

Temperature, Humidity, and Latitude Analysis to Estimate the Impact of Coronavirus Disease 2019 (COVID-19)

JAMA Network Open

3, e2011834

DOI: [10.1001/jamanetworkopen.2020.11834](https://doi.org/10.1001/jamanetworkopen.2020.11834)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Novel 2019-Coronavirus on New Year's Eve. Indian Journal of Medical Microbiology, 2019, 37, 459-477.	0.3	22
2	Study of COVID-19 pandemic in London (UK) from urban context. Cities, 2020, 106, 102928.	2.7	53
3	Global COVID-19 pandemic demands joint interventions for the suppression of future waves. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26151-26157.	3.3	33
4	How socio-economic and atmospheric variables impact COVID-19 and influenza outbreaks in tropical and subtropical regions of Brazil. Environmental Research, 2020, 191, 110184.	3.7	47
5	Evidence of protective role of Ultraviolet-B (UVB) radiation in reducing COVID-19 deaths. Scientific Reports, 2020, 10, 17705.	1.6	35
6	Correlations between Meteorological Indicators, Air Quality and the COVID-19 Pandemic in 12 Cities across China. Journal of Environmental Health Science & Engineering, 2020, 18, 1491-1498.	1.4	13
7	Preliminary Analysis of Relationships between COVID19 and Climate, Morphology, and Urbanization in the Lombardy Region (Northern Italy). International Journal of Environmental Research and Public Health, 2020, 17, 6955.	1.2	13
8	Vitamin D in COVID - 19: Dousing the fire or averting the storm? A perspective from the Asia-Pacific. Osteoporosis and Sarcopenia, 2020, 6, 97-105.	0.7	20
9	Facemasks simple but powerful weapons to protect against COVID-19 spread: Can they have sides effects?. Results in Physics, 2020, 19, 103425.	2.0	112
10	Correlation between weather and COVID-19 pandemic in India: An empirical investigation. Journal of Public Affairs, 2020, 20, e2222.	1.7	15
11	Heat Maps for Surveillance and Prevention of COVID-19 Spread in Nursing Homes and Assisted Living Facilities. Journal of the American Medical Directors Association, 2020, 21, 986-988.e1.	1.2	11
12	Association between weather data and COVID-19 pandemic predicting mortality rate: Machine learning approaches. Chaos, Solitons and Fractals, 2020, 138, 110137.	2.5	150
13	Livestock plants and COVID-19 transmission. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31706-31715.	3.3	112
14	The Secretive Liaison of Particulate Matter and SARS-CoV-2. A Hypothesis and Theory Investigation. Frontiers in Genetics, 2020, 11, 579964.	1.1	13
15	Impact of meteorological parameters on COVID-19 pandemic: A comprehensive study from Saudi Arabia. Informatics in Medicine Unlocked, 2020, 20, 100418.	1.9	34
16	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
17	Winter Is Coming: A Southern Hemisphere Perspective of the Environmental Drivers of SARS-CoV-2 and the Potential Seasonality of COVID-19. International Journal of Environmental Research and Public Health, 2020, 17, 5634.	1.2	82
18	Impacts of geographic factors and population density on the COVID-19 spreading under the lockdown policies of China. Science of the Total Environment, 2020, 746, 141347.	3.9	116

#	ARTICLE	IF	CITATIONS
19	The COVID-19 pandemic: diverse contexts; different epidemicsâ€”how and why?. <i>BMJ Global Health</i> , 2020, 5, e003098.	2.0	128
20	Potential link between compromised air quality and transmission of the novel corona virus (SARS-CoV-2) in affected areas. <i>Environmental Research</i> , 2020, 190, 110001.	3.7	34
21	Comparative infection modeling and control of COVID-19 transmission patterns in China, South Korea, Italy and Iran. <i>Science of the Total Environment</i> , 2020, 747, 141447.	3.9	42
22	On Race and the Environment in the COVID-19 Pandemic. <i>American Journal of the Medical Sciences</i> , 2020, 360, 327-328.	0.4	0
23	Impact of climate and ambient air pollution on the epidemic growth during COVID-19 outbreak in Japan. <i>Environmental Research</i> , 2020, 190, 110042.	3.7	97
24	A predictive model of the temperature-dependent inactivation of coronaviruses. <i>Applied Physics Letters</i> , 2020, 117, 060601.	1.5	63
25	Association between meteorological indicators and COVID-19 pandemic in Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40378-40393.	2.7	32
26	A Non-Contact Integrated Body-Ambient Temperature Sensors Platform to Contrast COVID-19. <i>Electronics (Switzerland)</i> , 2020, 9, 1658.	1.8	21
27	COVID-19 pandemic: The African paradox. <i>Journal of Global Health</i> , 2020, 10, 020348.	1.2	52
28	Global impact of environmental temperature and BCG vaccination coverage on the transmissibility and fatality rate of COVID-19. <i>PLoS ONE</i> , 2020, 15, e0240710.	1.1	14
29	The Role of Micronutrients in Support of the Immune Response against Viral Infections. <i>Nutrients</i> , 2020, 12, 3198.	1.7	117
30	Correlation between immunity from BCG and the morbidity and mortality of COVID-19. <i>Tropical Diseases, Travel Medicine and Vaccines</i> , 2020, 6, 17.	0.9	23
31	Global and Temporal COVID-19 Risk Evaluation. <i>Frontiers in Public Health</i> , 2020, 8, 440.	1.3	12
32	COVID-19: What Is Next for Portugal?. <i>Frontiers in Public Health</i> , 2020, 8, 392.	1.3	17
33	Reducing perceived health risk to attract hotel customers in the COVID-19 pandemic era: Focused on technology innovation for social distancing and cleanliness. <i>International Journal of Hospitality Management</i> , 2020, 91, 102664.	5.3	316
34	Making Waves Perspectives of Modelling and Monitoring of SARS-CoV-2 in Aquatic Environment for COVID-19 Pandemic. <i>Current Pollution Reports</i> , 2020, 6, 468-479.	3.1	22
35	The role of mesenchymal stromal cells in immune modulation of COVID-19: focus on cytokine storm. <i>Stem Cell Research and Therapy</i> , 2020, 11, 404.	2.4	53
36	Effects of temperature and humidity on the spread of COVID-19: A systematic review. <i>PLoS ONE</i> , 2020, 15, e0238339.	1.1	311

#	ARTICLE	IF	CITATIONS
37	No Evidence for Temperature-Dependence of the COVID-19 Epidemic. <i>Frontiers in Public Health</i> , 2020, 8, 436.	1.3	60
38	Based on Principles and Insights of COVID-19 Epidemiology, Genome Sequencing, and Pathogenesis: Retrospective Analysis of Sinigrin and ProlixinRX (Fluphenazine) Provides Off-Label Drug Candidates. <i>SLAS Discovery</i> , 2020, 25, 1123-1140.	1.4	8
39	On the Optimal Indoor Air Conditions for SARS-CoV-2 Inactivation. An Enthalpy-Based Approach. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6083.	1.2	30
40	Is the transmission of novel coronavirus disease (COVID-19) weather dependent?. <i>Journal of the Air and Waste Management Association</i> , 2020, 70, 1061-1064.	0.9	17
41	Seasonality of Respiratory Viral Infections: Will COVID-19 Follow Suit?. <i>Frontiers in Public Health</i> , 2020, 8, 567184.	1.3	103
42	COVID-19 Disease and Vitamin D: A Mini-Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 604579.	1.6	18
43	Predicting SARS-CoV-2 Weather-Induced Seasonal Virulence from Atmospheric Air Enthalpy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9059.	1.2	6
44	Relationship between temporal anomalies in PM2.5 concentrations and reported influenza/influenza-like illness activity. <i>Heliyon</i> , 2020, 6, e04726.	1.4	6
45	Investigation of the Importance of Climatic Factors in COVID-19 Worldwide Intensity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7730.	1.2	22
46	Global to USA County Scale Analysis of Weather, Urban Density, Mobility, Homestay, and Mask Use on COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7847.	1.2	52
47	A cautionary note on the association between meteorological parameters and COVID-19 pandemic. <i>Journal of Global Health</i> , 2020, 10, 020355.	1.2	0
48	The temperature and regional climate effects on communitarian COVID-19 contagion in Mexico throughout phase 1. <i>Science of the Total Environment</i> , 2020, 735, 139560.	3.9	104
49	Susceptible supply limits the role of climate in the early SARS-CoV-2 pandemic. <i>Science</i> , 2020, 369, 315-319.	6.0	253
50	The dark cloud with a silver lining: Assessing the impact of the SARS COVID-19 pandemic on the global environment. <i>Science of the Total Environment</i> , 2020, 732, 139297.	3.9	163
51	â€˜Scientific Strabismusâ€™ or two related pandemics: coronavirus disease and vitamin D deficiency. <i>British Journal of Nutrition</i> , 2020, 124, 736-741.	1.2	67
52	Perspective: improving vitamin D status in the management of COVID-19. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 856-859.	1.3	137
53	Exploring the roles of high-speed train, air and coach services in the spread of COVID-19 in China. <i>Transport Policy</i> , 2020, 94, 34-42.	3.4	194
54	Temperature and precipitation associate with Covid-19 new daily cases: A correlation study between weather and Covid-19 pandemic in Oslo, Norway. <i>Science of the Total Environment</i> , 2020, 737, 139659.	3.9	171

