicology and Environmental Safety, 2020, 202, 111015.	2.9	32
98	The energy crises revealed by COVID: Intersections of Indigeneity, inequity, and health. Energy Research and Social Science, 2020, 68, 101661.	3.0	91
99	COVID-19 lockdown effects on air quality by NO2 in the cities of Barcelona and Madrid (Spain). Science of the Total Environment, 2020, 741, 140353.	3.9	318
100	COVID-19 prevalence and fatality rates in association with air pollution emission concentrations and emission sources. Environmental Pollution, 2020, 265, 115126.	3.7	78
101	Go slow to go fast: a plea for sustained scientific rigour in air pollution research during the COVID-19 pandemic. European Respiratory Journal, 2020, 56, 2001361.	3.1	43
102	Effect of lockdown amid COVID-19 pandemic on air quality of the megacity Delhi, India. Science of the Total Environment, 2020, 730, 139086.	3.9	780
103	COVID-19 challenges to Pakistan: Is GIS analysis useful to draw solutions?. Science of the Total Environment, 2020, 730, 139089.	3.9	72
104	Evolution of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) as coronavirus disease 2019 (COVID-19) pandemic: A global health emergency. Science of the Total Environment, 2020, 730, 138996.	3.9	364
105	Analysis of the scientific production of the effect of COVID-19 on the environment: A bibliometric study. Environmental Research, 2021, 193, 110416.	3.7	61
106	Links between air pollution and COVID-19 in England. Environmental Pollution, 2021, 268, 115859.	3.7	400
107	Population-weighted exposure to air pollution and COVID-19 incidence in Germany. Spatial Statistics, 2021, 41, 100480.	0.9	28
108	Coronavirus disease 2019 (COVID-19) mortality and neighborhood characteristics in Chicago. Annals of Epidemiology, 2021, 56, 47-54.e5.	0.9	78
109	DatAC: A visual analytics platform to explore climate and air quality indicators associated with the COVID-19 pandemic in Spain. Science of the Total Environment, 2021, 750, 141424.	3.9	40

#	Article	IF	Citations
110	Evaluating the plausible application of advanced machine learnings in exploring determinant factors of present pandemic: A case for continent specific COVID-19 analysis. Science of the Total Environment, 2021, 765, 142723.	3.9	25
111	COVID-19 and air pollution and meteorology-an intricate relationship: A review. Chemosphere, 2021, 263, 128297.	4.2	153
112	Air pollution by NO2 and PM2.5 explains COVID-19 infection severity by overexpression of angiotensin-converting enzyme 2 in respiratory cells: a review. Environmental Chemistry Letters, 2021, 19, 25-42.	8.3	136
113	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
114	The determinants of COVID-19 case fatality rate (CFR) in the Italian regions and provinces: An analysis of environmental, demographic, and healthcare factors. Science of the Total Environment, 2021, 755, 142523.	3.9	75
115	Associations between air pollution and COVID-19 epidemic during quarantine period in China. Environmental Pollution, 2021, 268, 115897.	3.7	74
116	How air quality and COVID-19 transmission change under different lockdown scenarios? A case from Dhaka city, Bangladesh. Science of the Total Environment, 2021, 762, 143161.	3.9	83
117	Pre-to-post lockdown impact on air quality and the role of environmental factors in spreading the COVID-19 cases - a study from a worst-hit state of India. International Journal of Biometeorology, 2021, 65, 205-222.	1.3	47
118	Ambient nitrogen dioxide pollution and spreadability of COVID-19 in Chinese cities. Ecotoxicology and Environmental Safety, 2021, 208, 111421.	2.9	45
119	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
120	Coronavirus disease-19 in environmental fields: a bibliometric and visualization mapping analysis. Environment, Development and Sustainability, 2021, 23, 8895-8923.	2.7	34
121	Examining the impact of lockdown (due to COVID-19) on ambient aerosols (PM2.5): A study on Indo-Gangetic Plain (IGP) Cities, India. Stochastic Environmental Research and Risk Assessment, 2021, 35, 1301-1317.	1.9	15
122	Revisiting the levels of Aerosol Optical Depth in south-southeast Asia, Europe and USA amid the COVID-19 pandemic using satellite observations. Environmental Research, 2021, 193, 110514.	3.7	39
123	Assessing the consequences of environmental exposures on the expression of the human receptor and proteases involved in SARS-CoV-2 cell-entry. Environmental Research, 2021, 195, 110317.	3.7	11
124	Particulate matter emissions reduction from residential wood stove using inert porous material inside its combustion chamber. Fuel, 2021, 289, 119756.	3.4	16
125	Same pollution sources for climate change might be hyperactivating the NLRP3 inflammasome and exacerbating neuroinflammation and SARS mortality. Medical Hypotheses, 2021, 146, 110396.	0.8	8
126	The impact of stay-home policies during Coronavirus-19 pandemic on the chemical and toxicological characteristics of ambient PM2.5 in the metropolitan area of Milan, Italy. Science of the Total Environment, 2021, 758, 143582.	3.9	32
127	Association of environmental and meteorological factors on the spread of COVID-19 in Victoria, Mexico, and air quality during the lockdown. Environmental Research, 2021, 196, 110442.	3.7	46

#	Article	IF	Citations
128	Convergence of COVID-19 and chronic air pollution risks: Racial/ethnic and socioeconomic inequities in the U.S. Environmental Research, 2021, 193, 110586.	3.7	27
129	Spatial distribution characteristics of the COVID-19 pandemic in Beijing and its relationship with environmental factors. Science of the Total Environment, 2021, 761, 144257.	3.9	71
130	Shortâ€term exposure to ambient air pollution in association with COVIDâ€19 of two clusters in South Korea. Tropical Medicine and International Health, 2021, 26, 478-491.	1.0	12
131	Nonlinear impact of COVID-19 on pollutions â€“ Evidence from Wuhan, New York, Milan, Madrid, Bandra, London, Tokyo and Mexico City. Sustainable Cities and Society, 2021, 65, 102629.	5.1	64
132	Impact of SARS-CoV-2 lockdown and de-escalation on air-quality parameters. Chemosphere, 2021, 265, 129027.	4.2	15
133	Associations between mortality from COVID-19 in two Italian regions and outdoor air pollution as assessed through tropospheric nitrogen dioxide. Science of the Total Environment, 2021, 760, 143355.	3.9	52
134	Decrease of mobility, electricity demand, and NO2 emissions on COVID-19 times and their feedback on prevention measures. Science of the Total Environment, 2021, 760, 143382.	3.9	19
135	COVID-19 lockdown: a boon in boosting the air quality of major Indian Metropolitan Cities. Aerobiologia, 2021, 37, 79-103.	0.7	8
136	Magnetic nanoparticles: An indicator of health risks related to anthropogenic airborne particulate matter. Environmental Pollution, 2021, 271, 116309.	3.7	9
137	Did anomalous atmospheric circulation favor the spread of COVID-19 in Europe?. Environmental Research, 2021, 194, 110626.	3.7	32
138	COVID-19 pandemic: An outlook on its impact on air quality and its association with environmental variables in major cities of Punjab and Chandigarh, India. Environmental Forensics, 2021, 22, 143-154.	1.3	19
139	Older age groups and country-specific case fatality rates of COVID-19 in Europe, USA and Canada. Infection, 2021, 49, 111-116.	2.3	57
140	The association between COVID-19 deaths and short-term ambient air pollution/meteorological condition exposure: a retrospective study from Wuhan, China. Air Quality, Atmosphere and Health, 2021, 14, 1-5.	1.5	42
141	Impacts of nationwide lockdown due to COVID-19 outbreak on air quality in Bangladesh: a spatiotemporal analysis. Air Quality, Atmosphere and Health, 2021, 14, 351-363.	1.5	46
142	Estimating Older Adult Mortality From COVID-19. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, e68-e74.	2.4	23
143	Biodiversity Conservation: An Imperial Need in Combatting Pandemic and Healthcare Emergencies. , 2021, , 323-347.		0
144	Climate effects on the COVID-19 outbreak: a comparative analysis between the UAE and Switzerland. Modeling Earth Systems and Environment, 2021, , 1-14.	1.9	8
145	COVID-19, Ambient Air Pollution, and Environmental Health Inequities in Latin American Cities. Journal of Urban Health, 2021, 98, 428-432.	1.8	11

#	Article	IF	Citations
146	The Impact of the COVID-19 outbreak on climate change and air quality: four country case studies. Global Sustainability, 2021, 4, .	1.6	13
147	Italy into three parts: The spaceâ€“time spread of contagion. Modern Cartography Series, 2021, 9, 29-39.	0.3	1
148	Environmentâ€”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
149	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
151	ERS International Congress 2020: highlights from the Epidemiology and Environment Assembly. ERJ Open Research, 2021, 7, 00849-2020.	1.1	0
152	Assessing and predicting air quality in northern Jordan during the lockdown due to the COVID-19 virus pandemic using artificial neural network. Air Quality, Atmosphere and Health, 2021, 14, 643-652.	1.5	12
153	The Interplay Between Air Pollution and Coronavirus Disease (COVID-19). Journal of Occupational and Environmental Medicine, 2021, 63, e163-e167.	0.9	10
154	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. Photochemical and Photobiological Sciences, 2021, 20, 1-67.	1.6	93
155	Inflammation at the Crossroads: the Combined Effects of COVID-19, Ageing, and Air Pollution. Journal of Frailty & Aging,the, 2021, 10, 1-5.	0.8	7
156	Ambient air pollution and emergency department visits among children and adults in Casablanca, Morocco. AIMS Public Health, 2021, 8, 285-302.	1.1	5
157	Spatial sensitivity analysis of COVID-19 infections concerning the satellite-based four air pollutants levels. International Journal of Environmental Science and Technology, 2021, 18, 751-760.	1.8	10
158	Indoor Air Quality Monitoring Systems and COVID-19. Studies in Systems, Decision and Control, 2021, , 133-147.	0.8	8
159	COVID-19: Has social isolation reduced the emission of pollutants in the megacity of SÃ£o Pauloâ€”Brazil?. Environment, Development and Sustainability, 2021, 23, 12233-12251.	2.7	5
160	Abrupt but smaller than expected changes in surface air quality attributable to COVID-19 lockdowns. Science Advances, 2021, 7, .	4.7	209
161	Environmentally-induced mdig contributes to the severity of COVID-19 through fostering expression of SARS-CoV-2 receptor NRPs and glycan metabolism. Theranostics, 2021, 11, 7970-7983.	4.6	8
162	Nitrogen dioxide: Risk assessment, environmental, and health hazard. , 2021, , 273-288.		1
164	Urban sprawl and air quality in European Cities: an empirical assessment. SSRN Electronic Journal, 0, , .	0.4	1
165	Mobility and COVID-19: Time for a Mobility Paradigm Shift. Urban Health and Wellbeing, 2021, , 29-37.	0.3	0

