Indoor transmission of SARSâ€CoVâ€2

Indoor Air

31, 639-645

DOI: 10.1111/ina.12766

Citation Report

#	Article	IF	Citations
1	What We Can Learn from Environmental and Outdoor Education during COVID-19: A Lesson in Participatory Risk Management. Sustainability, 2020, 12, 9096.	1.6	13
2	Devilishly radical NETwork in COVID-19: Oxidative stress, neutrophil extracellular traps (NETs), and T cell suppression. Advances in Biological Regulation, 2020, 77, 100741.	1.4	172
3	SARS-CoV-2 pandemic: An overview. Advances in Biological Regulation, 2020, 77, 100736.	1.4	65
4	The novel SARS-CoV-2 pandemic: Possible environmental transmission, detection, persistence and fate during wastewater and water treatment. Science of the Total Environment, 2021, 765, 142746.	3.9	70
5	Review and comparison of HVAC operation guidelines in different countries during the COVID-19 pandemic. Building and Environment, 2021, 187, 107368.	3.0	147
6	Reinventing Cloth Masks in the Face of Pandemics. Risk Analysis, 2021, 41, 731-744.	1.5	13
7	Face Mask Use and Physical Distancing before and after Mandatory Masking: No Evidence on Risk Compensation in Public Waiting Lines. SSRN Electronic Journal, 0, , .	0.4	3
9	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
10	Eviction, Health Inequity, and the Spread of COVID-19: Housing Policy as a Primary Pandemic Mitigation Strategy. Journal of Urban Health, 2021, 98, 1-12.	1.8	156
11	Long, thin transmission chains of Severe Acute Respiratory Syndrome Coronavirus 2 may go undetected for several weeks at low to moderate reproduction numbers: Implications for containment and elimination strategy. Infectious Disease Modelling, 2021, 6, 474-489.	1.2	3
12	A Defense of the Classical Model of Transmission of Respiratory Pathogens. Clinical Infectious Diseases, 2021, 73, 1318.	2.9	4
14	Aiding decision makers to reopening of places of worship. Human Factors and Ergonomics in Manufacturing, 2021, 31, 349-359.	1.4	3
16	Quantifying Proximity, Confinement, and Interventions in Disease Outbreaks: A Decision Support Framework for Air-Transported Pathogens. Environmental Science & Technology, 2021, 55, 2890-2898.	4.6	19
17	Widening the gap? Unintended consequences of health promotion measures for young people during COVID-19 lockdown. Health Promotion International, 2021, 36, 1783-1794.	0.9	12
18	Impacts of interpersonal distancing on-board trains during the COVID-19 emergency. European Transport Research Review, 2021, 13, .	2.3	32
19	Simulation-based study of COVID-19 outbreak associated with air-conditioning in a restaurant. Physics of Fluids, 2021, 33, 023301.	1.6	110
20	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. Environment International, 2021, 147, 106326.	4.8	119
22	Recommendations for Face Coverings While Exercising During the COVID-19 Pandemic. Sports Medicine - Open, 2021, 7, 19.	1.3	10