#	ARTICLE	IF	CITATIONS
55	Eco-epidemiological assessment of the COVID-19 epidemic in China, January–February 2020. <i>Global Health Action</i> , 2020, 13, 1760490.	0.7	56
56	Effective transmission across the globe: the role of climate in COVID-19 mitigation strategies. <i>Lancet Planetary Health</i> , The, 2020, 4, e172.	5.1	84
57	COVID-19: Transmission, prevention, and potential therapeutic opportunities. <i>Clinica Chimica Acta</i> , 2020, 508, 254-266.	0.5	629
58	Modifiable areal unit problem and environmental factors of COVID-19 outbreak. <i>Science of the Total Environment</i> , 2020, 740, 139984.	3.9	32
59	Spatial analysis and GIS in the study of COVID-19. A review. <i>Science of the Total Environment</i> , 2020, 739, 140033.	3.9	401
60	Short-term effects of specific humidity and temperature on COVID-19 morbidity in select US cities. <i>Science of the Total Environment</i> , 2020, 740, 140093.	3.9	93
61	Assessing the relationship between ground levels of ozone (O ₃) and nitrogen dioxide (NO ₂) with coronavirus (COVID-19) in Milan, Italy. <i>Science of the Total Environment</i> , 2020, 740, 140005.	3.9	176
62	Significance of geographical factors to the COVID-19 outbreak in India. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 2645-2653.	1.9	101
63	Co-variance nexus between COVID-19 mortality, humidity, and air quality index in Wuhan, China: New insights from partial and multiple wavelet coherence. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 673-682.	1.5	82
64	Assessing the relationship between surface levels of PM _{2.5} and PM ₁₀ particulate matter impact on COVID-19 in Milan, Italy. <i>Science of the Total Environment</i> , 2020, 738, 139825.	3.9	364
65	A Preliminary Investigation on the Statistical Correlations between SARS-CoV-2 Spread and Local Meteorology. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4051.	1.2	12
66	SARS-CoV-2: March toward adaptation. <i>Journal of Medical Virology</i> , 2020, 92, 2274-2276.	2.5	18
67	A global-scale ecological niche model to predict SARS-CoV-2 coronavirus infection rate. <i>Ecological Modelling</i> , 2020, 431, 109187.	1.2	31
68	Will Coronavirus Disease 2019 Become Seasonal?. <i>Journal of Infectious Diseases</i> , 2020, 222, 719-721.	1.9	20
69	The effect of latitude and PM _{2.5} on spreading of SARS-CoV-2 in tropical and temperate zone countries. <i>Environmental Pollution</i> , 2020, 266, 115176.	3.7	17
70	Early Phase of the COVID-19 Outbreak in Hungary and Post-Lockdown Scenarios. <i>Viruses</i> , 2020, 12, 708.	1.5	48
71	Comprehensive identification and isolation policies have effectively suppressed the spread of COVID-19. <i>Chaos, Solitons and Fractals</i> , 2020, 139, 110041.	2.5	17
72	Inverse correlation between average monthly high temperatures and COVID-19-related death rates in different geographical areas. <i>Journal of Translational Medicine</i> , 2020, 18, 251.	1.8	29

#	ARTICLE	IF	CITATIONS
73	Association of COVID-19 global distribution and environmental and demographic factors: An updated three-month study. <i>Environmental Research</i> , 2020, 188, 109748.	3.7	76
74	Environmental concern regarding the effect of humidity and temperature on 2019-nCoV survival: fact or fiction. <i>Environmental Science and Pollution Research</i> , 2020, 27, 36027-36036.	2.7	63
75	Studying the trend of the novel coronavirus series in Mauritius and its implications. <i>PLoS ONE</i> , 2020, 15, e0235730.	1.1	13
76	HIV and shifting epicenters for COVID-19, an alert for some countries. <i>Chaos, Solitons and Fractals</i> , 2020, 139, 110030.	2.5	44
77	Exposure to novel coronavirus in patients on renal replacement therapy during the exponential phase of COVID-19 pandemic: survey of the Italian Society of Nephrology. <i>Journal of Nephrology</i> , 2020, 33, 725-736.	0.9	79
78	Ancestral origin, antigenic resemblance and epidemiological insights of novel coronavirus (SARS-CoV-2): Global burden and Bangladesh perspective. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104440.	1.0	9
79	Weathering the pandemic: How the Caribbean Basin can use viral and environmental patterns to predict, prepare, and respond to COVID-19. <i>Journal of Medical Virology</i> , 2020, 92, 1460-1468.	2.5	24
80	Correlation between weather and Covid-19 pandemic in Jakarta, Indonesia. <i>Science of the Total Environment</i> , 2020, 725, 138436.	3.9	548
81	The nexus between COVID-19, temperature and exchange rate in Wuhan city: New findings from partial and multiple wavelet coherence. <i>Science of the Total Environment</i> , 2020, 729, 138916.	3.9	132
82	Correlation between climate indicators and COVID-19 pandemic in New York, USA. <i>Science of the Total Environment</i> , 2020, 728, 138835.	3.9	540
83	Effect of weather on COVID-19 spread in the US: A prediction model for India in 2020. <i>Science of the Total Environment</i> , 2020, 728, 138860.	3.9	193
84	COVID-19 in Colombia endpoints. Are we different, like Europe?. <i>Research in Social and Administrative Pharmacy</i> , 2021, 17, 2036-2039.	1.5	31
85	Stability of SARS-CoV-2 and other coronaviruses in the environment and on common touch surfaces and the influence of climatic conditions: A review. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 296-312.	1.3	332
86	Aging in COVID-19: Vulnerability, immunity and intervention. <i>Ageing Research Reviews</i> , 2021, 65, 101205.	5.0	601
87	A district-level susceptibility and vulnerability assessment of the COVID-19 pandemic's footprint in India. <i>Spatial and Spatio-temporal Epidemiology</i> , 2021, 36, 100390.	0.9	25
88	Emergence of European and North American mutant variants of SARS-CoV-2 in South-East Asia. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 824-832.	1.3	51
89	Coronavirus pandemic versus temperature in the context of Indian subcontinent: a preliminary statistical analysis. <i>Environment, Development and Sustainability</i> , 2021, 23, 6524-6534.	2.7	20
90	Estimating the fraction of unreported infections in epidemics with a known epicenter: An application to COVID-19. <i>Journal of Econometrics</i> , 2021, 220, 106-129.	3.5	47

#	ARTICLE	IF	CITATIONS
91	A review on prediction of seasonal diseases based on climate change using big data. Materials Today: Proceedings, 2021, 37, 2648-2652.	0.9	8
92	COVID-19 and air pollution and meteorology-an intricate relationship: A review. Chemosphere, 2021, 263, 128297.	4.2	153
93	Effect of meteorological factors on COVID-19 cases in Bangladesh. Environment, Development and Sustainability, 2021, 23, 9139-9162.	2.7	49
94	Airborne spread of infectious SARS-CoV-2: Moving forward using lessons from SARS-CoV and MERS-CoV. Science of the Total Environment, 2021, 764, 142802.	3.9	33
95	Association between climatic variables and COVID-19 pandemic in National Capital Territory of Delhi, India. Environment, Development and Sustainability, 2021, 23, 9514-9528.	2.7	25
96	Potential of Solar UV Radiation for Inactivation of Coronaviridae Family Estimated from Satellite Data. Photochemistry and Photobiology, 2021, 97, 213-220.	1.3	9
97	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
98	Whether the weather will help us weather the COVID-19 pandemic: Using machine learning to measure twitter users'™ perceptions. International Journal of Medical Informatics, 2021, 145, 104340.	1.6	16
99	Meteorological factors and COVID-19 incidence in 190 countries: An observational study. Science of the Total Environment, 2021, 757, 143783.	3.9	71
100	Assessing correlations between short-term exposure to atmospheric pollutants and COVID-19 spread in all Italian territorial areas. Environmental Pollution, 2021, 268, 115714.	3.7	43
101	Exposome-based public health interventions for infectious diseases in urban settings. Environment International, 2021, 146, 106246.	4.8	23
102	Does solar ultraviolet radiation play a role in COVID-19 infection and deaths? An environmental ecological study in Italy. Science of the Total Environment, 2021, 757, 143757.	3.9	44
103	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
104	Temperature dependence of COVID-19 transmission. Science of the Total Environment, 2021, 763, 144390.	3.9	85
105	Structural stability of SARS-CoV-2 virus like particles degrades with temperature. Biochemical and Biophysical Research Communications, 2021, 534, 343-346.	1.0	30
106	Test for Covid-19 seasonality and the risk of second waves. One Health, 2021, 12, 100202.	1.5	37
107	Did anomalous atmospheric circulation favor the spread of COVID-19 in Europe?. Environmental Research, 2021, 194, 110626.	3.7	32
108	SARS-CoV-2 in hospital wastewater during outbreak of COVID-19: A review on detection, survival and disinfection technologies. Science of the Total Environment, 2021, 761, 143192.	3.9	69