#	Article	IF	Citations
166	Physical activity in an air-polluted environment: behavioral, psychological and neuroimaging protocol for a prospective cohort study (Healthy Aging in Industrial Environment study â€“ Program 4). BMC Public Health, 2021, 21, 126.	1.2	10
167	Assessment of Air Quality Impact Due to Covid-19: A Global Scenario. Environmental Footprints and Eco-design of Products and Processes, 2021, , 61-82.	0.7	0
168	Internet of Things (IoT) Based Indoor Air Quality Sensing and Predictive Analyticâ€"A COVID-19 Perspective. Electronics (Switzerland), 2021, 10, 184.	1.8	56
169	Evolution of epidemic outcomes in Europe. Modern Cartography Series, 2021, 9, 19-28.	0.3	0
170	Relationship between COVID-19 infection rates and air pollution, geo-meteorological, and social parameters. Environmental Monitoring and Assessment, 2021, 193, 29.	1.3	32
172	Assessing the COVIDâ€19 Impact on Air Quality: A Machine Learning Approach. Geophysical Research Letters, 2021, 48, e2020GL091202.	1.5	30
173	Nitrogen Losses and Potential Mitigation Strategies for a Sustainable Agroecosystem. Sustainability, 2021, 13, 2400.	1.6	81
174	The impact of outdoor air pollution on COVID-19: a review of evidence from in vitro, animal, and human studies. European Respiratory Review, 2021, 30, 200242.	3.0	150
175	Country-level determinants of the severity of the first global wave of the COVID-19 pandemic: an ecological study. BMJ Open, 2021, 11, e042034.	0.8	40
176	Positive environmental effects of the coronavirus 2020 episode: a review. Environment, Development and Sustainability, 2021, 23, 12738-12760.	2.7	61
177	A Simple Technique Based on Digital Images for Determination of Nitrogen Dioxide in Ambient Air. Water, Air, and Soil Pollution, 2021, 232, 72.	1.1	2
178	How Do Inflammatory Mediators, Immune Response and Air Pollution Contribute to COVID-19 Disease Severity? A Lesson to Learn. Life, 2021, 11, 182.	1.1	11
179	Air quality and COVID-19 adverse outcomes: Divergent views and experimental findings. Environmental Research, 2021, 193, 110556.	3.7	22
180	Emissions Reduction of Greenhouse Gases, Ozone Precursors, Aerosols and Acidifying Gases from Road Transportation during the COVID-19 Lockdown in Colombia. Applied Sciences (Switzerland), 2021, 11, 1458.	1.3	18
181	Air pollution and airborne infection with mycobacterial bioaerosols: a potential attribution of soot. International Journal of Environmental Science and Technology, 2022, 19, 717-726.	1.8	5
182	Can particulate matter be identified as the primary cause of the rapid spread of CoViD-19 in some areas of Northern Italy?. Environmental Science and Pollution Research, 2021, 28, 33120-33132.	2.7	19
183	Impact of a longâ€term air pollution exposure on the case fatality rate of COVIDâ€19 patientsâ€"A multicity study. Journal of Medical Virology, 2021, 93, 2938-2946.	2.5	14
184	Geographical Pattern of COVID-19-Related Outcomes over the Pandemic Period in France: A Nationwide Socio-Environmental Study. International Journal of Environmental Research and Public Health, 2021, 18, 1824.	1.2	18

#	Article	IF	Citations
185	Short-term effect of NO2 on outpatient visits for dermatologic diseases in Xinxiang, China: a time-series study. Environmental Geochemistry and Health, 2021, 43, 1-11.	1.8	7
186	Significance between air pollutants, meteorological factors, and COVID-19 infections: probable evidences in India. Environmental Science and Pollution Research, 2021, 28, 40474-40495.	2.7	19
187	Porous Strontium Chloride Scaffolded by Graphene Networks as Ammonia Carriers. Advanced Functional Materials, 2021, 31, 2008505.	7.8	6
188	U.S. COVID-19 State Government Public Dashboards: An Expert Review. Applied Clinical Informatics, 2021, 12, 208-221.	0.8	28
189	Association between air pollution and COVID-19 infection: evidence from data at national and municipal levels. Environmental Science and Pollution Research, 2021, 28, 37231-37243.	2.7	13
190	Beirut explosion aftermath: lessons and guidelines. Emergency Medicine Journal, 2021, 38, 938-939.	0.4	7
191	Global association between satellite-derived nitrogen dioxide (NO2) and lockdown policies under the COVID-19 pandemic. Science of the Total Environment, 2021, 761, 144148.	3.9	20
192	A global association between Covid-19 cases and airborne particulate matter at regional level. Scientific Reports, 2021, 11, 6256.	1.6	38
193	NO2 levels as a contributing factor to COVID-19 deaths: The first empirical estimate of threshold values. Environmental Research, 2021, 194, 110663.	3.7	47
194	Air pollution and human health risks: mechanisms and clinical manifestations of cardiovascular and respiratory diseases. Toxin Reviews, 2022, 41, 606-617.	1.5	23
196	Impact of Coronavirus (COVID-19) Outbreak on Society, Air Quality, and Economy in India: A Study of Three â€œPâ€s of Sustainability in India. Sustainability, 2021, 13, 2873.	1.6	7
197	Estimation of Surface NO2 Concentrations over Germany from TROPOMI Satellite Observations Using a Machine Learning Method. Remote Sensing, 2021, 13, 969.	1.8	43
198	The impacts of human migration and city lockdowns on specific air pollutants during the COVID-19 outbreak: A spatial perspective. Journal of Environmental Management, 2021, 282, 111907.	3.8	18
199	The Deadly Quartet (Covid-19, Old Age, Lung Disease, and Heart Failure) Explains Why Coronavirus-Related Mortality in Northern Italy Was So High. Current Cardiology Reviews, 2021, 17, 74-77.	0.6	13
200	A novel methodology for epidemic risk assessment of COVID-19 outbreak. Scientific Reports, 2021, 11, 5304.	1.6	50
201	Across regions: Are most COVID-19 deaths above or below life expectancy?. Germs, 2021, 11, 59-65.	0.5	1
202	COVID-19: pathogenesis, advances in treatment and vaccine development and environmental impactâ€”an updated review. Environmental Science and Pollution Research, 2021, 28, 22241-22264.	2.7	24
203	COVID-19 Infection and Mortality: Association with PM2.5 Concentration and Population Densityâ€”An Exploratory Study. ISPRS International Journal of Geo-Information, 2021, 10, 123.	1.4	14

#	Article	IF	Citations
204	Phase-wise analysis of the COVID-19 lockdown impact on aerosol, radiation and trace gases and associated chemistry in a tropical rural environment. Environmental Research, 2021, 194, 110665.	3.7	27
205	A Regional Geography Approach to Understanding the Environmental Changes as a Consequence of the COVID-19 Lockdown in Highly Populated Spanish Cities. Applied Sciences (Switzerland), 2021, 11, 2912.	1.3	3
206	Impact of the COVID-19 outbreak and the serum prevalence of SARS-CoV-2 antibodies in patients with inflammatory bowel disease treated with biologic drugs. Digestive and Liver Disease, 2021, 53, 277-282.	0.4	18
207	Strategic Recommendations to Mitigate Beirut Explosion Consequences. Trends Journal of Sciences Research, 2021, 1, 1-2.	0.0	1
208	The role of weather conditions in COVID-19 transmission: A study of a global panel of 1236 regions. Journal of Cleaner Production, 2021, 292, 125987.	4.6	26
209	COVID-19 incidence and mortality in Lombardy, Italy: An ecological study on the role of air pollution, meteorological factors, demographic and socioeconomic variables. Environmental Research, 2021, 195, 110777.	3.7	72
210	Association of air pollution and meteorological variables with COVID-19 incidence: Evidence from five megacities in India. Environmental Research, 2021, 195, 110854.	3.7	32
211	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
212	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
213	Impact of COVID-related lockdowns on environmental and climate change scenarios. Environmental Research, 2021, 195, 110839.	3.7	65
214	Investigation of the urbanization contribution to the COVID-19 outbreak in Iran and the MECA countries. Environment, Development and Sustainability, 2021, 23, 17964-17985.	2.7	7
215	Distributional impact of COVID-19: regional inequalities in cases and deaths in Spain during the first wave. Applied Economics, 2021, 53, 3636-3657.	1.2	8
217	Analysis of existing air monitoring technologies. System Technologies, 2021, 3, 67-78.	0.0	0
218	Interplay between COVID-19, pollution, and weather features on changes in the incidence of acute coronary syndromes in early 2020. International Journal of Cardiology, 2021, 329, 251-259.	0.8	12
219	Variation of tropospheric NO2 over Indo-Gangetic plain during COVID-19 outbreak in India. Spatial Information Research, 2021, 29, 841-855.	1.3	13
220	Air pollution impacts from COVID-19 pandemic control strategies in Malaysia. Journal of Cleaner Production, 2021, 291, 125992.	4.6	43
221	Environmental Conditions and COVID-19 Incident. Journal of Health Science and Prevention, 2021, 5, 58-64.	0.1	1
222	Every breath you take: Impacts of environmental dust exposure on intestinal barrier functionâ€“from the gut-lung axis to COVID-19. American Journal of Physiology - Renal Physiology, 2021, 320, G586-G600.	1.6	14