#	Article	IF	Citations
23	The Science Behind Safe School Re-Opening: Leveraging the Pillars of Infection Control to Support Safe Elementary and Secondary Education During the COVID-19 Pandemic. Open Forum Infectious Diseases, 0, , .	0.4	3
24	Seasonal variation in airborne infection risk in schools due to changes in ventilation inferred from monitored carbon dioxide. Indoor Air, 2021, 31, 1154-1163.	2.0	44
25	Low secondary transmission rates of SARS-CoV-2 infection among contacts of construction laborers at open air environment. Germs, 2021, 11, 128-131.	0.5	9
27	A call to action: Improving urban green spaces to reduce health inequalities exacerbated by COVID-19. Preventive Medicine, 2021, 145, 106425.	1.6	84
28	Impact of Personal Protection Habits on the Spread of Pandemics: Insights from an Agent-Based Model. Scientific World Journal, The, 2021, 2021, 1-14.	0.8	11
29	A guideline to limit indoor airborne transmission of COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	313
30	Exhaled CO₂ as a COVID-19 Infection Risk Proxy for Different Indoor Environments and Activities. Environmental Science and Technology Letters, 2021, 8, 392-397.	3.9	180
31	Why cleaning the invisible in restaurants is important during COVID-19: A case study of indoor air quality of an open-kitchen restaurant. International Journal of Hospitality Management, 2021, 94, 102854.	5.3	38
32	Performance comparison of heat recovery systems to reduce viral contagion in indoor environments. Applied Thermal Engineering, 2021, 190, 116843.	3.0	15
33	Transmission of COVID-19 in 282 clusters in Catalonia, Spain: a cohort study. Lancet Infectious Diseases, The, 2021, 21, 629-636.	4.6	303
36	Hypothesis: SARSâ€CoVâ€2 transmission is predominated by the shortâ€range airborne route and exacerbated by poor ventilation. Indoor Air, 2021, 31, 921-925.	2.0	37
37	Ventilation Assessment by Carbon Dioxide Levels in Dental Treatment Rooms. Journal of Dental Research, 2021, 100, 810-816.	2.5	23
38	Natural Ventilation Characterization in a Classroom under Different Scenarios. International Journal of Environmental Research and Public Health, 2021, 18, 5425.	1.2	10
39	Probable airborne transmission of SARS-CoV-2 in a poorly ventilated restaurant. Building and Environment, 2021, 196, 107788.	3.0	367
40	Perceived Health Impact and Usage of Public Green Spaces in Brussels' Metropolitan Area During the COVID-19 Epidemic. Frontiers in Sustainable Cities, 2021, 3, .	1.2	10
41	Why airborne transmission hasn't been conclusive in case of COVID-19? An atmospheric science perspective. Science of the Total Environment, 2021, 773, 145525.	3.9	42
42	Impact of outdoor and indoor meteorological conditions on the COVID-19 transmission in the western region of Saudi Arabia. Journal of Environmental Management, 2021, 288, 112392.	3.8	24
43	Impacts of the COVID-19 Pandemic on Active Travel Mode Choice in Bangladesh: A Study from the Perspective of Sustainability and New Normal Situation. Sustainability, 2021, 13, 6975.	1.6	40

#	Article	IF	Citations
44	Temperature and population density influence SARS-CoV-2 transmission in the absence of nonpharmaceutical interventions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	95
45	Guidelines for Mountain Rescue During the COVID-19 Pandemic: Official Guidelines of the International Commission for Alpine Rescue. High Altitude Medicine and Biology, 2021, 22, 128-141.	0.5	5
46	Novel measurement system for respiratory aerosols and droplets in indoor environments. Indoor Air, 2021, 31, 1860-1873.	2.0	7
47	Business Restrictions and COVID-19 Fatalities. Review of Financial Studies, 2021, 34, 5266-5308.	3.7	40
48	Correlating indoor and outdoor temperature and humidity in a sample of buildings in tropical climates. Indoor Air, 2021, 31, 2281-2295.	2.0	16
49	Clarification Regarding â€œOutdoor Transmission of SARS-CoV-2 and Other Respiratory Viruses: A Systematic Reviewâ€• Journal of Infectious Diseases, 2021, 224, 925-926.	1.9	5
50	SARS-CoV-2 detection status associates with bacterial community composition in patients and the hospital environment. Microbiome, 2021, 9, 132.	4.9	37
51	Probable aerosol transmission of SARSâ€CoVâ€2 in a poorly ventilated courtroom. Indoor Air, 2021, 31, 1776-1785.	2.0	31
52	Affordable measures to monitor and alarm nosocomial SARSâ€CoVâ€2 infection due to poor ventilation. Indoor Air, 2021, 31, 1833-1842.	2.0	18
53	Assessment of CO2 and aerosol (PM2.5, PM10, UFP) concentrations during the reopening of schools in the COVID-19 pandemic: The case of a metropolitan area in Central-Southern Spain. Environmental Research, 2021, 197, 111092.	3.7	42
54	Distribution of SARS-CoV-2 RNA signal in a home with COVID-19 positive occupants. Science of the Total Environment, 2021, 778, 146201.	3.9	39
55	Indoor air quality: Persisting global issue that impacts students' performance and health. Indoor and Built Environment, 2021, 30, 1587-1588.	1.5	4
56	Lack of cross-transmission of SARS-CoV-2 between passenger's cabins on the Diamond Princess cruise ship. Building and Environment, 2021, 198, 107839.	3.0	14
60	Measuring interpersonal transmission of expiratory droplet nuclei in close proximity. Indoor and Built Environment, 2022, 31, 1306-1318.	1.5	10
61	Assessing the Risk in Urban Public Transport for Epidemiologic Factors. Energies, 2021, 14, 4513.	1.6	6
63	COVID-19 false dichotomies and a comprehensive review of the evidence regarding public health, COVID-19 symptomatology, SARS-CoV-2 transmission, mask wearing, and reinfection. BMC Infectious Diseases, 2021, 21, 710.	1.3	118
64	The risk of indoor sports and culture events for the transmission of COVID-19. Nature Communications, 2021, 12, 5096.	5.8	85
65	Managing school interaction networks during the COVID-19 pandemic: Agent-based modeling for evaluating possible scenarios when students go back to classrooms. PLoS ONE, 2021, 16, e0256363.	1.1	3