#	ARTICLE	IF	CITATIONS
110	A global analysis on the effect of temperature, socio-economic and environmental factors on the spread and mortality rate of the COVID-19 pandemic. <i>Environment, Development and Sustainability</i> , 2021, 23, 9352-9366.	2.7	34
111	Association of COVID-19 distribution with air quality, sociodemographic factors, and comorbidities: an ecological study of US states. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 455-465.	1.5	31
112	SARS-CoV-2 seroprevalence worldwide: a systematic review and meta-analysis. <i>Clinical Microbiology and Infection</i> , 2021, 27, 331-340.	2.8	296
113	Largest democracy in the world crippled by COVID-19: current perspective and experience from India. <i>Environment, Development and Sustainability</i> , 2021, 23, 6623-6641.	2.7	19
114	The spread of COVID-19 virus through population density and wind in Turkey cities. <i>Science of the Total Environment</i> , 2021, 751, 141663.	3.9	149
115	Seroprevalence of anti-SARS-CoV-2 antibodies in residents of Karachi—challenges in acquiring herd immunity for COVID 19. <i>Journal of Public Health</i> , 2021, 43, 3-8.	1.0	23
116	Toward Combatting COVID-19: A Risk Assessment System. <i>IEEE Internet of Things Journal</i> , 2021, 8, 15953-15964.	5.5	5
117	Impacts of Natural Environmental Factors and Prevalence of Airway Symptoms on the Local Spread of COVID-19: A Time-Series Analysis in Regional COVID-19 Epidemics. <i>Tohoku Journal of Experimental Medicine</i> , 2021, 254, 89-100.	0.5	2
118	In the interest of public safety: rapid response to the COVID-19 epidemic in Vietnam. <i>BMJ Global Health</i> , 2021, 6, e004100.	2.0	47
119	The association between ambient temperature and mortality of the coronavirus disease 2019 (COVID-19) in Wuhan, China: a time-series analysis. <i>BMC Public Health</i> , 2021, 21, 117.	1.2	27
120	Impact of population density and weather on COVID-19 pandemic and SARS-CoV-2 mutation frequency in Bangladesh. <i>Epidemiology and Infection</i> , 2021, 149, e16.	1.0	18
121	The Influence of Average Temperature and Relative Humidity on New Cases of COVID-19: Time-Series Analysis. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e20495.	1.2	18
122	Exploring the rationale for hyperthermia in COVID-19. <i>International Journal of Hyperthermia</i> , 2021, 38, 202-212.	1.1	6
123	Impact of meteorological parameters and population density on variants of SARS-CoV-2 and outcome of COVID-19 pandemic in Japan. <i>Epidemiology and Infection</i> , 2021, 149, e103.	1.0	12
124	Drivers of Infectious Disease Seasonality: Potential Implications for COVID-19. <i>Journal of Biological Rhythms</i> , 2021, 36, 35-54.	1.4	45
125	Perspective on therapeutic and diagnostic potential of camel nanobodies for coronavirus disease-19 (COVID-19). <i>3 Biotech</i> , 2021, 11, 89.	1.1	29
126	Dynamics of the impact of COVID-19 on the economic activity of Peru. <i>PLoS ONE</i> , 2021, 16, e0244920.	1.1	43
128	COVID-19 Pandemic Risk Analytics: Data Mining with Reliability Engineering Methods for Analyzing Spreading Behavior and Comparison with Infectious Diseases. <i>Studies in Computational Intelligence</i> , 2021, , 293-307.	0.7	0

#	ARTICLE	IF	CITATIONS
129	Genetic Diversity of SARS-CoV2 and Environmental Settings: Possible Association with Neurological Disorders. <i>Molecular Neurobiology</i> , 2021, 58, 1917-1931.	1.9	8
130	Risk factors and action thresholds for the novel coronavirus pandemic. Insights from the Italian Society of Nephrology COVID-19 Survey. <i>Journal of Nephrology</i> , 2021, 34, 325-335.	0.9	11
131	Relationship between COVID-19 infection rates and air pollution, geo-meteorological, and social parameters. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 29.	1.3	32
132	Vitamin D in the time of the coronavirus (COVID-19) pandemic – a clinical review from a public health and public mental health perspective. <i>Therapeutic Advances in Psychopharmacology</i> , 2021, 11, 204512532110276.	1.2	2
133	Implications of monsoon season and UVB radiation for COVID-19 in India. <i>Scientific Reports</i> , 2021, 11, 2757.	1.6	1
134	On the Transmission Dynamics of SARS-CoV-2 in a Temperate Climate. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1660.	1.2	3
135	Comparing COVID-19 vaccine allocation strategies in India: A mathematical modelling study. <i>International Journal of Infectious Diseases</i> , 2021, 103, 431-438.	1.5	178
137	Coronavirus COVID-19 outbreak and control: Effect of temperature, relative humidity, and lockdown implementation. <i>Archives De Pediatrie</i> , 2021, 28, 111-116.	0.4	9
138	SARS-CoV-2 Wave Two Surveillance in East Asia and the Pacific: Longitudinal Trend Analysis. <i>Journal of Medical Internet Research</i> , 2021, 23, e25454.	2.1	23
139	Weather Conditions and COVID-19 Incidence in a Cold Climate: A Time-Series Study in Finland. <i>Frontiers in Public Health</i> , 2020, 8, 605128.	1.3	11
140	Contribution of Temperature Increase to Restrain the Transmission of COVID-19. <i>Innovation(China)</i> , 2021, 2, 100071.	5.2	11
141	Weather and COVID-19 Deaths During the Stay-at-Home Order in the United States. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, 462-468.	0.9	2
142	Impact of meteorological parameters on COVID-19 transmission in Bangladesh: a spatiotemporal approach. <i>Theoretical and Applied Climatology</i> , 2021, 144, 273-285.	1.3	21
143	Global Evidence of Temperature Acclimation of COVID-19 D614G Linage. <i>Global Challenges</i> , 2021, 5, 2000132.	1.8	3
144	Impact of socioeconomic status, population mobility and control measures on COVID-10 development in major cities of China. <i>Zhejiang Da Xue Xue Bao Yi Xue Ban = Journal of Zhejiang University Medical Sciences</i> , 2021, 50, 52-60.	0.1	0
145	Evidence and magnitude of the effects of meteorological changes on SARS-CoV-2 transmission. <i>PLoS ONE</i> , 2021, 16, e0246167.	1.1	13
146	Altitude and SARS-CoV-2 Infection in the First Pandemic Wave in Spain. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2578.	1.2	5
147	Link between COVID-19-related in-hospital mortality in continental France administrative areas and weather: an ecological study. <i>BMJ Open</i> , 2021, 11, e043269.	0.8	5

#	ARTICLE	IF	CITATIONS
148	Containment measures limit environmental effects on COVID-19 early outbreak dynamics. <i>Science of the Total Environment</i> , 2021, 761, 144432.	3.9	55
149	The Relationship Between the Global Burden of Influenza From 2017 to 2019 and COVID-19: Descriptive Epidemiological Assessment. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e24696.	1.2	1
150	The Epidemiology of COVID 19 in the Amazon and the Guianas: Similarities, Differences, and International Comparisons. <i>Frontiers in Public Health</i> , 2021, 9, 586299.	1.3	10
151	The Neighborhood Contagion Focus as a Spatial Unit for Diagnosis and Epidemiological Action against COVID-19 Contagion in Urban Spaces: A Methodological Proposal for Its Detection and Delimitation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3145.	1.2	6
152	Potential Protective Effect from COVID-19 Conferred by Altitude: A Longitudinal Analysis in Peru During Full Lockdown. <i>High Altitude Medicine and Biology</i> , 2021, 22, 209-224.	0.5	16
153	Random forest regression analysis on combined role of meteorological indicators in disease dissemination in an Indian city: A case study of New Delhi. <i>Urban Climate</i> , 2021, 36, 100780.	2.4	12
154	The mediator role of the fear of COVID-19 in the relationship between psychological resilience and life satisfaction. <i>Current Psychology</i> , 2021, 40, 6291-6299.	1.7	42
155	A psychrometric model to assess the biological decay of the SARS-CoV-2 virus in aerosols. <i>PeerJ</i> , 2021, 9, e11024.	0.9	10
156	COVID-19 and the clinical course of rheumatic manifestations. <i>Clinical Rheumatology</i> , 2021, 40, 2611-2619.	1.0	85
157	Lag Effects of Ozone, PM2.5, and Meteorological Factors on COVID-19 New Cases at the Disease Epicenter in Queens, New York. <i>Atmosphere</i> , 2021, 12, 357.	1.0	6
158	Temporal profile of SARS-CoV-2 viral load in posterior nasopharyngeal samples: Analysis of 944 patients in Apulia, Italy. <i>International Journal of Infectious Diseases</i> , 2021, 104, 696-700.	1.5	1
159	Environmental correlation and epidemiologic analysis of COVID-19 pandemic in ten regions in five continents. <i>Heliyon</i> , 2021, 7, e06576.	1.4	22
160	Predicting the spread of COVID-19 in Italy using machine learning: Do socio-economic factors matter?. <i>Structural Change and Economic Dynamics</i> , 2021, 56, 310-329.	2.1	21
161	Higher Temperatures, Higher Solar Radiation, and Less Humidity Is Associated With Poor Clinical and Laboratory Outcomes in COVID-19 Patients. <i>Frontiers in Public Health</i> , 2021, 9, 618828.	1.3	5
162	Air Disinfection for Airborne Infection Control with a Focus on COVID-19: Why Germicidal UV is Essential. <i>Photochemistry and Photobiology</i> , 2021, 97, 493-497.	1.3	52
163	Trajectory Simulation and Prediction of COVID-19 via Compound Natural Factor (CNF) Model in EDBF Algorithm. <i>Earth's Future</i> , 2021, 9, e2020EF001936.	2.4	2
165	Surveillance of the Second Wave of COVID-19 in Europe: Longitudinal Trend Analyses. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e25695.	1.2	29
166	How do air pollution and meteorological parameters contribute to the spread of COVID-19 in Saudi Arabia?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44132-44139.	2.7	16