#	Article	IF	Citations
223	Community Risk Factors in the COVID-19 Incidence and Mortality in Catalonia (Spain). A Population-Based Study. International Journal of Environmental Research and Public Health, 2021, 18, 3768.	1.2	10
224	Effects of chronic exposure to ambient air pollutants on COVID-19 morbidity and mortality - A lesson from OECD countries. Environmental Research, 2021, 195, 110723.	3.7	27
225	Does exposure to noise pollution influence the incidence and severity of COVID-19?. Environmental Research, 2021, 195, 110766.	3.7	33
226	Green Infrastructures and Grand Environmental Challenges: A Review of Research Trends by Keyword. Agronomy, 2021, 11, 782.	1.3	10
227	Spatial analysis of the impact of urban geometry and socio-demographic characteristics on COVID-19, a study in Hong Kong. Science of the Total Environment, 2021, 764, 144455.	3.9	48
228	Untangling the contributions of meteorological conditions and human mobility to tropospheric NO2 in Chinese mainland during the COVID-19 pandemic in early 2020. National Science Review, 2021, 8, nwab061.	4.6	8
229	Role of phytoconstituents in the management of COVID-19. Chemico-Biological Interactions, 2021, 341, 109449.	1.7	25
230	Enhanced atmospheric oxidation capacity and associated ozone increases during COVID-19 lockdown in the Yangtze River Delta. Science of the Total Environment, 2021, 768, 144796.	3.9	43
231	Impact of COVID-19 outbreak on tropospheric NO2 pollution assessed using Satellite-ground perspectives observations in India. Modeling Earth Systems and Environment, 2022, 8, 1645-1655.	1.9	5
232	Association between coronavirus disease 2019 (COVID-19) and long-term exposure to air pollution: Evidence from the first epidemic wave in China. Environmental Pollution, 2021, 276, 116682.	3.7	33
233	Could thermodynamics and heat and mass transfer research produce a fundamental step advance toward and significant reduction of SARS-COV-2 spread?. International Journal of Heat and Mass Transfer, 2021, 170, 120983.	2.5	14
234	Examining the status of improved air quality in world cities due to COVID-19 led temporary reduction in anthropogenic emissions. Environmental Research, 2021, 196, 110927.	3.7	45
235	Semen quality as a potential susceptibility indicator to SARS-CoV-2 insults in polluted areas. Environmental Science and Pollution Research, 2021, 28, 37031-37040.	2.7	16
236	An external exposome-wide association study of COVID-19 mortality in the United States. Science of the Total Environment, 2021, 768, 144832.	3.9	21
237	Effect of COVID-19 pandemic on air quality: a study based on Air Quality Index. Environmental Science and Pollution Research, 2021, 28, 35564-35583.	2.7	27
238	Emerging role of air pollution and meteorological parameters in COVIDâ€19. Journal of Evidence-Based Medicine, 2021, 14, 123-138.	0.7	12
239	Comprehensive Insights Into O₃ Changes During the COVIDâ€19 From O₃ Formation Regime and Atmospheric Oxidation Capacity. Geophysical Research Letters, 2021, 48, e2021GL093668.	1.5	32
240	On testing for the equality of autocovariance in time series. Environmetrics, 2021, 32, e2680.	0.6	1

#	Article	IF	Citations
241	COVID-19 Mortality in English Neighborhoods: The Relative Role of Socioeconomic and Environmental Factors. J, 2021, 4, 131-146.	0.6	4
242	Impact of environmental factors and Sahara dust intrusions on incidence and severity of COVID-19 disease in Spain. Effect in the first and second pandemic waves. Environmental Science and Pollution Research, 2021, 28, 51948-51960.	2.7	17
243	Changes in short-lived climate pollutants during the COVID-19 pandemic in Tehran, Iran. Environmental Monitoring and Assessment, 2021, 193, 331.	1.3	20
244	A review of the impact of weather and climate variables to COVID-19: In the absence of public health measures high temperatures cannot probably mitigate outbreaks. Science of the Total Environment, 2021, 768, 144578.	3.9	59
245	Reviewâ€"Recent Development of WO₃ for Toxic Gas Sensors Applications. Journal of the Electrochemical Society, 2021, 168, 107502.	1.3	26
246	How does COVID-19 emergency cognition influence public pro-environmental behavioral intentions? An affective event perspective. Resources, Conservation and Recycling, 2021, 168, 105467.	5.3	37
247	Lessons from a pandemic for systems-oriented sustainability research. Science Advances, 2021, 7, .	4.7	14
248	Estimating lockdown-induced European NO₂ changes using satellite and surface observations and air quality models. Atmospheric Chemistry and Physics, 2021, 21, 7373-7394.	1.9	55
249	Does improvement in the environmental sustainability rating help to reduce the COVID-19 cases? Controlling financial development, price level and carbon damages. Environmental Science and Pollution Research, 2021, 28, 49820-49832.	2.7	6
250	Public transit usage and air quality index during the COVID-19 lockdown. Journal of Environmental Management, 2021, 286, 112166.	3.8	37
251	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
252	Exploring relationship between environmentalism and consumerism in a market economy society: A structured systematic literature review. Cleaner Engineering and Technology, 2021, 2, 100047.	2.1	14
253	Influence of air pollution and meteorological factors on the spread of COVID-19 in the Bangkok Metropolitan Region and air quality during the outbreak. Environmental Research, 2021, 197, 111104.	3.7	48
255	Policy mixes to achieve sustainable mobility after the COVID-19 crisis. Renewable and Sustainable Energy Reviews, 2021, 143, 110919.	8.2	67
256	Identification of the high-risk residence communities and possible risk factors of COVID-19 in Wuhan, China. Journal of Safety Science and Resilience, 2021, 2, 31-39.	1.3	2
257	SMART LOCKDOWN STRATEGY, SECOND AND THIRD WAVES OF COVID-19 IN PAKISTAN: A POLITICAL DISCOURSE ANALYSIS. Humanities and Social Sciences Reviews, 2021, 9, 919-930.	0.2	0
258	The impacts of COVID-19 lockdown on PM10 and SO2 concentrations and association with human mobility across Turkey. Environmental Research, 2021, 197, 111018.	3.7	29
259	Air Pollution and COVID-19: A Possible Dangerous Synergy for Male Fertility. International Journal of Environmental Research and Public Health, 2021, 18, 6846.	1.2	20

#	Article	IF	Citations
260	Assessment of Nexus between Air Pollution, Covid-19 Fatality, Lockdown Measures and Biodiesel Sustainability. Advances in Science and Technology, 0, , .	0.2	1
261	Effect of COVID-19 on air quality and pollution in different countries. Journal of Transport and Health, 2021, 21, 101061.	1.1	41
262	Unhealthy Neighbourhood â€œSyndromeâ€• A Useful Label for Analysing and Providing Advice on Urban Design Decision-Making?. Sustainability, 2021, 13, 6232.	1.6	11
264	SARS-CoV-2 Viral Shedding and Transmission Dynamics: Implications of WHO COVID-19 Discharge Guidelines. Frontiers in Medicine, 2021, 8, 648660.	1.2	28
265	Investigating connections between COVID-19 pandemic, air pollution and community interventions for Pakistan employing geoinformation technologies. Chemosphere, 2021, 272, 129809.	4.2	25
266	Monitoring the Impact of COVID-19 Lockdown on the Production of Nitrogen Dioxide (NO2) Pollutants Using Satellite Imagery: A Case Study of South Asia. Sustainability, 2021, 13, 7184.	1.6	7
267	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
268	Covid, the Environment and Food Systems: Contain, Cope and Rebuild Better. Frontiers in Environmental Science, 2021, 9, .	1.5	11
269	A review of GIS methodologies to analyze the dynamics of COVIDâ€19 in the second half of 2020. Transactions in GIS, 2021, 25, 2191-2239.	1.0	46
270	How Transportation Restriction Shapes the Relationship Between Ambient Nitrogen Dioxide and COVID-19 Transmissibility: An Exploratory Analysis. Frontiers in Public Health, 2021, 9, 697491.	1.3	0
271	Rigorous quantification of statistical significance of the COVID-19 lockdown effect on air quality: The case from ground-based measurements in Ontario, Canada. Journal of Hazardous Materials, 2021, 413, 125445.	6.5	14
272	A Descriptive Analysis of the Scientific Literature on Meteorological and Air Quality Factors and COVIDâ€19. GeoHealth, 2021, 5, e2020GH000367.	1.9	5
273	Environmental impact of COVID-19 led lockdown: A satellite data-based assessment of air quality in Indian megacities. Urban Climate, 2021, 38, 100900.	2.4	19
274	Consequences of Lockdown Caused by COVID-19 Outbreak on the Quality of Air in Dhaka. , 2021, , .		2
275	Natural processes dominate the pollution levels during COVID-19 lockdown over India. Scientific Reports, 2021, 11, 15110.	1.6	14
276	Indoor air quality improvement in COVID-19 pandemic: Review. Sustainable Cities and Society, 2021, 70, 102942.	5.1	156
277	Effects of air pollution and climatology on COVID-19 mortality in Spain. Air Quality, Atmosphere and Health, 2021, 14, 1869-1875.	1.5	15
279	Establishing a link between fine particulate matter (PM2.5) zones and COVID -19 over India based on anthropogenic emission sources and air quality data. Urban Climate, 2021, 38, 100883.	2.4	24