#	Article	IF	Citations
66	Viral Load of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Respiratory Aerosols Emitted by Patients With Coronavirus Disease 2019 (COVID-19) While Breathing, Talking, and Singing. Clinical Infectious Diseases, 2022, 74, 1722-1728.	2.9	143
67	A mathematical assessment of the efficiency of quarantining and contact tracing in curbing the COVID-19 epidemic. Mathematical Modelling of Natural Phenomena, 2021, 16, 53.	0.9	5
68	County-level exposures to greenness and associations with COVID-19 incidence and mortality in the United States. Environmental Research, 2021, 199, 111331.	3.7	59
69	A systematic approach to estimating the effectiveness of multi-scale IAQ strategies for reducing the risk of airborne infection of SARS-CoV-2. Building and Environment, 2021, 200, 107926.	3.0	79
70	(Un)mask yourself! Effects of face masks on facial mimicry and emotion perception during the COVID-19 pandemic. Cognition and Emotion, 2022, 36, 59-69.	1.2	48
71	Airborne transmission of SARS-CoV-2 in indoor environments: A comprehensive review. Science and Technology for the Built Environment, 2021, 27, 1331-1367.	0.8	44
72	Are the Portable Air Cleaners (PAC) really effective to terminate airborne SARS-CoV-2?. Science of the Total Environment, 2021, 785, 147300.	3.9	51
73	Critical Capability Needs for Reduction of Transmission of SARS-CoV-2 Indoors. Frontiers in Bioengineering and Biotechnology, 2021, 9, 641599.	2.0	1
74	Colliding and interacting microbiomes and microbial communities â€•consequences for human health. Environmental Microbiology, 2021, , .	1.8	4
77	Assessment of effective mitigation and prediction of the spread of SARS-CoV-2 in Germany using demographic information and spatial resolution. Mathematical Biosciences, 2021, 339, 108648.	0.9	20
78	Moderation effect of urban density on changes in physical activity during the coronavirus disease 2019 pandemic. Sustainable Cities and Society, 2021, 72, 103058.	5.1	17
79	A Study on the Effect of Integrated Ozone and UVC-LED Approaches on the Reduction of Salmonella typhimurium Bacteria in Droplets. Asian Journal of Atmospheric Environment, 2021, 15, 65-74.	0.4	2
80	Practical Impact of the COVID-19 Pandemic on Indoor Air Quality and Thermal Comfort in Kindergartens. A Case Study of Slovenia. International Journal of Environmental Research and Public Health, 2021, 18, 9712.	1.2	10
81	SARS-CoV-2 spillover into hospital outdoor environments. Journal of Hazardous Materials Letters, 2021, 2, 100027.	2.0	33
82	A novel U-shaped acoustic-manipulated design to enhance the performance of low-efficiency filters for sub-micron particles. Powder Technology, 2021, 392, 412-423.	2.1	4
83	Effects of large gatherings on the COVID-19 epidemic: Evidence from professional and college sports. Economics and Human Biology, 2021, 43, 101033.	0.7	22
84	Transmission in home environment associated with the second wave of COVID-19 pandemic in India. Environmental Research, 2022, 204, 111910.	3.7	14
85	SARS-CoV-2 in residential rooms of two self-isolating persons with COVID-19. Journal of Aerosol Science, 2022, 159, 105870.	1.8	34