#	ARTICLE	IF	CITATIONS
167	On the usefulness of the bioclimatic correlative models of SARS-CoV-2. Environmental Research, 2021, 195, 110818.	3.7	7
168	Seasonal variation and COVID-19 infection pattern: A gap from evidence to reality. Current Opinion in Environmental Science and Health, 2021, 20, 100238.	2.1	14
169	Why Do Some People Develop Serious COVID-19 Disease After Infection, While Others Only Exhibit Mild Symptoms?. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1442-1448.	2.0	21
170	Structural equation modeling to shed light on the controversial role of climate on the spread of SARS-CoV-2. Scientific Reports, 2021, 11, 8358.	1.6	13
171	Long-term variation in aerosol lidar ratio in Shanghai based on Raman lidar measurements. Atmospheric Chemistry and Physics, 2021, 21, 5377-5391.	1.9	6
172	Does exposure to noise pollution influence the incidence and severity of COVID-19?. Environmental Research, 2021, 195, 110766.	3.7	33
174	Modeling of Various Spatial Patterns of SARS-CoV-2: The Case of Germany. Journal of Clinical Medicine, 2021, 10, 1409.	1.0	3
175	Immediate and Delayed Meteorological Effects on COVID-19 Time-Varying Infectiousness in Tropical Cities. Atmosphere, 2021, 12, 513.	1.0	2
176	The Effects of Stringent and Mild Interventions for Coronavirus Pandemic. Journal of the American Statistical Association, 2021, 116, 481-491.	1.8	14
177	"Spatial Variability of COVID-19 First Wave Severity and Transmission Intensity in Spain: The Influence of Meteorological Factors". Biomedical Journal of Scientific & Technical Research, 2021, 35, .	0.0	2
178	A Comprehensive COVID-19 Database for the United States. , 2021, , .		0
179	SARS-COV-2: SIR Model Limitations and Predictive Constraints. Symmetry, 2021, 13, 676.	1.1	12
180	The role of seasonality in the spread of COVID-19 pandemic. Environmental Research, 2021, 195, 110874.	3.7	192
181	Investigating the Impact of Regional Temperature on COVID-19 Pandemic during 2020. Sustainability, 2021, 13, 5931.	1.6	2
182	Is coronavirus disease (COVID-19) seasonal? A critical analysis of empirical and epidemiological studies at global and local scales. Environmental Research, 2021, 196, 110972.	3.7	54
183	On the Environmental Determinants of COVID-19 Seasonality. GeoHealth, 2021, 5, e2021GH000413.	1.9	40
184	Does blood type affect the COVID-19 infection pattern?. PLoS ONE, 2021, 16, e0251535.	1.1	23
185	Psychological support in general population during the COVID-19 lockdown in France: Needs and access. PLoS ONE, 2021, 16, e0251707.	1.1	15

#	ARTICLE	IF	CITATIONS
186	Environmental risk factors of airborne viral transmission: Humidity, Influenza and SARS-CoV-2 in the Netherlands. <i>Spatial and Spatio-temporal Epidemiology</i> , 2022, 41, 100432.	0.9	7
187	Could thermodynamics and heat and mass transfer research produce a fundamental step advance toward and significant reduction of SARS-COV-2 spread?. <i>International Journal of Heat and Mass Transfer</i> , 2021, 170, 120983.	2.5	14
188	The chilly climate may increase the chance of infecting COVID-19. <i>Journal of Infection</i> , 2021, 82, e16-e17.	1.7	3
189	Semen quality as a potential susceptibility indicator to SARS-CoV-2 insults in polluted areas. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37031-37040.	2.7	16
190	Recruitment Effects on the Evolution of Epidemics in a Simple SIR Model. <i>Regular and Chaotic Dynamics</i> , 2021, 26, 305-319.	0.3	0
191	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. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51948-51960.	2.7	17
192	Spatiotemporal variability of COVID-19 pandemic in relation to air pollution, climate and socioeconomic factors in Pakistan. <i>Chemosphere</i> , 2021, 271, 129584.	4.2	41
193	SARS-CoV-2 in the environment—Non-droplet spreading routes. <i>Science of the Total Environment</i> , 2021, 770, 145260.	3.9	48
194	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. <i>Science of the Total Environment</i> , 2021, 768, 144578.	3.9	59
195	The Impacts and Implications of the COVID-19 Pandemic on the Global Response to Climate Change. <i>Chinese Journal of Urban and Environmental Studies</i> , 2021, 09, 2150007.	0.5	5
196	A systematic review and meta-analysis on correlation of weather with COVID-19. <i>Scientific Reports</i> , 2021, 11, 10746.	1.6	34
197	Associations between meteorology and COVID-19 in early studies: Inconsistencies, uncertainties, and recommendations. <i>One Health</i> , 2021, 12, 100225.	1.5	46
198	Correlation Determination between COVID-19 and Weather Parameters Using Time Series Forecasting: A Case Study in Pakistan. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-9.	0.6	7
199	Institutions and the uneven geography of the first wave of the COVID-19 pandemic. <i>Journal of Regional Science</i> , 2021, 61, 728-752.	2.1	75
200	Meteorological factors against COVID-19 and the role of human mobility. <i>PLoS ONE</i> , 2021, 16, e0252405.	1.1	23
201	The effect of human settlement temperature and humidity on the growth rules of infected and recovered cases of COVID-19. <i>Environmental Research</i> , 2021, 197, 111106.	3.7	9
202	Potential Therapeutic Targets and Vaccine Development for SARS-CoV-2/COVID-19 Pandemic Management: A Review on the Recent Update. <i>Frontiers in Immunology</i> , 2021, 12, 658519.	2.2	63
204	Ensemble machine learning of factors influencing COVID-19 across US counties. <i>Scientific Reports</i> , 2021, 11, 11777.	1.6	12

#	ARTICLE	IF	CITATIONS
205	Is rapid scientific publication also high quality? Bibliometric analysis of highly disseminated COVID-19 research papers. <i>Learned Publishing</i> , 2021, 34, 568-577.	0.8	27
206	The Practicality of Deep Learning Algorithms in COVID-19 Detection: Application to Chest X-ray Images. <i>Algorithms</i> , 2021, 14, 183.	1.2	11
207	Green-Blue Spaces and Population Density versus COVID-19 Cases and Deaths in Poland. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6636.	1.2	24
208	Early prediction of coronavirus disease epidemic severity in the contiguous United States based on deep learning. <i>Results in Physics</i> , 2021, 25, 104287.	2.0	5
209	Does temperature matter for COVID-19 transmissibility? Evidence across Pakistani provinces. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59705-59719.	2.7	35
210	Air Pollution and COVID-19: A Possible Dangerous Synergy for Male Fertility. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6846.	1.2	20
212	Spatio-temporal variations in COVID-19 in relation to the global climate distribution and fluctuations. <i>Spatial and Spatio-temporal Epidemiology</i> , 2021, 37, 100417.	0.9	8
213	Temperature and population density influence SARS-CoV-2 transmission in the absence of nonpharmaceutical interventions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	95
214	Spatial Characteristics of Coronavirus Disease 2019 and Their Possible Relationship With Environmental and Meteorological Factors in Hubei Province, China. <i>GeoHealth</i> , 2021, 5, e2020GH000358.	1.9	5
215	Early Spread of COVID-19 in the Air-Polluted Regions of Eight Severely Affected Countries. <i>Atmosphere</i> , 2021, 12, 795.	1.0	20
216	Correlating indoor and outdoor temperature and humidity in a sample of buildings in tropical climates. <i>Indoor Air</i> , 2021, 31, 2281-2295.	2.0	16
217	The 2020 WMO Symposium on Climatological, Meteorological and Environmental factors in the COVID-19 pandemic: A special issue from symposium presentations. <i>One Health</i> , 2021, 12, 100243.	1.5	3
218	Social, economic, and environmental factors influencing the basic reproduction number of COVID-19 across countries. <i>PLoS ONE</i> , 2021, 16, e0252373.	1.1	47
219	Climate change, environment pollution, COVID-19 pandemic and mental health. <i>Science of the Total Environment</i> , 2021, 773, 145182.	3.9	92
220	Statistical study on the impact of different meteorological changes on the spread of COVID-19 pandemic in Egypt and its latitude. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 2225-2231.	1.9	3
221	Does vitamin D serum level affect prognosis of COVID-19 patients?. <i>International Journal of Infectious Diseases</i> , 2021, 107, 264-267.	1.5	12
222	Role of vitamins and minerals as immunity boosters in COVID-19. <i>Inflammopharmacology</i> , 2021, 29, 1001-1016.	1.9	93
223	Prediction of global spread of COVID-19 pandemic: a review and research challenges. <i>Artificial Intelligence Review</i> , 2022, 55, 1607-1628.	9.7	7