#	Article	IF	Citations
280	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
281	The COVID-19 Pandemic: New Knowledge on the Impact of Air Quality on the Spread of Coronavirus Infection in Cities. Studies on Russian Economic Development, 2021, 32, 357-363.	0.4	5
282	A study on the effects of meteorological and climatic factors on the COVID-19 spread in Canada during 2020. Journal of Environmental Health Science & Engineering, 2021, 19, 1-9.	1.4	26
283	Association Between Air Pollution and COVIDâ€19 Pandemic: An Investigation in Mumbai, India. GeoHealth, 2021, 5, e2021GH000383.	1.9	12
284	The spatial clustering analysis of COVID-19 and its associated factors in mainland China at the prefecture level. Science of the Total Environment, 2021, 777, 145992.	3.9	34
285	Environmental perspective of COVID-19: Atmospheric and wastewater environment in relation to pandemic. Ecotoxicology and Environmental Safety, 2021, 219, 112297.	2.9	12
286	Impact of COVID-19 pandemic on socio-economic, energy-environment and transport sector globally and sustainable development goal (SDG). Journal of Cleaner Production, 2021, 312, 127705.	4.6	169
287	Analyzing the severity of coronavirus infections in relation to air pollution: evidence-based study from Saudi Arabia. Environmental Science and Pollution Research, 2022, 29, 6267-6277.	2.7	7
288	Ambient air pollution and low temperature associated with case fatality of COVID-19: A nationwide retrospective cohort study in China. Innovation(China), 2021, 2, 100139.	5.2	20
289	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
290	Satellite Observation of Spatio-temporal Variations in Nitrogen Dioxide over West Africa and Implications for Regional Air Quality. Journal of Health and Pollution, 2021, 11, 210913.	1.8	1
291	Analyzing COVIDâ€19 Using Multisource Data: An Integrated Approach of Visualization, Spatial Regression, and Machine Learning. GeoHealth, 2021, 5, e2021GH000439.	1.9	9
292	Spike in pollution to ignite the bursting of COVID-19 second wave is more dangerous than spike of SAR-CoV-2 under environmental ignorance in long term: a review. Environmental Science and Pollution Research, 2022, 29, 85595-85611.	2.7	9
293	Ventilation for Residential Buildings: Critical Assessment of Standard Requirements in the COVID-19 Pandemic Context. Frontiers in Built Environment, 2021, 7, .	1.2	8
294	Effects of short- and long-term exposure to atmospheric pollution on COVID-19 risk and fatality: analysis of the first epidemic wave in northern Italy. Environmental Research, 2021, 199, 111293.	3.7	15
295	On the impact of the COVID-19 pandemic on air quality in Florida. Environmental Pollution, 2021, 285, 117451.	3.7	17
296	Spatiotemporal trends of selected air quality parameters during force lockdown and its relationship to COVID-19 positive cases in Bangladesh. Urban Climate, 2021, 39, 100952.	2.4	4
297	Short-term associations of air pollution and meteorological variables on the incidence and severity of COVID-19 in Madrid (Spain): a time series study. Environmental Sciences Europe, 2021, 33, 107.	2.6	11

#	Article	IF	Citations
298	Spatiotempoï»¿ral evolution analysis of NO2 column density before and after COVID-19 pandemic in Henan province based on SI-APSTE model. Scientific Reports, 2021, 11, 18614.	1.6	3
299	Climate indicators and COVID-19 recovery: A case of Wuhan during the lockdown. Environment, Development and Sustainability, 2022, 24, 8464-8484.	2.7	7
300	COVID-19 and environment: a poignant reminder of sustainability in the new normal. Environmental Sustainability, 2021, 4, 649-670.	1.4	3
301	TIP-Air: Tracking Pollution Transfer for Accurate Air Quality Prediction. , 2021, , .		0
302	Decrease in life expectancy due to COVID-19 disease not offset by reduced environmental impacts associated with lockdowns in Italy. Environmental Pollution, 2021, 292, 118224.	3.7	0
303	Indoors ventilation in times of confinement by SARS-CoV-2 epidemic: A comparative approach between Spain and Italy. Sustainable Cities and Society, 2021, 72, 103051.	5.1	16
304	Study on Collaborative Emission Reduction in Green-House and Pollutant Gas Due to COVID-19 Lockdown in China. Remote Sensing, 2021, 13, 3492.	1.8	4
305	Unraveling spatial patterns of COVIDâ€19 in Italy: Global forces and local economic drivers. Regional Science Policy and Practice, 2021, 13, 73-108.	0.8	11
306	New Metrics for Assessing the State Performance in Combating the COVIDâ€19 Pandemic. GeoHealth, 2021, 5, e2021GH000450.	1.9	0
307	Review of urban computing in air quality management as smart city service: An integrated IoT, AI, and cloud technology perspective. Urban Climate, 2021, 39, 100972.	2.4	70
308	Environmental perspectives of COVID-19 outbreaks: A review. World Journal of Gastroenterology, 2021, 27, 5822-5850.	1.4	3
309	COVID-19 and environmental concerns: A rapid review. Renewable and Sustainable Energy Reviews, 2021, 148, 111239.	8.2	48
310	Impact of air pollution and smoking on COVID-19: a review. Egyptian Journal of Bronchology, 2021, 15, .	0.3	0
312	Exploring short term spatio-temporal pattern of PM2.5 and PM10 and their relationship with meteorological parameters during COVID-19 in Delhi. Urban Climate, 2021, 39, 100944.	2.4	11
313	COVID-19 mortality in Istanbul in association with air pollution and socioeconomic status: an ecological study. Environmental Science and Pollution Research, 2022, 29, 13700-13708.	2.7	8
314	Spatio-temporal modelling of changes in air pollution exposure associated to the COVID-19 lockdown measures across Europe. Science of the Total Environment, 2021, 787, 147607.	3.9	15
315	Global assessment of tropospheric and ground air pollutants and its correlation with COVID-19. Atmospheric Pollution Research, 2021, 12, 101172.	1.8	12
316	The Impact of COVID-19 Lockdowns on Air Qualityâ€"A Global Review. Sustainability, 2021, 13, 10212.	1.6	24

#	Article	IF	Citations
317	Impacts of partial to complete COVID-19 lockdown on NO2 and PM2.5 levels in major urban cities of Europe and USA. Cities, 2021, 117, 103308.	2.7	42
318	Google Earth Engine based spatio-temporal analysis of air pollutants before and during the first wave COVID-19 outbreak over Turkey via remote sensing. Journal of Cleaner Production, 2021, 319, 128599.	4.6	49
319	Effects of air pollution on health: A mapping review of systematic reviews and meta-analyses. Environmental Research, 2021, 201, 111487.	3.7	104
320	Long-term exposure to air pollution and COVID-19 incidence: A multi-country study. Spatial and Spatio-temporal Epidemiology, 2021, 39, 100443.	0.9	5
321	Energy poverty influences urban outdoor air pollution levels during COVID-19 lockdown in south-central Chile. Energy Policy, 2021, 158, 112571.	4.2	14
322	Effect of Anti-COVID-19 Measures on Atmospheric Pollutants Correlated with the Economies of Medium-sized Cities in 10 Urban Areas of Grand Est Region, France. Sustainable Cities and Society, 2021, 74, 103173.	5.1	9
323	Impact of COVID-19 induced lockdown on land surface temperature, aerosol, and urban heat in Europe and North America. Sustainable Cities and Society, 2021, 75, 103336.	5.1	44
324	A spatial land use clustering framework for investigating the role of land use in mediating the effect of meteorology on urban air quality. Atmospheric Environment: X, 2021, 12, 100126.	0.8	2
325	Near-roadway air pollution associated with COVID-19 severity and mortality â€“ Multiethnic cohort study in Southern California. Environment International, 2021, 157, 106862.	4.8	23
326	Understanding <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si22.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">CO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> conversion into hydrocarbons via a photoreductive process supported on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si23.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">Cu</mml:mi>	3.4	12
327	Airborne magnetic nanoparticles may contribute to COVID-19 outbreak: Relationships in Greece and Iran. Environmental Research, 2022, 204, 112054.	3.7	7
328	Long-term exposure to fine particulate matter air pollution: An ecological study of its effect on COVID-19 cases and fatality in Germany. Environmental Research, 2022, 204, 111948.	3.7	36
329	Air quality evaluation during COVID-19 in Southern Italy: the case study of Avellino city. Environmental Research, 2022, 203, 111803.	3.7	13
330	The COVID-19 crisis and its consequences for global warming and climate change. , 2022, , 377-385.		5
331	Environmental stocks, CEO health risk and COVID-19. Research in International Business and Finance, 2022, 59, 101509.	3.1	6
332	A Multi-functional NO2 gas monitor and Self-Alarm based on Laser-Induced graphene. Chemical Engineering Journal, 2022, 428, 131079.	6.6	33
333	Ambient air pollution and COVID-19 risk: Evidence from 35 observational studies. Environmental Research, 2022, 204, 112065.	3.7	39
334	Assessing the impact of air pollution and climate seasonality on COVID-19 multiwaves in Madrid, Spain. Environmental Research, 2022, 203, 111849.	3.7	29