#	Article	IF	Citations
86	Machine Learning on the COVID-19 Pandemic, Human Mobility and Air Quality: A Review. IEEE Access, 2021, 9, 72420-72450.	2.6	44
87	Lessons from movement ecology for the return to work: Modeling contacts and the spread of COVID-19. PLoS ONE, 2021, 16, e0242955.	1.1	6
88	An estimation of undetected COVID cases in France. Nature, 2021, 590, 38-39.	13.7	11
89	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
90	Contact network models matching the dynamics of the COVID-19 spreading. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 035601.	0.7	10
100	Transmission of SARSâ€CoVâ€2 by inhalation of respiratory aerosol in the Skagit Valley Chorale superspreading event. Indoor Air, 2021, 31, 314-323.	2.0	505
101	Superspreading events in the transmission dynamics of SARS-CoV-2: Opportunities for interventions and control. PLoS Biology, 2020, 18, e3000897.	2.6	183
102	Making sense of rapid antigen testing in severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) diagnostics. Diagnosis, 2021, 8, 27-31.	1.2	43
103	Face Mask Use and Physical Distancing before and after Mandatory Masking: Evidence from Public Waiting Lines. SSRN Electronic Journal, 0, , .	0.4	25
104	Effects of Large Gatherings on the COVID-19 Epidemic: Evidence From Professional and College Sports. SSRN Electronic Journal, 0, , .	0.4	2
105	Association of Country-wide Coronavirus Mortality with Demographics, Testing, Lockdowns, and Public Wearing of Masks. American Journal of Tropical Medicine and Hygiene, 2020, 103, 2400-2411.	0.6	138
106	COVID-19 and Public Transportation: Current Assessment, Prospects, and Research Needs. Journal of Public Transportation, 2020, 22, .	0.3	490
107	Separation and Disinfection of Contagious Aerosols from the Perspective of SARS-CoV-2. Separations, 2021, 8, 190.	1.1	3
108	Evaluating methods for estimating whole house air infiltration rates in summer: implications for overheating and indoor air quality. International Journal of Building Pathology and Adaptation, 2021, ahead-of-print, .	0.7	6
109	Resilient Built Environment: Critical Review of the Strategies Released by the Sustainability Rating Systems in Response to the COVID-19 Pandemic. Sustainability, 2021, 13, 11164.	1.6	9
110	Computational study on the transmission of the SARS-CoV-2 virus through aerosol in an elevator cabin: Effect of the ventilation system. Physics of Fluids, 2021, 33, 103325.	1.6	9
111	Multiple airflow patterns in human microenvironment and the influence on short-distance airborne cross-infection â€“ A review. Indoor and Built Environment, 2022, 31, 1161-1175.	1.5	25
112	SARS-CoV-2 transmission during an indoor professional sporting event. Scientific Reports, 2021, 11, 20723.	1.6	13