#	ARTICLE	IF	CITATIONS
224	Machine learning and algorithmic fairness in public and population health. <i>Nature Machine Intelligence</i> , 2021, 3, 659-666.	8.3	74
225	A Descriptive Analysis of the Scientific Literature on Meteorological and Air Quality Factors and COVID-19. <i>GeoHealth</i> , 2021, 5, e2020GH000367.	1.9	5
226	Influences of weather-related parameters on the spread of Covid-19 pandemic – The scenario of Bangladesh. <i>Urban Climate</i> , 2021, 38, 100903.	2.4	8
227	Cell therapy in patients with COVID-19 using Wharton’s jelly mesenchymal stem cells: a phase 1 clinical trial. <i>Stem Cell Research and Therapy</i> , 2021, 12, 410.	2.4	57
229	Does airborne pollen influence COVID-19 outbreak?. <i>Sustainable Cities and Society</i> , 2021, 70, 102887.	5.1	29
230	Longitudinal variability in mortality predicts COVID-19 deaths. <i>European Journal of Epidemiology</i> , 2021, 36, 599-603.	2.5	0
231	Interaction between meteorological parameters and COVID-19: an ecological study on 406 authorities of the UK. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67082-67097.	2.7	9
232	Systematic review of the effects of environmental factors on virus inactivation: implications for coronavirus disease 2019. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2865-2878.	1.8	16
233	Nanoantioxidant/Antioxidant Therapy in 2019-nCoV: A New Approach to Reactive Oxygen Species Mechanisms. <i>Current Drug Therapy</i> , 2021, 16, .	0.2	2
236	An AHP-based regional COVID-19 vulnerability model and its application in China. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 2525-2538.	1.9	12
238	Environmental factors and their role in the transmission of SARS-CoV-2. <i>Biosafety and Health</i> , 2021, 3, 235-237.	1.2	5
239	The role of vitamin D in reducing SARS-CoV-2 infection: An update. <i>International Immunopharmacology</i> , 2021, 97, 107686.	1.7	31
240	The association between initial COVID-19 spread and meteorological factors in Indonesia. <i>Environmental Sustainability</i> , 2021, 4, 569-578.	1.4	2
241	Dynamical Variations of the Global COVID-19 Pandemic Based on a SEICR Disease Model: A New Approach of Yi Hua Jie Mu. <i>GeoHealth</i> , 2021, 5, e2021GH000455.	1.9	10
242	COVID-19 and the environment: A review of the impact of COVID-19 on the environment and the role of the environment in the spread of COVID-19. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67082-67097.	2.7	9
243	Impact of COVID-19 pandemic on socio-economic, energy-environment and transport sector globally and sustainable development goal (SDG). <i>Journal of Cleaner Production</i> , 2021, 312, 127705.	4.6	169
244	Measuring the Effect of Government Response on COVID-19 Pandemic: Empirical Evidence from Japan. <i>Covid</i> , 2021, 1, 276-287.	0.7	3
245	Long-term statistical assessment of meteorological indicators and COVID-19 outbreak in hot and arid climate, Bahrain. <i>Environmental Science and Pollution Research</i> , 2022, 29, 1106-1116.	2.7	18

#	ARTICLE	IF	CITATIONS
246	Evolutionary trajectory of SARS-CoV-2 and emerging variants. <i>Virology Journal</i> , 2021, 18, 166.	1.4	105
247	Effect of Train-Induced Wind on the Transmission of COVID-19: A New Insight into Potential Infectious Risks. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8164.	1.2	2
249	Marginal warming associated with a COVID-19 quarantine and the implications for disease transmission. <i>Science of the Total Environment</i> , 2021, 780, 146579.	3.9	4
250	Exploring the linkage between seasonality of environmental factors and COVID-19 waves in Madrid, Spain. <i>Chemical Engineering Research and Design</i> , 2021, 152, 583-600.	2.7	22
251	Stochastic analysis of the relationship between atmospheric variables and coronavirus disease (COVID-19) in a hot, arid climate. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 500-516.	1.6	0
252	Adaptively temporal graph convolution model for epidemic prediction of multiple age groups. <i>Fundamental Research</i> , 2022, 2, 311-320.	1.6	1
253	Mass gathering events and COVID-19 transmission in Borriana (Spain): A retrospective cohort study. <i>PLoS ONE</i> , 2021, 16, e0256747.	1.1	35
254	Short-term associations of air pollution and meteorological variables on the incidence and severity of COVID-19 in Madrid (Spain): a time series study. <i>Environmental Sciences Europe</i> , 2021, 33, 107.	2.6	11
255	Explaining Causal Influence of External Factors on Incidence Rate of Covid-19. <i>SN Computer Science</i> , 2021, 2, 465.	2.3	1
256	SARS-CoV-2: lessons from both the history of medicine and from the biological behavior of other well-known viruses. <i>Future Microbiology</i> , 2021, 16, 1105-1133.	1.0	11
257	Distinct weather conditions and human mobility impacts on the SARS-CoV-2 outbreak in Colombia: Application of an artificial neural network approach. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 238, 113833.	2.1	3
258	COVID-19 and environmental concerns: A rapid review. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 148, 111239.	8.2	48
259	Innate immunity, inflammation activation and heat-shock protein in COVID-19 pathogenesis. <i>Journal of Neuroimmunology</i> , 2021, 358, 577632.	1.1	13
260	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2022, 75, e1101-e1111.	2.9	17
261	On the footsteps of Hippocrates, Sanctorius and Harvey to better understand the influence of cold on the occurrence of COVID-19 in European countries in 2020. <i>Biochimie</i> , 2021, 191, 164-171.	1.3	3
262	Is Meteorology a Factor to COVID-19 Spread in a Tropical Climate?. <i>Earth Systems and Environment</i> , 2021, 5, 1-10.	3.0	1
263	Design, Implementation, and Evaluation of a Distance Learning Framework to Adapt to the Changing Landscape of Anatomy Instruction in Medical Education During COVID-19 Pandemic: A Proof-of-Concept Study. <i>Frontiers in Public Health</i> , 2021, 9, 726814.	1.3	7
264	COVID-19's U.S. Temperature Response Profile. <i>Environmental and Resource Economics</i> , 2021, 80, 675-704.	1.5	3

#	ARTICLE	IF	CITATIONS
265	Physical distancing implementation, ambient temperature and Covid-19 containment: An observational study in the United States. <i>Science of the Total Environment</i> , 2021, 789, 147876.	3.9	9
266	Effect of daily temperature fluctuations on virus lifetime. <i>Science of the Total Environment</i> , 2021, 789, 148004.	3.9	8
267	Dynamics and stability analysis of fractional model for El-Niño involving delay. <i>Chaos, Solitons and Fractals</i> , 2021, 151, 111233.	2.5	1
268	Impact of temperature on the affinity of SARS-CoV-2 Spike glycoprotein for host ACE2. <i>Journal of Biological Chemistry</i> , 2021, 297, 101151.	1.6	42
269	COVID-19 in Asia: Transmission factors, re-opening policies, and vaccination simulation. <i>Environmental Research</i> , 2021, 202, 111657.	3.7	28
270	Influences of climatic and non-climatic factors on COVID-19 outbreak: A review of existing literature. <i>Environmental Challenges</i> , 2021, 5, 100255.	2.0	15
271	Comparable seasonal pattern for COVID-19 and flu-like illnesses. <i>One Health</i> , 2021, 13, 100277.	1.5	23
272	Honey bee (<i>Apis mellifera</i> L.) colonies as bioindicators of environmental SARS-CoV-2 occurrence. <i>Science of the Total Environment</i> , 2022, 805, 150327.	3.9	11
273	Assessing the impact of air pollution and climate seasonality on COVID-19 multiwaves in Madrid, Spain. <i>Environmental Research</i> , 2022, 203, 111849.	3.7	29
274	The relationship between ambient temperature and acute respiratory and cardiovascular diseases in Shenyang, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 20058-20071.	2.7	8
275	Evaluation of SARS-CoV-2 with a biophysical perspective. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 392-406.	0.5	0
276	Current understanding of the influence of environmental factors on SARS-CoV-2 transmission, persistence, and infectivity. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6267-6288.	2.7	49
283	Independent association between meteorological factors, PM2.5, and seasonal influenza activity in Hangzhou, Zhejiang province, China. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 513-520.	1.5	9
284	The relatively young and rural population may limit the spread and severity of COVID-19 in Africa: a modelling study. <i>BMJ Global Health</i> , 2020, 5, e002699.	2.0	162
285	Turning up the heat on COVID-19: heat as a therapeutic intervention. <i>F1000Research</i> , 2020, 9, 292.	0.8	17
286	Turning up the heat on COVID-19: heat as a therapeutic intervention. <i>F1000Research</i> , 2020, 9, 292.	0.8	19
287	Multiple drivers of the COVID-19 spread: The roles of climate, international mobility, and region-specific conditions. <i>PLoS ONE</i> , 2020, 15, e0239385.	1.1	40
288	Significant relaxation of SARS-CoV-2-targeted non-pharmaceutical interventions may result in profound mortality: A New York state modelling study. <i>PLoS ONE</i> , 2020, 15, e0239647.	1.1	3