#	Article	IF	Citations
335	Satellite data and machine learning reveal a significant correlation between NO2 and COVID-19 mortality. Environmental Research, 2022, 204, 111970.	3.7	6
336	Appraisal of COVID-19 lockdown and unlocking effects on the air quality of North India. Environmental Research, 2022, 204, 112107.	3.7	14
337	The Impact of Covid-19 Induced Decline in Consumer Durables and Mobility on NO₂ Emission in Europe. Global Economic Review, 2021, 50, 43-53.	0.5	4
338	Machine Learning on the COVID-19 Pandemic, Human Mobility and Air Quality: A Review. IEEE Access, 2021, 9, 72420-72450.	2.6	44
339	Global NO₂ Dynamics During the COVID-19 Pandemic: A Comparison Between Two Waves of the Coronavirus. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4310-4320.	2.3	10
340	Exposure to Air Pollutants and Mortality Rate of Novel Coronavirus Disease. Journal of Occupational and Environmental Medicine, 2021, 63, e252-e254.	0.9	1
341	Nexus Between the COVID-19 Dynamics and Environmental Pollution Indicators in South America. Risk Management and Healthcare Policy, 2021, Volume 14, 67-74.	1.2	24
342	Current understanding of the influence of environmental factors on SARS-CoV-2 transmission, persistence, and infectivity. Environmental Science and Pollution Research, 2021, 28, 6267-6288.	2.7	49
343	Air quality change during the COVID-19 pandemic lockdown over the Auvergne-RhÃ´ne-Alpes region, France. Air Quality, Atmosphere and Health, 2021, 14, 617-628.	1.5	35
344	The implication of the air quality pattern in South Korea after the COVID-19 outbreak. Scientific Reports, 2020, 10, 22462.	1.6	43
345	Global evidence for ultraviolet radiation decreasing COVID-19 growth rates. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	106
346	The human exposome and health in the Anthropocene. International Journal of Epidemiology, 2021, 50, 378-389.	0.9	24
359	Mapping green infrastructure and socioeconomic indicators as a public management tool: the case of the municipalities of Andalusia (Spain). Environmental Sciences Europe, 2020, 32, 144.	2.6	6
360	Air of Uncertainty: Can We Study Pollution and COVID-19 in the Midst of a Pandemic?. Environmental Health Perspectives, 2020, 128, 114005.	2.8	6
361	Pandemic disruptions in energy and the environment. Elementa, 2020, 8, .	1.1	9
362	COVID-19 and womenâ€™s health (literature review). Russian Journal of Human Reproduction, 2020, 26, 6.	0.1	13
363	Flatten the Curve!. Region, 2020, 7, 43-83.	0.3	10
364	Metformin and SARS-CoV-2: mechanistic lessons on air pollution to weather the cytokine/thrombotic storm in COVID-19. Aging, 2020, 12, 8760-8765.	1.4	38

#	Article	IF	Citations
367	Ultraviolet Radiation Decreases COVID-19 Growth Rates: Global Causal Estimates and Seasonal Implications. SSRN Electronic Journal, 0, , .	0.4	16
368	The Role of Weather Conditions in COVID-19 Transmission: A Study of a Global Panel of 1236 Regions. SSRN Electronic Journal, 0, , .	0.4	1
369	Long-term Causal Effects of PM2.5 Exposure on COVID-19 in India. SSRN Electronic Journal, 0, , .	0.4	1
370	Ambient air pollutants and their effect on COVID-19 mortality in the United States of America. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2020, 44, 1.	0.6	14
371	May SARS-CoV-2 Diffusion Be Favored by Alkaline Aerosols and Ammonia Emissions?. Atmosphere, 2020, 11, 995.	1.0	5
372	Examining the Economic and Environmental Impacts of COVID-19 Using Earth Observation Data. Remote Sensing, 2021, 13, 5.	1.8	33
373	Demographic aspects of the COVID-19 pandemic in Italy, Spain, Germany, and South Korea. Geografie-Sbornik CGS, 2020, 125, 139-170.	0.3	6
374	Review of environmental challenges and pandemic crisis of Covid-19. Journal of Education and Health Promotion, 2020, 9, 250.	0.3	19
375	Tropical peatlands and their conservation are important in the context of COVID-19 and potential future (zoonotic) disease pandemics. PeerJ, 2020, 8, e10283.	0.9	13
376	Air quality assessment in Southeast Brazil during COVID-19 pandemic and lockdown: report of increased air pollution. Cadernos De Saude Publica, 2021, 37, e00242320.	0.4	6
377	COVID-19 lockdown improves air quality in Morocco. Environmental Engineering Research, 2022, 27, 210197-0.	1.5	3
378	The effect of known and unknown confounders on the relationship between air pollution and Covid-19 mortality in Italy: A sensitivity analysis of an ecological study based on the E-value. Environmental Research, 2022, 207, 112131.	3.7	10
379	Association between air pollution and COVID-19 mortality and morbidity. Internal and Emergency Medicine, 2022, 17, 467-473.	1.0	21
380	Is SARS Mortality Linked to Radioactive Particulate Matter through the NLRP3 Inflammasome Overactivation?. SSRN Electronic Journal, 0, , .	0.4	0
383	Aspectos atmosfÃ©ricos y climÃ¡ticos en la expansiÃ³n de la pandemia (COVID-19) en la provincia de Alicante. Investigaciones GeogrÃ¡ficas, 2020, , 275.	0.3	3
385	La calidad de aire interior: una revisiÃ³n histÃ³rica desde la normativa espaÃ±ola = Indoor air quality: a historical review from Spanish regulations. Anales De EdificaciÃ³n, 2020, 6, 70.	0.1	0
386	A Covid-19 death trail connecting the Mediterranean with the North Sea, Italy with England, through the Alps. Qeios, 0, , .	0.0	0
387	A Covid-19 death trail connecting the Mediterranean with the North Sea, Italy with England, through the Alps. Qeios, 0, , .	0.0	0

#	Article	IF	Citations
389	The Moderating Effect of Demographic and Environmental Factors in the Spread and Mortality Rate of COVID-19 during Peak and Stagnant Periods. Korean Journal of Policy Studies, 2020, 35, 77-105.	0.2	0
390	Assessing air-quality impacts in planning decisions in England: should we focus more on health?. Town Planning Review, 2020, ahead-of-print, 1-22.	0.9	0
391	Record-breaker African Dust hits the Gulf Coast during the Covid-19 Pandemic. Qeios, 0, , .	0.0	0
392	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
393	Air pollution in three megacities of India during the Diwali festival amidst COVID-19 pandemic. Sustainable Cities and Society, 2022, 76, 103504.	5.1	13
394	Spatial Pattern of Air Pollutant Concentrations and Their Relationship with Meteorological Parameters in Coastal Slum Settlements of Lagos, Southwestern Nigeria. Atmosphere, 2021, 12, 1426.	1.0	8
395	Countryâ€level determinants of COVIDâ€19 case rates and death rates: An ecological study. Transboundary and Emerging Diseases, 2022, 69, .	1.3	9
396	CLINICAL FEATURES, DIAGNOSIS AND TREATMENT OF COVID-19. Biological & Clinical Sciences Research Journal, 2020, 2020, .	0.4	7
398	Concentrations and Allocation of NO₂ Emissions to Different Sources in a Distinctive Italian Region after the COVID-19 Lockdown. Journal of Environmental Protection, 2020, 11, 690-708.	0.3	0
399	The Macroeconomic Determinants of COVID19 Mortality Rate and the Role of Post Subprime Crisis Decisions. SSRN Electronic Journal, 0, , .	0.4	3
400	The Determinants of COVID-19 Case Fatality Rate (CFR) in the Italian Regions and Provinces: An Analysis of Environmental, Demographic, and Healthcare Factors. SSRN Electronic Journal, 0, , .	0.4	0
403	Analysis of air quality changes due to large-scale social restriction policies (study case: Bogor) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Environmental Science, 2021, 871, 012025.	0.2	0
406	The role of meteorological parameters in COVID-19 infection. Konuralp Tip Dergisi, 0, , .	0.1	1
408	Diabetes mellitus and COVID-19 in the post-acute phase patients - possible links with physical and rehabilitation medicine and balneotherapy. Balneo Research Journal, 2020, 11, 350-367.	0.4	7
410	COVID-19 Influencing Factors on Transmission and Incidence Rates-Validation Analysis. Journal of Biomedical Research & Environmental Sciences, 2020, 1, 277-291.	0.1	2
411	An unorthodox pathophysiology of severe cases of COVID-19 the weak heme hypothesis. American Journal of Blood Research, 2020, 10, 305-310.	0.6	0
412	A review of current knowledge on Pollution, Cigarette Smoking and COVID-19 diffusion and their relationship with inflammation. Acta Biomedica, 2020, 91, e2020148.	0.2	4
413	Impacts of emergency health protection measures upon air quality, traffic and public health: evidence from Oxford, UK. Environmental Pollution, 2022, 293, 118584.	3.7	11

#	Article	IF	Citations
414	Role of environmental factors in transmission of COVID-19. , 2022, , 35-72.		0
415	Transferable Models to Understand the Impact of Lockdown Measures on Local Air Quality. , 2021, , .		1
416	Invited Perspective: Ambient Air Pollution and SARS-CoV-2: Research Challenges and Public Health Implications. Environmental Health Perspectives, 2021, 129, 111303.	2.8	5
417	Carcinogenic Risk Assessment among Children and Adult due to Exposure to Toxic Air Pollutants. Environmental Science and Pollution Research, 2022, 29, 23015-23025.	2.7	16
418	Prediction of COVID-19 Cases from the Nexus of Air Quality and Meteorological Phenomena: Bangladesh Perspective. Earth Systems and Environment, 2022, 6, 307-325.	3.0	7
419	Dichotomous analysis of gaseous emissions as influenced by the impacts of COVID-19 in Brazil: SÃ£o Paulo and Legal Amazon. Environmental Monitoring and Assessment, 2021, 193, 834.	1.3	3
420	The Wealth of Nations and the First Wave of COVID-19 Diffusion. Italian Economic Journal, 2023, 9, 61-83.	0.9	10
421	Contributing factors common to COVIDâ€'19 and gastrointestinal cancer. Oncology Reports, 2021, 47, .	1.2	6
422	Effect of Covid-19 on NO2 and particular matter (PM) concentrations and reaffirmation of the need to use biofuels in the world. Biofuels, 0, , 1-12.	1.4	0
423	Geospatial Correlation Analysis between Air Pollution Indicators and Estimated Speed of COVID-19 Diffusion in the Lombardy Region (Italy). International Journal of Environmental Research and Public Health, 2021, 18, 12154.	1.2	4
424	Association of air pollution and meteorological variables with the two waves of COVID-19 pandemic in Delhi: A critical analysis. Heliyon, 2021, 7, e08468.	1.4	5
425	Outdoor PM2.5 concentration and rate of change in COVID-19 infection in provincial capital cities in China. Scientific Reports, 2021, 11, 23206.	1.6	5
426	Assessing the Relationship Between Air Quality, Wealth, and the First Wave of COVID-19 Diffusion and Mortality. , 2021, , 1-14.		2
428	The Social and Natural Environmentâ€™s Impact on SARS-CoV-2 Infections in the UK Biobank. International Journal of Environmental Research and Public Health, 2022, 19, 533.	1.2	7
429	Toward healthier futures in postâ€pandemic times: Political ecology, racial capitalism, and black feminist approaches to care. Geography Compass, 2022, 16, .	1.5	14
430	Assessment of COVID-19 Lockdown Impact on the Air Quality in Eastern Spain: PM and BTX in Urban, Suburban and Rural Sites Exposed to Different Emissions. Atmosphere, 2022, 13, 97.	1.0	5
431	Role of professionalism in response to the COVID-19 pandemic: Does a public health or medical background help?. China Economic Review, 2022, 71, 101733.	2.1	6
432	COVID-19 pandemic: What can we learn for better air quality and human health?. Journal of Infection and Public Health, 2022, 15, 187-198.	1.9	29