#	Article	IF	Citations
113	Poor ventilation worsens shortâ€range airborne transmission of respiratory infection. Indoor Air, 2022, 32, .	2.0	47
114	Evaluation of multiple fixed in-room air cleaners with ultraviolet germicidal irradiation, in high-occupancy areas of selected commercial indoor environments. Journal of Occupational and Environmental Hygiene, 2022, 19, 67-77.	0.4	10
115	Pandemic Housing Policy: Examining the Relationship Among Eviction, Housing Instability, Health Inequity, and COVID-19 Transmission. SSRN Electronic Journal, 0, , .	0.4	1
116	â€˜The petri dish and Russian rouletteâ€™: working in UK contact centres during the COVID-19 pandemic. Work in the Global Economy, 2021, 1, 185-208.	0.6	3
117	Assessing the use of portable air cleaners for reducing exposure to airborne diseases in a conference room with thermal stratification. Building and Environment, 2022, 207, 108441.	3.0	17
120	A new method for air exchange efficiency assessment including natural and mixed mode ventilation. Energy and Buildings, 2022, 254, 111553.	3.1	6
121	The Impact of Large Mobile Air Purifiers on Aerosol Concentration in Classrooms and the Reduction of Airborne Transmission of SARS-CoV-2. International Journal of Environmental Research and Public Health, 2021, 18, 11523.	1.2	29
124	Field study of the indoor environments for preventing the spread of the SARSâ€CoVâ€2 in Seoul. Indoor Air, 2022, 32, .	2.0	4
125	Revisiting COVID-19 policies: 10 evidence-based recommendations for where to go from here. BMC Public Health, 2021, 21, 2084.	1.2	30
126	Investigation of HVAC operation strategies for office buildings during COVID-19 pandemic. Building and Environment, 2022, 207, 108519.	3.0	39
127	Invited Perspective: Ambient Air Pollution and SARS-CoV-2: Research Challenges and Public Health Implications. Environmental Health Perspectives, 2021, 129, 111303.	2.8	5
128	Functional Settings of Hospital Outdoor Spaces and the Perceptions from Public and Hospital Occupant during COVID-19. Healthcare (Switzerland), 2021, 9, 1534.	1.0	5
129	Investigating spatiotemporal indoor contact patterns using ABM and STKDE. , 2021, , .		3
130	Face masks increase compliance with physical distancing recommendations during the COVID-19 pandemic. Journal of the Economic Science Association, 2021, 7, 139-158.	1.8	22
131	Thermal environment investigation of asymmetric radiation coupled with convection heating. Building Simulation, 2022, 15, 1309-1321.	3.0	8
132	International consensus on lung function testing during the COVID-19 pandemic and beyond. ERJ Open Research, 2022, 8, 00602-2021.	1.1	27
133	High variability in transmission of SARS-CoV-2 within households and implications for control. PLoS ONE, 2021, 16, e0259097.	1.1	11
134	Global Assessment of the Impact of Masking on COVID-19: A Country Level Comparative and Retrospective Analyses Using the Richards Model. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
135	A Survey of COVID-19 in Public Transportation: Transmission Risk, Mitigation and Prevention. SSRN Electronic Journal, 0, , .	0.4	0
136	A review of COVID-19 transmission dynamics and clinical outcomes on cruise ships worldwide, January to October 2020. Eurosurveillance, 2022, 27, .	3.9	6
137	Investigation of a Limited but Explosive COVID-19 Outbreak in a German Secondary School. Viruses, 2022, 14, 87.	1.5	16
138	Experimental testing of air filter efficiency against the SARS-CoV-2 virus: The role of droplet and airborne transmission. Building and Environment, 2022, 210, 108728.	3.0	5
139	A Eulerian-Lagrangian approach for the non-isothermal and transient CFD analysis of the aerosol airborne dispersion in a car cabin. Building and Environment, 2022, 209, 108648.	3.0	20
140	A critical review on occupant behaviour modelling for building performance simulation of naturally ventilated school buildings and potential changes due to the COVID-19 pandemic. Energy and Buildings, 2022, 258, 111831.	3.1	23
141	Dynamics of evaporating respiratory droplets in the vicinity of vortex dipoles. International Journal of Multiphase Flow, 2022, 148, 103901.	1.6	6
142	A stochastic contact network model for assessing outbreak risk of COVID-19 in workplaces. PLoS ONE, 2022, 17, e0262316.	1.1	4
143	Utilization of dental services and health literacy by older seniors during the COVID-19 pandemic. BMC Geriatrics, 2022, 22, 84.	1.1	1
144	The impact of natural environments and biophilic design as supportive and nurturing spaces on a residential college campus. Cogent Social Sciences, 2022, 8, .	0.5	6
145	Environmental Factors Influencing COVID-19 Incidence and Severity. Annual Review of Public Health, 2022, 43, 271-291.	7.6	71
146	Characteristics of transmission routes of COVID-19 cluster infections in Gangwon Province, Korea. Epidemiology and Infection, 2022, 150, e19.	1.0	5
147	Respiratory pandemic and indoor aeraulics of classrooms. Building and Environment, 2022, 212, 108756.	3.0	3
148	A Sanitation Argument for Clean Indoor Air: Meeting a Requisite for Safe Public Spaces. Frontiers in Public Health, 2022, 10, 805780.	1.3	0
149	Outbreak of SARS-CoV-2 at a hospice: terminated after the implementation of enhanced aerosol infection control measures. Interface Focus, 2022, 12, 20210066.	1.5	9
150	A UV-LED module that is highly effective at inactivating human coronaviruses and HIV-1. Virology Journal, 2022, 19, 29.	1.4	4
151	Ecological studies of COVID-19 and air pollution: How useful are they?. Environmental Epidemiology, 2022, 6, e195.	1.4	8
152	High attack rate in a Tong Lau house outbreak of COVID-19 with subdivided units in Hong Kong. Interface Focus, 2022, 12, 20210063.	1.5	12