#	ARTICLE	IF	CITATIONS
289	ICU admissions and in-hospital deaths linked to COVID-19 in the Paris region are correlated with previously observed ambient temperature. PLoS ONE, 2020, 15, e0242268.	1.1	8
290	Worldwide COVID-19 spreading explained: traveling numbers as a primary driver for the pandemic. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20201139.	0.3	18
291	Air pollutants and SARS-CoV-2 in 33 European countries. Acta Biomedica, 2021, 92, e2021166.	0.2	22
292	Building an Open Resources Repository for COVID-19 Research. Data and Information Management, 2020, 4, 130-147.	0.7	41
293	Coronavirus epidemic in Croatia: case fatality decline during summer?. Croatian Medical Journal, 2020, 61, 501-507.	0.2	8
294	The Coronavirus Pandemic: "The Show Must Not Go On". International Journal of Occupational and Environmental Medicine, 2020, 11, 63-64.	4.1	8
295	Review of environmental challenges and pandemic crisis of Covid-19. Journal of Education and Health Promotion, 2020, 9, 250.	0.3	19
296	Does temperature and humidity influence the spread of COVID-19?: A preliminary report. Journal of Family Medicine and Primary Care, 2020, 9, 1811.	0.3	10
297	Outbreak investigation: transmission of COVID-19 starting from a spa facility in a local community in Korea. Epidemiology and Health, 2020, 42, e2020056.	0.8	12
298	COVID-19 or non-COVID viral pneumonia: How to differentiate based on the radiologic findings?. World Journal of Radiology, 2020, 12, 289-301.	0.5	8
299	Spatial modeling could not differentiate early SARS-CoV-2 cases from the distribution of humans on the basis of climate in the United States. PeerJ, 2020, 8, e10140.	0.9	6
300	Docking and Molecular Dynamic Simulations of Cholecalciferol (Vitamin D3) as a Promising Inhibitor of Main Protease of Coronavirus to Prevent COVID-19 Infection. , 2021, , .		0
301	COVID-19 in Nigeria: account of epidemiological events, response, management, preventions and lessons learned. Germs, 2021, 11, 391-402.	0.5	5
302	Low COVID-19 impact in Africa: The multifactorial Nexus. AAS Open Research, 0, 4, 47.	1.5	4
303	Seasonal UV exposure and vitamin D: association with the dynamics of COVID-19 transmission in Europe. FEBS Open Bio, 2022, 12, 106-117.	1.0	8
304	Role of multiple factors likely contributing to severity-mortality of COVID-19. Infection, Genetics and Evolution, 2021, 96, 105101.	1.0	7
306	It's complicated: characterizing the time-varying relationship between cell phone mobility and COVID-19 spread in the US. Npj Digital Medicine, 2021, 4, 152.	5.7	18
307	Spatial Prediction of COVID-19 in China Based on Machine Learning Algorithms and Geographically Weighted Regression. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-13.	0.7	6

#	ARTICLE	IF	CITATIONS
308	Climatic signatures in the different COVID-19 pandemic waves across both hemispheres. <i>Nature Computational Science</i> , 2021, 1, 655-665.	3.8	49
309	Risk assessment of COVID-19 pandemic using deep learning model for J&K in India: a district level analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 18271-18281.	2.7	2
310	Weather, air pollution, and SARS-CoV-2 transmission: a global analysis. <i>Lancet Planetary Health</i> , The, 2021, 5, e671-e680.	5.1	42
317	Airborne microplastics and SARS-CoV-2 in total suspended particles in the area surrounding the largest medical centre in Latin America. <i>Environmental Pollution</i> , 2022, 292, 118299.	3.7	35
318	COVID 19: Are we fighting with the monster?. <i>Journal of Family Medicine and Primary Care</i> , 2020, 9, 2134.	0.3	1
321	A chronicle of temperature and SARS-CoV-2 viability: a retrospective study. <i>International Journal of Complementary & Alternative Medicine</i> , 2020, 13, 150-156.	0.1	0
326	Variations in climate and global spread of COVID-19: Implications for control in tropical and warmer climates. <i>Journal of Public Health in Africa</i> , 0, , .	0.2	0
328	A COVID-19 Outbreak Emerging in a Food Processing Company - Harbin City, Heilongjiang Province, China, January-February 2021. <i>China CDC Weekly</i> , 2021, 3, 681-687.	1.0	0
329	Effect of altitude on COVID-19 mortality in Ecuador: an ecological study. <i>BMC Public Health</i> , 2021, 21, 2079.	1.2	11
330	Influencia de los factores meteorológicos en la incidencia de COVID-19 en España. <i>Medicina Clínica</i> , 2022, 159, 255-261.	0.3	3
331	The economics of stop-and-go epidemic control. <i>Socio-Economic Planning Sciences</i> , 2021, , 101196.	2.5	2
332	Predicting COVID-19 mortality risk in Toronto, Canada: a comparison of tree-based and regression-based machine learning methods. <i>BMC Medical Research Methodology</i> , 2021, 21, 267.	1.4	9
333	Meteorological Factors and the COVID-19 Pandemic: The Backdrop of Pakistan. <i>Frontiers in Psychology</i> , 2021, 12, 764016.	1.1	1
334	An overview of solutions for airborne viral transmission reduction related to HVAC systems including liquid desiccant air-scrubbing. <i>Energy</i> , 2022, 244, 122709.	4.5	6
335	Estimate of The Dynamical Change of Air Temperature, Relative Humidity and Dew Point Temperature for Some Selected Station in Iraq. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 910, 012010.	0.2	2
336	COVID-19 Infection Among Women in Iran Exposed vs Unexposed to Children Who Received Attenuated Poliovirus Used in Oral Polio Vaccine. <i>JAMA Network Open</i> , 2021, 4, e2135044.	2.8	18
337	Testing Link of Climatic Factors and Air Pollution with COVID-19 amid the Second Wave in India. <i>Journal of Environmental Protection</i> , 2021, 12, 1069-1085.	0.3	2
339	Meteorological factors' effects on COVID-19 show seasonality and spatiality in Brazil. <i>Environmental Research</i> , 2022, 208, 112690.	3.7	19

#	ARTICLE	IF	CITATIONS
340	God is in the rain: The impact of rainfall-induced early social distancing on COVID-19 outbreaks. <i>Journal of Health Economics</i> , 2022, 81, 102575.	1.3	21
341	A behavioural modelling approach to assess the impact of COVID-19 vaccine hesitancy. <i>Journal of Theoretical Biology</i> , 2022, 534, 110973.	0.8	25
344	La pandémie de Covid-19, spécificités en Afrique. <i>Hérodote</i> , 2021, N° 183, 85-97.	0.0	0
345	Latitude impact on Pandemic Sars-Cov-2 2020 outbreaks and possible utility of UV indexes in predictions of regional daily infections and deaths. <i>Journal of Photochemistry and Photobiology</i> , 2022, , 100108.	1.1	4
346	Dynamic characteristics of the COVID-19 epidemic in China's major cities. <i>Annals of GIS</i> , 0, , 1-12.	1.4	0
347	Novel Evidence Showing the Possible Effect of Environmental Variables on COVID-19 Spread. <i>GeoHealth</i> , 2022, 6, e2021GH000502.	1.9	2
348	Multi-Feature Representation Based COVID-19 Risk Stage Evaluation With Transfer Learning. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 1359-1375.	4.1	6
349	Asymmetric Relationship between Ambient Air Temperature and Incidence of COVID-19 in the Human Population. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, , .	0.6	4
350	The correlation between temperature and the incidence of COVID-19 in four first-tier cities of China: a time series study. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	2
351	The influence of meteorological variables and lockdowns on COVID-19 cases in urban agglomerations of Indian cities. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 2949-2960.	1.9	20
352	A combined model for COVID-19 pandemic control: The application of Haddon's matrix and community risk reduction tools combined. <i>Journal of Infection and Public Health</i> , 2022, 15, 261-269.	1.9	7
354	Effects of environmental parameters and their interactions on the spreading of SARS-CoV-2 in North Italy under different social restrictions. A new approach based on multivariate analysis. <i>Environmental Research</i> , 2022, 210, 112921.	3.7	4
355	Machine Learning-Based COVID-19 Patients Triage Algorithm Using Patient-Generated Health Data from Nationwide Multicenter Database. <i>Infectious Diseases and Therapy</i> , 2022, 11, 787-805.	1.8	8
356	Time to death and risk factors associated with mortality among COVID-19 cases in countries within the WHO African region in the early stages of the COVID-19 pandemic. <i>Epidemiology and Infection</i> , 2022, 150, 1-29.	1.0	6
357	Use of oral polio vaccine and the incidence of COVID-19 in the world. <i>PLoS ONE</i> , 2022, 17, e0265562.	1.1	17
358	Tracking the transmission dynamics of COVID-19 with a time-varying coefficient state-space model. <i>Statistics in Medicine</i> , 2022, 41, 2745-2767.	0.8	6
359	Association of latitude and altitude with adverse outcomes in patients with COVID-19: The VIRUS registry. <i>World Journal of Critical Care Medicine</i> , 2022, 11, 102-111.	0.8	2
360	Epidemiological geography at work: An exploratory review about the overall findings of spatial analysis applied to the study of CoViD-19 propagation along the first pandemic year. <i>Geo Journal</i> , 2023, 88, 1103-1125.	1.7	1