#	Article	IF	Citations
433	The Impact of Ambient Air Pollution Toward Coronavirus Disease 2019 (Covid19): A Literature Review. Jurnal Kesehatan Lingkungan, 2020, 12, 70.	0.1	0
434	Social isolation and air quality impacts: the Rio de Janeiro case study. Research, Society and Development, 2020, 9, e8849109317.	0.0	0
435	Assessing the impacts of COVID-19 pandemic on the environment: A correlation or causation?. Global Journal of Ecology, 2020, , 095-098.	0.1	1
436	Impact of COVID-19 Lockdown on Human Activity and Air Quality in China. , 2020, , .		3
437	Micro-environmental conditions and high population density affects the transmission of severe acute respiratory syndrome corona virus-2 in metropolitan cities of India. Environmental Disease, 2021, 6, 116.	0.1	0
438	Vulnerability Assessment to COVID Pandemic in Urban Settlement: A Case Study from India. Current Urban Studies, 2022, 10, 25-54.	0.3	1
439	Corroles at work: a small macrocycle for great applications. Chemical Society Reviews, 2022, 51, 1277-1335.	18.7	67
440	Analysis of changes in air pollution quality and impact of COVID-19 on environmental health in Iran: application of interpolation models and spatial autocorrelation. Environmental Science and Pollution Research, 2022, 29, 38505-38526.	2.7	13
441	COVID-19 lockdown and environmental pollution: an Indian multi-state investigation. Environmental Monitoring and Assessment, 2022, 194, 49.	1.3	4
442	The Ecosystem Services and Green Infrastructure: A Systematic Review and the Gap of Economic Valuation. Sustainability, 2022, 14, 517.	1.6	12
443	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
444	Impacts of air pollution on COVID-19 case fatality rate: a global analysis. Environmental Science and Pollution Research, 2022, 29, 27496-27509.	2.7	5
445	Satellite Data and Epidemic Cartography: A Study of the Relationship Between the Concentration of NO2 and the COVID-19 Epidemic. Communications in Computer and Information Science, 2022, , 55-67.	0.4	1
446	A Spatiotemporal Analytical Outlook of the Exposure to Air Pollution and COVID-19 Mortality in the USA. Journal of Agricultural, Biological, and Environmental Statistics, 2022, 27, 419-439.	0.7	4
447	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
448	Understanding China's resumption of work and production during the critical period of COVIDâ€19 based on multiâ€source data. Transactions in GIS, 0, , .	1.0	2
449	Particulate matter and COVID-19 excess deaths: Decomposing long-term exposure and short-term effects. Ecological Economics, 2022, 194, 107340.	2.9	6
450	CdS based chemiresistor with Schottky contact: Toxic gases detection with enhanced sensitivity and selectivity at room temperature. Sensors and Actuators B: Chemical, 2022, 357, 131421.	4.0	15

#	Article	IF	Citations
451	The asymmetric nexus between air pollution and COVID-19: Evidence from a non-linear panel autoregressive distributed lag model. Environmental Research, 2022, 209, 112848.	3.7	55
452	Investigation of Outdoor/Indoor Air Quality During the Outbreak of COVID-19: A Review Study. European Journal of Sustainable Development Research, 2022, 6, em0180.	0.4	2
453	Ammonium nitrate explosion at the main port in Beirut (Lebanon) and air pollution: an analysis of the spatiotemporal distribution of nitrogen dioxide. Euro-Mediterranean Journal for Environmental Integration, 2022, 7, 21-27.	0.6	3
454	Air Quality Analysis in Lima, Peru Using the NO2 Levels during the COVID-19 Pandemic Lockdown. Atmosphere, 2022, 13, 373.	1.0	5
455	å§æº”çŽ¯å¢ƒå¯¹SARS-CoV-2ä¼æ’çš„å½±å“”ç©¶è¿›å±•. Chinese Science Bulletin, 2022, , .	0.4	1
456	Smart Multi-Sensor System for Remote Air Quality Monitoring Using Unmanned Aerial Vehicle and LoRaWAN. Sensors, 2022, 22, 1706.	2.1	13
457	Short-term influence of environmental factors and social variables COVID-19 disease in Spain during first wave (Febâ€“May 2020). Environmental Science and Pollution Research, 2022, 29, 50392-50406.	2.7	4
458	Asymmetric effects of fine particulate matter and stringency policy on COVID-19 intensity. International Journal of Environmental Health Research, 2023, 33, 837-849.	1.3	17
459	The impact of COVID-19 pandemic on air pollution: a global research framework, challenges, and future perspectives. Environmental Science and Pollution Research, 2022, , 1.	2.7	12
460	COVID-19, air quality and space monitoring. Geospatial Health, 2022, 17, .	0.3	0
461	Mobility, nightlights and air pollution during the early phases of the SARS-CoV-2 pandemic. Environmental Research Communications, 2022, 4, 041003.	0.9	1
462	Association between Global Air Pollution and COVID-19 Mortality: A Study of Forty-Six Cities in the World. Annals of the American Association of Geographers, 2022, 112, 1777-1793.	1.5	1
463	Air pollution in five Indian megacities during the Christmas and New Year celebration amidst COVID-19 pandemic. Stochastic Environmental Research and Risk Assessment, 2022, 36, 3653-3683.	1.9	16
464	Intrinsically Breathable and Flexible NO₂ Gas Sensors Produced by Laser Direct Writing of Self-Assembled Block Copolymers. ACS Applied Materials & Interfaces, 2022, 14, 17818-17825.	4.0	39
465	Dynamics of SARS-CoV-2 spreading under the influence of environmental factors and strategies to tackle the pandemic: A systematic review. Sustainable Cities and Society, 2022, 81, 103840.	5.1	20
466	Short-term environmental impact of ambient air quality trends in during the COVID-19 pandemic in India. Annals of Civil and Environmental Engineering, 2021, 5, 017-025.	0.1	0
467	Change In Nitrogen Dioxide (No2) Concentration Due To The Lockdown Amid The Covid-19 Pandemic In India. Geography, Environment, Sustainability, 2021, 14, 192-198.	0.6	2
468	The Exposome and Immune Health in Times of the COVID-19 Pandemic. Nutrients, 2022, 14, 24.	1.7	15

#	Article	IF	Citations
471	Assessing The Vulnerability Index Of Covid-19 Pandemic In India. Geography, Environment, Sustainability, 2021, 14, 131-139.	0.6	4
472	Did Climate Change Influence the Emergence, Transmission, and Expression of the COVID-19 Pandemic?. Frontiers in Medicine, 2021, 8, 769208.	1.2	17
473	Risk-focused differences in molecular processes implicated in SARS-CoV-2 infection: corollaries in DNA methylation and gene expression. Epigenetics and Chromatin, 2021, 14, 54.	1.8	8
475	Advances in air quality research â€“ current and emerging challenges. Atmospheric Chemistry and Physics, 2022, 22, 4615-4703.	1.9	63
476	PM10, PM2.5, PM1, and PM0.1 resuspension due to human walking. Air Quality, Atmosphere and Health, 2022, 15, 1547-1556.	1.5	6
477	Variation in Aerosol Optical Depth (AOD), NO2 and Tropospheric Ozone Column during the Lockdown Period Amid COVID-19 Pandemic over India. Asian Journal of Chemistry, 2022, 34, 1105-1112.	0.1	0
478	Trends of CO and NO2 Pollutants in Iran during COVID-19 Pandemic Using Timeseries Sentinel-5 Images in Google Earth Engine. Pollutants, 2022, 2, 156-171.	1.0	14
479	Air Quality Status in Konya City Centre, Konya, Turkey during Pandemic Covid-19. IOP Conference Series: Earth and Environmental Science, 2022, 1013, 012006.	0.2	0
480	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
481	Geographical and Meteorological Evaluations of COVID-19 Spread in Iran. Sustainability, 2022, 14, 5429.	1.6	4
482	Modeling the contribution of Nitrogen Dioxide, Vertical pressure velocity and PM2.5 to COVID-19 fatalities. Stochastic Environmental Research and Risk Assessment, 2022, 36, 3487-3498.	1.9	1
483	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
484	Impacts of Covid-19 interventions on air quality: evidence from Brazilian metropolitan regions. International Journal of Environmental Science and Technology, 2022, , 1-22.	1.8	0
485	Effects of meteorology and humanâ€mobility on <scp>UK</scp>'s air quality during <scp>COVID</scp>â€19. Meteorological Applications, 2022, 29, .	0.9	2
486	SARS-CoV-2 and other airborne respiratory viruses in outdoor aerosols in three Swiss cities before and during the first wave of the COVID-19 pandemic. Environment International, 2022, 164, 107266.	4.8	13
487	Atmospheric Reactive Oxygen Species and Some Aspects of the Antiviral Protection at the Respiratory Epithelium. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2022, 16, 79-90.	0.2	0
488	Evaluating COVID-19-Environment Fit.. Acta Biomedica, 2022, 93, e2022204.	0.2	0
489	Quantitative spatiotemporal impact of dynamic population density changes on the COVID-19 pandemic in Chinaâ€™s mainland. Geo-Spatial Information Science, 2023, 26, 642-663.	2.4	3