#	Article	IF	Citations
153	Spread of SARS-CoV-2 aerosols via two connected drainage stacks in a high-rise housing outbreak of COVID-19. Journal of Hazardous Materials, 2022, 430, 128475.	6.5	18
154	Critical Role of the Subways in the Initial Spread of SARS-CoV-2 in New York City. Frontiers in Public Health, 2021, 9, 754767.	1.3	10
155	The COVID-19 pandemic in an interdependent world: Digital health as a tool for equity and gender empowerment. , 2022, , 109-136.		1
157	Reduction of exposure to simulated respiratory aerosols using ventilation, physical distancing, and universal masking. Indoor Air, 2022, 32, e12987.	2.0	7
158	Modeling the Airborne Transmission of SARS-CoV-2 in Public Transport. Atmosphere, 2022, 13, 389.	1.0	7
159	Airborne Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Hospitals: Effects of Aerosol-Generating Procedures, HEPA-Filtration Units, Patient Viral Load, and Physical Distance. Clinical Infectious Diseases, 2022, 75, e89-e96.	2.9	24
161	Exposure Risk to Medical Staff in a Nasopharyngeal Swab Sampling Cabin under Four Different Ventilation Strategies. Buildings, 2022, 12, 353.	1.4	3
162	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
163	Correlation between mobility in mass transport and mortality due to COVID-19: A comparison of Mexico City, New York, and Madrid from a data science perspective. PLoS ONE, 2022, 17, e0264713.	1.1	3
164	The use of public transport and contraction of SARS-CoV-2 in a large prospective cohort in Norway. BMC Infectious Diseases, 2022, 22, 252.	1.3	8
165	Human Close Contact Behavior-Based Interventions for COVID-19 Transmission. Buildings, 2022, 12, 365.	1.4	7
166	Optimization of energy efficiency and COVID-19 pandemic control in different indoor environments. Energy and Buildings, 2022, 261, 111954.	3.1	26
168	Effectiveness of Interventions for Controlling COVID-19 Transmission between Construction Workers and Their Close Contacts. Journal of Management in Engineering - ASCE, 2022, 38, .	2.6	5
169	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
170	The association between daily-diagnosed COVID-19 morbidity and short-term exposure to PM1 is larger than associations with PM2.5 and PM10. Environmental Research, 2022, 210, 113016.	3.7	8
171	Adherence and sustainability of interventions informing optimal control against the COVID-19 pandemic. Communications Medicine, 2021, 1, .	1.9	21
172	Efficacy of Ventilation, HEPA Air Cleaners, Universal Masking, and Physical Distancing for Reducing Exposure to Simulated Exhaled Aerosols in a Meeting Room. Viruses, 2021, 13, 2536.	1.5	19
173	No neutralizing effect of pre-existing tick-borne encephalitis virus antibodies against severe acute respiratory syndrome coronavirus-2: a prospective healthcare worker study. Scientific Reports, 2021, 11, 24198.	1.6	0

#	Article	IF	Citations
174	Effectiveness of Safety Interventions in Fire Engines to Reduce Potential Airborne Transmission of SARS-CoV-2. Fire, 2021, 4, 98.	1.2	1
175	Impact of the first superspreading outbreak of COVID-19 related to a nightlife establishment in Andalusia, Spain. Journal of Healthcare Quality Research, 2021, , .	0.2	0
176	Extreme Precipitation Events and Infectious Disease Risk: A Scoping Review and Framework for Infectious Respiratory Viruses. International Journal of Environmental Research and Public Health, 2022, 19, 165.	1.2	9
177	Assessing the efficacy of interventions to control indoor SARS-Cov-2 transmission: An agent-based modeling approach. Epidemics, 2021, 37, 100524.	1.5	20
178	Face mask use and physical distancing before and after mandatory masking: No evidence on risk compensation in public waiting lines. Journal of Economic Behavior and Organization, 2021, 192, 765-781.	1.0	21
179	Persistence of viable MS2 and Phi6 bacteriophages on carpet and dust. Indoor Air, 2022, 32, .	2.0	6
180	Indoor aerosol science aspects of SARSâ€€CoVâ€2 transmission. Indoor Air, 2022, 32, .	2.0	36
181	SARS-CoV2 and Air Pollution Interactions: Airborne Transmission and COVID-19. Molecular Frontiers Journal, 2022, 06, 1-6.	0.9	1
183	A Eulerian-Lagrangian approach for the CFD analysis of airborne disease transmission in a car cabin. Journal of Physics: Conference Series, 2022, 2177, 012015.	0.3	1
184	Evaluation of the effects of meteorological factors on COVID-19 prevalence by the distributed lag nonlinear model. Journal of Translational Medicine, 2022, 20, 170.	1.8	12
185	Association of Short-term Air Pollution Exposure With SARS-CoV-2 Infection Among Young Adults in Sweden. JAMA Network Open, 2022, 5, e228109.	2.8	12
186	Covid-19 Pandemisinin Turistlerin Ruhu ve GÃ¼venli Seyahat iÃ§in Toplu TaÅŸÄ±ma Sistemi Ãœzerinde Etkilerini Analiz Etmek: Hindistan Ãœzerine Bir Vaka Ã‡alÄ±ÅŸmasÄ±. Afro Eurasian Studies, 2022, 10, 27-46.	0.1	1
187	Management of patients with SARS-CoV-2 infections with focus on patients with chronic lung diseases (as of 10 January 2022). Wiener Klinische Wochenschrift, 2022, 134, 399-419.	1.0	1
188	Aerosol Transmission of SARS-CoV-2 in Two Dormitories â€" Hubei and Shandong Provinces, China, 2020. China CDC Weekly, 2022, 4, 298-301.	1.0	2
189	Elucidating the role of environmental management of forests, air quality, solid waste and wastewater on the dissemination of SARS-CoV-2. , 2022, 3, 100006.		4
190	COVID-19 and Historical Parallels. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 151-172.	0.1	0
191	Exposure and respiratory infection risk via the short-range airborne route. Building and Environment, 2022, 219, 109166.	3.0	13
192	Enhancement effect of human movement on the high risk range of viral aerosols exhaled by a sitting person. Building and Environment, 2022, 218, 109136.	3.0	11