#	ARTICLE	IF	CITATIONS
361	The role of climate on Covid-19 spread in France. International Journal of Environmental Health Research, 2022, , 1-14.	1.3	1
362	Effects of country success on COVID-19 cumulative cases and excess deaths in 169 countries. Ecological Indicators, 2022, 137, 108703.	2.6	8
363	Impact of air temperature and containment measures on mitigating the intrahousehold transmission of SARS-CoV-2: a data-based modelling analysis. BMJ Open, 2022, 12, e049383.	0.8	1
366	The Effects of Non-pharmaceutical Interventions on COVID-19 Mortality: A Generalized Synthetic Control Approach Across 169 Countries. Frontiers in Public Health, 2022, 10, 820642.	1.3	26
367	Visibility, wind speed, and dew point temperature are important factors in SARS-CoV-2 transmissibility. Pulmonary Circulation, 2022, 12, e12081.	0.8	2
368	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
369	Impact of climate on COVID-19 transmission: A study over Indian states. Environmental Research, 2022, 211, 113110.	3.7	9
370	Environmental factors and mobility predict COVID-19 seasonality in the Netherlands. Environmental Research, 2022, 211, 113030.	3.7	12
371	Clustering Regency and City in East Java Based on Population Density and Cumulative Confirmed COVID-19 Cases. ComTech, 2021, 12, 111-121.	0.5	0
372	COVID-19 transmission risk factors. Pathogens and Global Health, 2022, 116, 146-177.	1.0	12
373	Seroprevalence of SARS-CoV-2 in urban settings in three sub-Saharan African countries (SeroCoV): a study protocol for a household-based cross-sectional prevalence study using two-stage cluster sampling. BMJ Open, 2021, 11, e056853.	0.8	4
374	Impact of Weather Predictions on COVID-19 Infection Rate by Using Deep Learning Models. Complexity, 2021, 2021, 1-11.	0.9	6
375	COVID-19 Pandemic: Outbreak, Potential Vaccines And Medications. Russian Open Medical Journal, 2021, 10, .	0.1	0
377	Genetic Drift Versus Climate Region Spreading Dynamics of COVID-19. Frontiers in Genetics, 2021, 12, 663371.	1.1	3
378	A meta-analysis result: Uneven influences of season, geo-spatial scale and latitude on relationship between meteorological factors and the COVID-19 transmission. Environmental Research, 2022, 212, 113297.	3.7	22
384	Is There a Relationship Between ADHD and COVID-19 Prevalence and Mortality Indices? An Analysis of Data From 156 Countries. Journal of Attention Disorders, 2022, 26, 1069-1077.	1.5	3
385	COVID-19 deaths: Which explanatory variables matter the most?. PLoS ONE, 2022, 17, e0266330.	1.1	4
386	No Effects of Meteorological Factors on the SARS-CoV-2 Infection Fatality Rate.. Biomedical and Environmental Sciences, 2021, 34, 871-880.	0.2	0

#	ARTICLE	IF	CITATIONS
387	Evidences suggesting a possible role of Vitamin D in COVID 19: The missing link. Indian Journal of Pharmacology, 2021, 53, 394-402.	0.4	2
388	COVID-19 in WHO African Region: Account and Correlation of Epidemiological Indices with Some Selected Health-related Metrics.. Ethiopian Journal of Health Sciences, 2021, 31, 1075-1088.	0.2	0
390	A goal programming model for two-stage COVID19 test sampling centers location-allocation problem. Central European Journal of Operations Research, 2023, 31, 1-20.	1.1	3
391	The Impact of Altitude on Mortality Rates From COVID-19 in Mexico. Archivos De Bronconeumologia, 2022, 58, 830-833.	0.4	4
392	Air pollution and meteorological variables' effects on COVID-19 first and second waves in Spain. International Journal of Environmental Science and Technology, 2022, , 1-14.	1.8	4
393	The emergence of SARS-CoV-2 variants of concern in Australia by haplotype coalescence reveals a continental link to COVID-19 seasonality. Methods in Microbiology, 2022, , 233-268.	0.4	2
394	Air Surveillance for Viral Contamination with SARS-CoV-2 RNA at a Healthcare Facility. Food and Environmental Virology, 2022, 14, 374-383.	1.5	3
395	Quantitative spatiotemporal impact of dynamic population density changes on the COVID-19 pandemic in China's mainland. Geo-Spatial Information Science, 2023, 26, 642-663.	2.4	3
397	The seasonal behaviour of COVID-19 and its galectin-like culprit of the viral spike. Methods in Microbiology, 2022, , 27-81.	0.4	3
398	Prognosis of patients with acute respiratory failure due to the SARS-CoV-2 501Y.V2 variant: a multicenter retrospective matched cohort study. Scientific Reports, 2022, 12, .	1.6	2
399	Predicting COVID-19 Cases in South Korea Using Stringency and Niño Sea Surface Temperature Indices. Frontiers in Public Health, 2022, 10, .	1.3	0
400	Factores ambientales en la transmisión del SARS-CoV-2/COVID 19: panorama mundial y colombiano. Revista De La Universidad Industrial De Santander Salud, 2021, 53, .	0.0	1
401	Estimating Climate Influence Of The Potential Covid-19 Pandemic Spreading In Algeria. SocioEconomic Challenges, 2022, 6, 24-40.	0.4	11
402	Impact analysis of COVID-19 outbreak on cold supply chains of perishable products using a SWARA based MULTIMOORA approach. Operations Management Research, 2022, 15, 1290-1314.	5.0	8
403	Pandemic wave trends in COVID-19 cases, mobility reduction, and climate parameters in major metropolitan areas in the United States. Environment Systems and Decisions, 2022, 42, 350-361.	1.9	3
404	A narrative review on the role of temperature and humidity in COVID-19: Transmission, persistence, and epidemiological evidence. , 2022, 1, 73-85.		8
405	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
406	Prediction of the Impact of the End of year Festivities on the Local Epidemiology of COVID-19 Using Agent-Based Simulation with Hidden Markov Models. Lecture Notes in Computer Science, 2022, , 61-75.	1.0	2

#	ARTICLE	IF	CITATIONS
407	Spatial correlates of COVID-19 first wave across continental Portugal. <i>Geospatial Health</i> , 2022, 17, .	0.3	3
408	Contact tracing and mobility pattern detection during pandemics – a trajectory cluster based approach. <i>International Journal of Pervasive Computing and Communications</i> , 2022, ahead-of-print, .	1.1	0
409	AREAdata: A worldwide climate dataset averaged across spatial units at different scales through time. <i>Data in Brief</i> , 2022, 43, 108438.	0.5	0
410	A deep learning approach for Spatio-Temporal forecasting of new cases and new hospital admissions of COVID-19 spread in Reggio Emilia, Northern Italy. <i>Journal of Biomedical Informatics</i> , 2022, 132, 104132.	2.5	9
411	Lessons from a pandemic. <i>PLOS Global Public Health</i> , 2022, 2, e0000404.	0.5	1
412	The impact of environmental and climate parameters on the incidence and mortality of COVID-19 in the six Gulf Cooperation Council countries: A cross-country comparison study. <i>PLoS ONE</i> , 2022, 17, e0269204.	1.1	1
413	Generating High-Granularity COVID-19 Territorial Early Alerts Using Emergency Medical Services and Machine Learning. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9012.	1.2	1
414	Epidemiological Comparison of Four COVID-19 Waves in the Democratic Republic of the Congo, March 2020–January 2022. <i>Journal of Epidemiology and Global Health</i> , 2022, 12, 316-327.	1.1	13
415	COVID-19 pandemic, global advisories and the imperatives of strengthening the public healthcare system: Nigeria in context. <i>International Journal of Health Governance</i> , 2022, 27, 441.	0.6	3
416	The effects of indoor temperature and humidity on local transmission of COVID-19 and how it relates to global trends. <i>PLoS ONE</i> , 2022, 17, e0271760.	1.1	6
417	Seasonal variation in SARS-CoV-2 transmission in temperate climates: A Bayesian modelling study in 143 European regions. <i>PLoS Computational Biology</i> , 2022, 18, e1010435.	1.5	23
418	Does the internet help governments contain the COVID-19 pandemic? Multi-country evidence from online human behaviour. <i>Government Information Quarterly</i> , 2022, 39, 101749.	4.0	2
419	Impact of air pollutants on COVID-19 transmission: a study over different metropolitan cities in India. <i>Environment, Development and Sustainability</i> , 2023, 25, 12873-12885.	2.7	2
420	IgG antibodies to SARS-CoV-2 in asymptomatic blood donors at two time points in Karachi. <i>PLoS ONE</i> , 2022, 17, e0271259.	1.1	6
421	High-Speed railways and the spread of Covid-19. <i>Travel Behaviour & Society</i> , 2023, 30, 1-10.	2.4	5
422	High-Speed Railways and the Spread of Covid-19. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
423	Spatial Epidemiology of COVID-19 Pandemic: Disease Risk, Prognosis, and Complications. , 2022, , 241-257.		1
424	The COVID-19 Pandemic and the International Geographical Union. , 2022, , 2677-2703.		0