#	Article	IF	Citations
490	Enhanced detection of ppb-level NO2 by uniform Pt-doped ZnSnO3 nanocubes. International Journal of Minerals, Metallurgy and Materials, 2022, 29, 1295-1303.	2.4	5
491	Modeling COVID-19 Impact on Consumption and Mobility in Europe: A Legacy Toward Sustainable Business Performance. Frontiers in Psychology, 2022, 13, .	1.1	2
492	Co₃O₄/MoS₂ Nanostructures for NO_x Sensing. ACS Applied Nano Materials, 2022, 5, 7754-7766.	2.4	7
493	Epigenetics at the Intersection of COVID-19 Risk and Environmental Chemical Exposures. Current Environmental Health Reports, 2022, 9, 477-489.	3.2	6
494	Air pollution and COVID-19 mortality and hospitalization: An ecological study in Iran. Atmospheric Pollution Research, 2022, 13, 101463.	1.8	10
495	Factores ambientales en la transmisiÃ³n del SARS-CoV-2/COVID 19: panorama mundial y colombiano. Revista De La Universidad Industrial De Santander Salud, 2021, 53, .	0.0	1
496	Incidence and severity of SARS-CoV-2 infection in former Q fever patients as compared to the Dutch population, 2020â€“2021. Epidemiology and Infection, 2022, 150, .	1.0	0
497	Impact of improved indoor environment on recovery from COVID-19 infections: a review of literature. Facilities, 2022, 40, 719-736.	0.8	5
498	Mobility, environment and inequalities in the post-COVID city. Cambridge Journal of Regions, Economy and Society, 2022, 15, 459-475.	1.7	3
499	The role of remote sensing during a global disaster: COVID-19 pandemic as case study. Remote Sensing Applications: Society and Environment, 2022, 27, 100789.	0.8	9
500	Dancing with Coronaspheres: Expanded Breath Bodies and the Politics of Public Movement in the Age of COVID-19. Cultural Studies, 0, , 1-23.	1.2	0
501	A review of strategies and their effectiveness in reducing indoor airborne transmission and improving indoor air quality. Environmental Research, 2022, 213, 113579.	3.7	37
502	Indoor air pollution, occupant health, and building system controlsâ€”a COVID-19 perspective. , 2022, , 291-306.		1
503	Exploring the impact of air pollution on COVID-19 admitted cases. Japanese Journal of Statistics and Data Science, 2022, 5, 379-406.	0.7	3
504	A correlational analysis of COVID-19 incidence and mortality and urban determinants of vitamin D status across the London boroughs. Scientific Reports, 2022, 12, .	1.6	9
505	Associations of air pollution with COVID-19 positivity, hospitalisations, and mortality: Observational evidence from UK Biobank. Environmental Pollution, 2022, 308, 119686.	3.7	30
506	Estimating monthly global ground-level NO2 concentrations using geographically weighted panel regression. Remote Sensing of Environment, 2022, 280, 113152.	4.6	11
507	Air quality in Germany as a contributing factor to morbidity from COVID-19. Environmental Research, 2022, 214, 113896.	3.7	4

#	Article	IF	Citations
508	Perspectives from remote sensing to investigate the COVID-19 pandemic: A future-oriented approach. Frontiers in Public Health, 0, 10, .	1.3	4
510	Applying Circulating and Ecological Sphere (CES) Concept for Post-Pandemic Development: A Case of Hingna Tahsil, Nagpur (India). Sustainability, 2022, 14, 9386.	1.6	0
511	Spatial and Temporal Analysis of Tropospheric Nitrogen Dioxide (NO2) in COVID-19 Pandemic: Adana-Mersin Region. YÃ¼zÃ¼ncÃ¼ YÄ±l Ã¼niversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 0, , .	0.0	0
512	Mapping of Pollution Distribution for Electric Power System Based on Satellite Remote Sensing. Frontiers in Environmental Science, 0, 10, .	1.5	0
513	Covid-19 pandemisi kÄ±sÄ±tlamalarÄ± sÄ±rasÄ±nda TÃ¼rkiyeâ€™deki farklÄ± bÃ¶lgelerdeki hava kirliliÄŸi deÄŸiÅŸkenlerinin zamansal deÄŸiÅŸimi. Ã–mer Halisdemir Ãœniversitesi MÃ¼hendislik Bilimleri Dergisi, 0, , .	0.2	0
514	Towards the impact of COVID-19 on the Environment, Education, and Economy (EEE). , 2022, 1, .		0
515	Long-Term Fine Particulate Matter Concentrations and SARS-CoV-2 Prevalence: Differential Relationships by Socioeconomic Status Among Pregnant Individuals in New York City. American Journal of Epidemiology, 0, , .	1.6	1
516	NO2 pollution over selected cities in the Po valley in 2018â€“2021 and its possible effects on boosting COVID-19 deaths. Heliyon, 2022, 8, e09978.	1.4	1
517	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
518	Impact of air pollutants on COVID-19 transmission: a study over different metropolitan cities in India. Environment, Development and Sustainability, 2023, 25, 12873-12885.	2.7	2
519	The Impact of Sustainable Development of Cold Chain Logistics on Chinaâ€™s COVID-19 Pandemic. Sustainability, 2022, 14, 10358.	1.6	1
520	Green Transition Towards Sustainability. Design, Architecture, Production. Lecture Notes in Networks and Systems, 2022, , 136-145.	0.5	0
521	Air quality during COVID-19 lockdown and its implication toward sustainable development goals. , 2022, , 177-210.		0
522	The COVID-19 Pandemic and the International Geographical Union. , 2022, , 2677-2703.		0
523	Coronavirus and Conservation: Environmental Repercussions of the COVID-19 Pandemic. , 2022, , 43-63.		0
524	Ab Initio Study of Carbon Nanotube Field Effect Transistor Gas Sensor for Detection of Ammonia and Nitrogen Dioxide Gas. IEEE Nanotechnology Magazine, 2022, 21, 564-574.	1.1	1
525	The Way from the Leading Position to the Last: Geo-demographic Analysis of the COVID-19 Pandemic in Czechia. , 2022, , 925-947.		1
526	Gas Tragedy and COVID-19 Vulnerabilities: An Analysis of Health Infrastructure in Bhopal, India. Advances in 21st Century Human Settlements, 2022, , 99-114.	0.3	0

#	Article	IF	Citations
527	COVID-19 Pandemic and Urban Air Quality: Delhi Region. Advances in 21st Century Human Settlements, 2022, , 97-120.	0.3	1
528	Air Pollution and COVID-19: Any Causal Link?. Ochrona Srodowiska I Zasobow Naturalnych, 2022, 33, 32-45.	0.4	0
529	Effect of COVID-19-induced lockdown on NO2 pollution using TROPOMI and ground-based CPCB observations in Delhi NCR, India. Environmental Monitoring and Assessment, 2022, 194, .	1.3	6
530	Nitrogen dioxide (NO₂) pollution monitoring with sentinel-5P satellite imagery over during the coronavirus pandemic (case study: Tehran). Remote Sensing Letters, 2022, 13, 1029-1039.	0.6	11
531	COVID-19: Understanding Novel Pathogens in Coupled Socialâ€“Ecological Systems. Sustainability, 2022, 14, 11649.	1.6	1
532	The relationship among air pollution, meteorological factors and COVID-19 in the Brussels Capital Region. Science of the Total Environment, 2023, 857, 158933.	3.9	6
533	How the Volume of Traffic Affected Air Quality During the Extreme Event of COVID-19 Lockdown in a Small City. Promet - Traffic - Traffico, 2022, 34, 789-800.	0.3	1
534	Shifting urban mobility patterns due to COVID-19: comparative analysis of implemented urban policies and travel behavior changes with an assessment of overall GHG emissions implications. Environmental Research: Infrastructure and Sustainability, 0, , .	0.9	0
535	An overview and thematic analysis of research on cities and the COVID-19 pandemic: Toward just, resilient, and sustainable urban planning and design. IScience, 2022, 25, 105297.	1.9	21
536	Air pollution exposure induces a decrease in type II interferon response: A paired cohort study. EBioMedicine, 2022, 85, 104291.	2.7	4
537	Engine emissions with air pollutants and greenhouse gases and their control technologies. Journal of Cleaner Production, 2022, 376, 134260.	4.6	42
538	Synergistic Effects of Environmental Factors on the Spread of Corona Virus. Springer Series on Bio- and Neurosystems, 2022, , 677-695.	0.2	0
539	The effects of air pollution, meteorological parameters, and climate change on COVID-19 comorbidity and health disparities: A systematic review. Environmental Chemistry and Ecotoxicology, 2022, 4, 194-210.	4.6	7
540	Nanobiosensors Potentialities for Monitoring SARS-CoV-2 in the Environment. , 2022, , 363-391.		0
541	Pandemic COVID-19 and environmental pollution (literature review). Gigiena I Sanitariia, 2022, 101, 1023-1028.	0.1	0
542	COVID-19 in the U.S. during pre-vaccination period: Shifting impact of sociodemographic factors and air pollution. , 0, 2, .		1
543	Association Between Air Pollution, Climate Change, and COVID-19 Pandemic: A Review of the Recent Scientific Evidence. Health Scope, 2022, 11, .	0.4	0
544	COVID-19 spatialization by empirical Bayesian model in SÃ£o Paulo, Brazil. Geo Journal, 0, , .	1.7	0