#	Article	IF	Citations
193	Evaluating SARSâ€CoVâ€2 airborne quanta transmission and exposure risk in a mechanically ventilated multizone office building. Building and Environment, 2022, 219, 109184.	3.0	20
194	SARS-CoV-2 in Environmental Samples of Quarantined Households. Viruses, 2022, 14, 1075.	1.5	30
195	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
196	Home quarantine: A numerical evaluation of SARSâ€CoVâ€2 spread in a singleâ€family house. Indoor Air, 2022, 32, .	2.0	10
197	Viable SARS-CoV-2 Delta Variant Detected in Aerosols in a Residential Setting with a Self-Isolating College Student with COVID-19. SSRN Electronic Journal, 0, , .	0.4	0
198	Indoor transmission of airborne viral aerosol with a simplistic reaction-diffusion model. European Physical Journal: Special Topics, 2022, 231, 3591-3601.	1.2	5
199	Improving thermal model predictions for naturally ventilated buildings using large-eddy simulations. Building and Environment, 2022, , 109241.	3.0	9
200	The Effect of Humidity and Temperature on Indoor and Outdoor COVID-19 Infections. Advances in Meteorology, 2022, 2022, 1-8.	0.6	0
201	Numerical investigation of the effects of environmental conditions, droplet size, and social distancing on droplet transmission in a street canyon. Building and Environment, 2022, 221, 109261.	3.0	13
202	Optimization of COVID-19 prevention and control with low building energy consumption. Building and Environment, 2022, 219, 109233.	3.0	15
203	A capture and inactivation system against pathogens in indoor air using copper nanoparticle decorated melamine sponge hybrid air filters. Environmental Science Advances, 2022, 1, 356-364.	1.0	5
204	Case Report: Assessing COVID-19 Transmission in Professional Volleyball in Germany, September to December 2020: An Epidemiological Study. Frontiers in Sports and Active Living, 0, 4, .	0.9	0
205	Viable SARS-CoV-2 Delta variant detected in aerosols in a residential setting with a self-isolating college student with COVID-19. Journal of Aerosol Science, 2022, 165, 106038.	1.8	23
206	Zonal model for predicting contaminant distribution in stratum ventilated rooms. Indoor Air, 2022, 32, .	2.0	4
207	Modeling impacts of ventilation and filtration methods on energy use and airborne disease transmission in classrooms. Journal of Building Engineering, 2022, 57, 104840.	1.6	1
208	An Old Defence Against New Infections: The Open-Air Factor and COVID-19. Cureus, 2022, , .	0.2	3
209	Optimization of ventilation performance of side air supply for large indoor spaces using deflectors and slot air outlets. Indoor and Built Environment, 2023, 32, 323-342.	1.5	9
210	SARS-CoV-2 infection at the Huanan seafood market. Environmental Research, 2022, 214, 113702.	3.7	8