#	ARTICLE	IF	CITATIONS
425	Correlating indoor and outdoor temperature and humidity in megacities in China. E3S Web of Conferences, 2022, 356, 03037.	0.2	0
426	COVID-19-Pandemie: Transfer von Methoden der Technischen Zuverlässigkeit zur Analyse von Ausbreitungsverhalten und Eindämmungsmaßnahmen. , 2022, , 95-114.		0
427	The Association of Latitude and Altitude with COVID-19 Symptoms: A VIRUS: COVID-19 Registry Analysis. Open Respiratory Medicine Journal, 2022, 16, .	1.3	0
428	Combining and comparing regional SARS-CoV-2 epidemic dynamics in Italy: Bayesian meta-analysis of compartmental models and global sensitivity analysis. Frontiers in Public Health, 0, 10, .	1.3	0
429	Memorable dining experiences amidst the COVID-19 pandemic. International Journal of Contemporary Hospitality Management, 2023, 35, 871-892.	5.3	5
430	Human Responses in Public Health Emergencies for Infectious Disease Control: An Overview of Controlled Topologies for Biomedical Applications. Contrast Media and Molecular Imaging, 2022, 2022, 1-17.	0.4	1
431	Influence of weather factors on the incidence of COVID-19 in Spain. Medicina Clínica (English Edition), 2022, 159, 255-261.	0.1	3
432	Special Feature on social, economic, and spatial impacts of COVID-19 pandemic in Turkey. Asia-Pacific Journal of Regional Science, 2022, 6, 1041-1051.	1.1	2
433	Does climate help modeling COVID-19 risk and to what extent?. PLoS ONE, 2022, 17, e0273078.	1.1	5
435	Spatial-Temporal Pattern Evolution of Public Sentiment Responses to the COVID-19 Pandemic in Small Cities of China: A Case Study Based on Social Media Data Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 11306.	1.2	2
436	Place-based factors affecting COVID-19 incidences in Turkey. Asia-Pacific Journal of Regional Science, 2022, 6, 1053-1086.	1.1	3
438	COVID-19 in Cabo Verde: an assessment of the first six months of the pandemic in the country. Journal of Public Health in Africa, 2022, 13, .	0.2	0
439	A delayed modulation of solar ultraviolet radiation on the <scp>COVID</scp>â€19 transmission reflects an incubation period. Meteorological Applications, 2022, 29, .	0.9	1
440	Investigating the effects of absolute humidity and movement on COVID-19 seasonality in the United States. Scientific Reports, 2022, 12, .	1.6	10
442	Global-scale modeling of early factors and country-specific trajectories of COVID-19 incidence: a cross-sectional study of the first 6â€months of the pandemic. BMC Public Health, 2022, 22, .	1.2	0
443	Socially Sustainable Accessibility to Goods and Services in the Metropolitan Area of ConcepciÃ³n, Chile, Post-COVID-19. Sustainability, 2022, 14, 14042.	1.6	1
444	Analysis of the Lockdown Effects on the Economy, Environment, and COVID-19 Spread: Lesson Learnt from a Global Pandemic in 2020. International Journal of Environmental Research and Public Health, 2022, 19, 12868.	1.2	7
445	Actual conditions of person-to-object contact and a proposal for prevention measures during the COVID-19 pandemic. Scientific Reports, 2022, 12, .	1.6	0

#	ARTICLE	IF	CITATIONS
446	Usefulness of open data to determine the incidence of COVID-19 and its relationship with atmospheric variables in Spain during the 2020 lockdown. <i>Technological Forecasting and Social Change</i> , 2023, 186, 122108.	6.2	1
447	Effects of hydrometeorological and other factors on SARS-CoV-2 reproduction number in three contiguous countries of tropical Andean South America: a spatiotemporally disaggregated time series analysis. <i>IJD Regions</i> , 2023, 6, 29-41.	0.5	6
448	The non-linear and interactive effects of meteorological factors on the transmission of COVID-19: A panel smooth transition regression model for cities across the globe. <i>International Journal of Disaster Risk Reduction</i> , 2023, 84, 103478.	1.8	3
449	Combating COVID-19 crisis and exploring heat-based simple solutions. <i>Physics and Chemistry of the Earth</i> , 2023, 129, 103333.	1.2	1
450	COVID-19 Outbreak Related to PM10, PM2.5, Air Temperature and Relative Humidity in Ahvaz, Iran. <i>Dr Sulaiman Al Habib Medical Journal</i> , 2022, 4, 182-195.	0.3	3
451	Impact of Different Transportation Modes on the Transmission of COVID-19: Correlation and Strategies from a Case Study in Wuhan, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 15705.	1.2	3
453	Impact of meteorological factors and population density on COVID-19 pandemic in Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2022, , 103545.	1.8	1
454	A Deep Batch Normalized Convolution Approach for Improving COVID-19 Detection from Chest X-ray Images. <i>Pathogens</i> , 2023, 12, 17.	1.2	11
455	Effects of air pollution and weather on the initial COVID-19 outbreaks in United States, Italy, Spain, and China: A comparative study. <i>Risk Analysis</i> , 0, , .	1.5	1
456	A Statistical Investigation into the COVID-19 Outbreak Spread. <i>Environmental Health Insights</i> , 2023, 17, 117863022211474.	0.6	2
457	Seasonal Variation and Geographical Distribution of COVID-19 across Nigeria (March 2020–July 2021). <i>Vaccines</i> , 2023, 11, 298.	2.1	3
458	Generating simple classification rules to predict local surges in COVID-19 hospitalizations. <i>Health Care Management Science</i> , 0, , .	1.5	1
459	Spatiotemporal association between weather and Covid-19 explored by machine learning. <i>Spatial Information Research</i> , 0, , .	1.3	0
460	Influence of meteorological factors on the severity of COVID-19 in Spain: Observational ecological study. <i>Medicina Clínica (English Edition)</i> , 2023, , .	0.1	0
461	Spatial shifting of COVID-19 clusters and disease association with environmental parameters in India: A time series analysis. <i>Environmental Research</i> , 2023, 222, 115288.	3.7	3
462	Disparities in COVID-19 incidence and fatality rates at high-altitude. <i>PeerJ</i> , 0, 11, e14473.	0.9	0
463	Application of Stress and Anxiety to Viral Epidemics-6 to Measure the Anxiety Response of Cold Chain Practitioners During the COVID-19 Post-Pandemic Era in China. <i>Psychiatry Investigation</i> , 2023, 20, 75-83.	0.7	1
464	Effects of High Temperature on COVID-19 Deaths in U.S. Counties. <i>GeoHealth</i> , 2023, 7, .	1.9	4

#	ARTICLE	IF	CITATIONS
465	Seasonal effects decouple SARS-CoV-2 haplotypes worldwide. F1000Research, 0, 12, 267.	0.8	4
466	Assessing the Risk of Spreading COVID-19 in the Room Utilizing Low-Cost Monitoring System. Applied System Innovation, 2023, 6, 40.	2.7	1
467	Seasonal variation of Covid-19 incidence and role of land surface and air temperatures: a case study in the west of Iran. International Journal of Environmental Health Research, 2024, 34, 1342-1354.	1.3	0
468	The Influence of Meteorological Factors on the Effect of SARS-CoV-2 Transmission and Its Delayed Effect. , 0, 40, 297-304.		0
469	Association of the corona virus (Covid-19) epidemic with environmental risk factors. Environmental Science and Pollution Research, 0, , .	2.7	2
470	Early-phase pandemic in Italy: Covid-19 spread determinant factors. Heliyon, 2023, 9, e15358.	1.4	0
475	GeoAI-Based Covid-19 Prediction Model. Lecture Notes in Networks and Systems, 2023, , 669-684.	0.5	0
487	The impact of anthropogenic climate change on pediatric viral diseases. Pediatric Research, 0, , .	1.1	1
488	Modelling and Predicting the Dynamics of Confirmed COVID-19 Cases Based on Climate Data. Contributions To Statistics, 2023, , 105-115.	0.2	0
493	Analyzing and Predicting Temperature Trends in a Metropolitan Area Using Time Series Analysis and Machine Learning Techniques. Lecture Notes in Networks and Systems, 2024, , 395-409.	0.5	0