#	Article	IF	Citations
545	Examining the impact of media use during the COVID-19 pandemic on environmental engagement. Frontiers in Environmental Science, 0, 10, .	1.5	1
546	Impact of Different Air Pollutants (PM10, PM2.5, NO2, and Bacterial Aerosols) on COVID-19 Cases in Gliwice, Southern Poland. International Journal of Environmental Research and Public Health, 2022, 19, 14181.	1.2	1
547	Impact of short-term ambient air pollution exposure on the risk of severe COVID-19. Journal of Environmental Sciences, 2024, 135, 610-618.	3.2	5
548	Sustainable Technologies in Urban and Architectural Renovation of Public Residential Estates. Lecture Notes in Networks and Systems, 2023, , 233-254.	0.5	0
549	Analyzing the spatio-temporal directions of air pollutants for the initial wave of Covid-19 epidemic over Bangladesh: Application of satellite imageries and Google Earth Engine. Remote Sensing Applications: Society and Environment, 2022, 28, 100862.	0.8	0
550	Holiday for nature: a way forward in sustainability of the planet. Geo Journal, 0, , .	1.7	0
551	Pd, Ni, Cu and Ag modified SnS: A potential candidate for NH3 and NO2 detection and scavenging. Applied Surface Science, 2023, 609, 155404.	3.1	16
552	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
554	Smart Wireless Particulate Matter Sensor Node for IoT-Based Strategic Monitoring Tool of Indoor COVID-19 Infection Risk via Airborne Transmission. Sustainability, 2022, 14, 14433.	1.6	3
555	Human activities and zoonotic epidemics: a two-way relationship. The case of the COVID-19 pandemic. Global Sustainability, 2022, 5, .	1.6	1
556	Mitigation of air pollution and corresponding impacts during a global energy transition towards 100% renewable energy system by 2050. Energy Reports, 2022, 8, 14124-14143.	2.5	34
557	Exposure to air pollution and hospitalization due to COVID-19 in SÃ£o JosÃ© dos Campos, Brazil. Brazilian Journal of Medical and Biological Research, 0, 55, .	0.7	1
558	Modifiable contributing factors to COVID-19: A comprehensive review. Food and Chemical Toxicology, 2023, 171, 113511.	1.8	4
559	Boron doped g-C3N4 quantum dots based highly sensitive surface acoustic wave NO2 sensor with faster gas kinetics under UV light illumination. Sensors and Actuators B: Chemical, 2023, 378, 133140.	4.0	20
560	Calcium/strontium chloride impregnated zeolite A and X granules as optimized ammonia sorbents. RSC Advances, 2022, 12, 34910-34917.	1.7	5
561	Temperature and particulate matter as environmental factors associated with seasonality of influenza incidence â€“ an approach using Earth observation-based modeling in a health insurance cohort study from Baden-WÃ¼rttemberg (Germany). Environmental Health, 2022, 21, .	1.7	5
562	Air Pollution and COVID-19 Mortality in Brazil. Atmosphere, 2023, 14, 5.	1.0	1
563	Effects of air pollution and weather on the initial COVIDâ€19 outbreaks in United States, Italy, Spain, and China: A comparative study. Risk Analysis, 0, , .	1.5	1

#	Article	IF	Citations
565	Sanitation and hand washing behavior of urban slum dwellers in Vellore Corporation of Tamil Nadu, India: during coronavirus disease. MGM Journal of Medical Sciences, 2022, 9, 553.	0.1	1
566	Association among Lifestyle and Risk Factors with SARS-CoV-2 Infection. Tuberculosis and Respiratory Diseases, 2023, 86, 102-110.	0.7	2
567	Air pollution and respiratory infections: the past, present, and future. Toxicological Sciences, 2023, 192, 3-14.	1.4	7
568	Unanswered questions on the airborne transmission of COVID-19. Environmental Chemistry Letters, 2023, 21, 725-739.	8.3	5
569	Role of different types of RNA molecules in the severity prediction of SARS-CoV-2 patients. Pathology Research and Practice, 2023, 242, 154311.	1.0	5
570	ADDRESSING THE CHALLENGES HINDERING COVID-19 PROTOCOL COMPLIANCE AMONG UNIVERSITY STUDENTS. Prizren Social Science Journal, 2022, 6, 38-47.	0.2	0
571	Risk Factors for Respiratory Viral Infections: A Spotlight on Climate Change and Air Pollution. Journal of Asthma and Allergy, 0, Volume 16, 183-194.	1.5	7
572	ÐÐžÐ—ÐÐžÐ'ÐšÐ•ÐžÐ'Ð›ÐÐ"ÐÐÐÐÐ¯ Ð"Ð›Ð¯ Ð—ÐÐ•Ð—ÐÐÐÐ–Ð•ÐÐ¯ ÐŸÐžÐ'Ð†Ð¢ÐÐ¯ Ð' Ð¡Ð¯Ð¡Ð¢Ð•ÐœÐÐ¥Ð'Ð•ÐÐ¢Ð¯Ð›Ð¯		
573	Association between long-term air pollution exposure and COVID-19 mortality in Latin America. PLoS ONE, 2023, 18, e0280355.	1.1	4
574	Using geospatial technologies to manage COVID-19. , 2023, , 103-120.		0
575	Evaluation of Air Pollution Standard Index for NO₂ Parameter in Jakarta and Bogor. IOP Conference Series: Earth and Environmental Science, 2023, 1134, 012023.	0.2	0
576	Phytoremediation as a potential technique for vehicle hazardous pollutants around highways. Environmental Pollution, 2023, 322, 121130.	3.7	6
577	Coronavirus Disease (COVID-19) Possible Transmission Routes and Alleviation Strategies. International Journal of Pharmaceutical Research and Allied Sciences, 2023, 12, 23-32.	0.1	0
578	A Spatial and Contextual Exposome-Wide Association Study and Polyexposomic Score of COVID-19 Hospitalization. Exposome, 0, , .	1.2	0
579	Associations between COVID-19 risk, multiple environmental exposures, and housing conditions: A study using individual-level GPS-based real-time sensing data. Applied Geography, 2023, 153, 102904.	1.7	6
580	Chemical safety and the exposome. Emerging Contaminants, 2023, 9, 100225.	2.2	1
582	Nitrogen dioxide as proxy indicator of air pollution from fossil fuel burning in New Delhi during lockdown phases of COVID-19 pandemic period: impact on weather as revealed by Sentinel-5 precursor (5p) spectrometer sensor. Environment, Development and Sustainability, 2024, 26, 6623-6634.	2.7	0
583	Substantial Changes in Selected Volatile Organic Compounds (VOCs) and Associations with Health Risk Assessments in Industrial Areas during the COVID-19 Pandemic. Toxics, 2023, 11, 165.	1.6	13

#	Article	IF	Citations
585	Quantifying the Effects of Different Containment Policies on Urban NO2 Decline: Evidence from Remote Sensing and Ground-Station Data. Remote Sensing, 2023, 15, 1068.	1.8	1
586	Spatio-temporal analysis of nitrogen dioxide (NO2) from Sentinel-5P imageries using Google Earth Engine changes during the COVID-19 social restriction policy in jakarta. Natural Hazards Research, 2023, 3, 344-352.	2.0	2
587	The Impact of the First and Second Waves of COVIDâ€19 Pandemic in Nigeria. GeoHealth, 2023, 7, .	1.9	0
588	A large-scale machine learning study of sociodemographic factors contributing to COVID-19 severity. Frontiers in Big Data, 0, 6, .	1.8	2
589	Empirical Analysis of Impact of Weather and Air Pollution Parameters on COVID-19 Spread and Control in India Using Machine Learning Algorithm. Wireless Personal Communications, 2023, 130, 1963-1991.	1.8	0
590	A sustainable trend in COVID-19 research: An environmental perspective. Frontiers in Environmental Science, 0, 11, .	1.5	5
591	A Variational Bayesian Blind Calibration Approach for Air Quality Sensor Deployments. IEEE Sensors Journal, 2023, 23, 7129-7141.	2.4	2
592	Epidemiology of SARS-CoV-2 and COVID-19. , 2024, , 2-23.		0
593	Recommendations on the measurement techniques of atmospheric pollutants from in situ and satellite observations: a review. Arabian Journal of Geosciences, 2023, 16, .	0.6	0
595	Effects of air pollution indicators and meteorological parameters on the outbreak of COVID-19. AIP Conference Proceedings, 2023, , .	0.3	0
596	Using Analytics to Measure the Impact of Pollution Parameters in Major Cities of India. , 2023, , 265-280.		0
599	The Importance of Lifestyle and Environmental Exposures on COVID-19. , 2023, , 31-47.		0
600	Unraveling the socio-environmental drivers during the early COVID-19 pandemic in China. Environmental Science and Pollution Research, 2023, 30, 76253-76262.	2.7	0
606	Synthesis and characterization of WO3 sensitive layers for NO2 gas sensor application. AIP Conference Proceedings, 2023, , .	0.3	0
607	NO2 Concentrations and COVID-19 in Local Systems of Northwest Italy. Urban Book Series, 2023, , 83-98.	0.3	0
616	CAMEROON: Epidemiological Insights, Public Health Response, and Potential Psycho-Socio-Economic Impacts of COVID-19 Pandemic in Doualaâ€"A Population-Based Study. Urban Health and Wellbeing, 2023, , 29-48.	0.3	0
630	Impact of COVID-19-Induced Lockdown on Air Quality of Major Cities of Uttar Pradesh, India. Handbook of Environmental Chemistry, 2023, , .	0.2	0
640	Health Impacts of Global Climate Change in the Middle East; Vulnerabilities. Global Perspectives on Health Geography, 2023, , 171-188.	0.2	0

#	Article	IF	Citations