#	Article	IF	Citations
211	Tradeoffs among indoor air quality, financial costs, and CO2 emissions for HVAC operation strategies to mitigate indoor virus in U.S. office buildings. Building and Environment, 2022, 221, 109282.	3.0	7
212	The impact of crowd gatherings on the spread of COVID-19. Environmental Research, 2022, 213, 113604.	3.7	14
213	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
215	Beyond garden design: A review of outdoor occupation in hospital and residential care settings for people with dementia. Australian Occupational Therapy Journal, 2023, 70, 97-118.	0.6	3
216	SARS-CoV-2 Surveillance in Indoor Air Using Electrochemical Sensor for Continuous Monitoring and Real-Time Alerts. Biosensors, 2022, 12, 523.	2.3	2
217	Performance of upper-room ultraviolet germicidal irradiation (UVGI) system in learning environments: Effects of ventilation rate, UV fluence rate, and UV radiating volume. Sustainable Cities and Society, 2022, 85, 104048.	5.1	12
218	Evaluation of inhalation and touching risks in a moving elevator car based on the airborne transmission of droplet nuclei. Physics of Fluids, 2022, 34, .	1.6	1
219	Physical Activity and Exercise for Older Adults. , 2022, , 64-80.		0
220	A survey of COVID-19 in public transportation: Transmission risk, mitigation and prevention. , 2022, 1, 100030.		16
222	Skip-Stop Strategy Patterns optimization to enhance mass transit operation under physical distancing policy due to COVID-19 pandemic outbreak. Transport Policy, 2022, 126, 225-238.	3.4	3
223	30+ years of knowledge creation: Indoor Air 1991â€“2021. Indoor Air, 2022, 32, .	2.0	3
224	Threat-Induced Sustainability: How Covid-19 has Affected Sustainable Behavioral Intention and Sustainable Hotel Brand Choice. Journal of Hospitality and Tourism Research, 2024, 48, 501-515.	1.8	16
225	Landscape Perception and the Importance of Recreation Areas for Students during the Pandemic Time. International Journal of Environmental Research and Public Health, 2022, 19, 9837.	1.2	4
226	Comprehensive Literature Review on the Impacts of COVID-19 Pandemic on Public Road Transportation System: Challenges and Solutions. Sustainability, 2022, 14, 9586.	1.6	9
227	Examining the association between urban green space and viral transmission of COVID-19 during the early outbreak. Applied Geography, 2022, 147, 102768.	1.7	3
228	Real-Time Learning and Monitoring System in Fighting against SARS-CoV-2 in a Private Indoor Environment. Sensors, 2022, 22, 7001.	2.1	5
229	Numerical Simulations of the Effects of the Radiant Floor Combined with the Displacement Ventilation of the Spread of Exhaled Contaminants in the Confined Space. Lecture Notes in Civil Engineering, 2023, , 465-473.	0.3	0
230	Airborne infection risk of inter-unit dispersion through semi-shaded openings: A case study of a multi-storey building with external louvers. Building and Environment, 2022, 225, 109586.	3.0	6

#	Article	IF	Citations
231	CondiÃ§Ãµes de conforto tÃ©rmico e QAI em salas de aula naturalmente ventiladas durante a pandemia de Covid-19. Ambiente ConstruÃdo, 2022, 22, 217-231.	0.2	1
232	The association of COVID-19 incidence with temperature, humidity, and UV radiation â€“ A global multi-city analysis. Science of the Total Environment, 2023, 854, 158636.	3.9	32
233	Spatial Epidemiology of COVID-19 Pandemic: Disease Risk, Prognosis, and Complications. , 2022, , 241-257.		1
234	Airborne infection probability in relation of room air distribution: an experimental investigation. E3S Web of Conferences, 2022, 356, 05014.	0.2	4
235	Public health ethics: critiques of the â€œnew normalâ€• Monash Bioethics Review, 2022, 40, 1-16.	0.4	6
236	Comparison of Indoor Air Quality in Summer and Winter According to Four-Way Cassette Fan Coil Unit Operation in a Four-Bed Ward. Toxics, 2022, 10, 504.	1.6	3
237	Improving the Effectiveness of Anti-COVID Measures in Buildings: Learning from Usersâ€™ Perception. Buildings, 2022, 12, 1161.	1.4	1
238	Impact of Socioeconomic Deprivation on the Local Spread of COVID-19 Cases Mediated by the Effect of Seasons and Restrictive Public Health Measures: A Retrospective Observational Study in Apulia Region, Italy. International Journal of Environmental Research and Public Health, 2022, 19, 11410.	1.2	6
240	Visit Intention Via Mobile App Usage in Pandemic Alleviation: Influences of Regulatory Focus and Risk. Journal of Hospitality and Tourism Research, 0, , 109634802211230.	1.8	2
241	Multiâ€person movementâ€induced airflow and the effects on virusâ€laden expiratory droplet dispersion in indoor environments. Indoor Air, 2022, 32, .	2.0	6
242	Effect of flow structures on natural ventilation performance in office model. Journal of Visualization, 2023, 26, 289-298.	1.1	2
243	Analysis of Particulate and Microbiological Filtration Performance of Air Handling Unit Filters in a Low-Energy Office Building over 12 Months. Buildings, 2022, 12, 1475.	1.4	1
245	COVID-19 Exposure Assessment Tool (CEAT): Exposure quantification based on ventilation, infection prevalence, group characteristics, and behavior. Science Advances, 2022, 8, .	4.7	7
246	The Lancet Commission on lessons for the future from the COVID-19 pandemic. Lancet, The, 2022, 400, 1224-1280.	6.3	307
247	Effects of covid-induced lockdown on inhabitantsâ€™ perception of indoor air quality in naturally ventilated homes. Air Quality, Atmosphere and Health, 2023, 16, 193-212.	1.5	4
248	Quantification of how mechanical ventilation influences the airborne infection risk of COVID-19 and HVAC energy consumption in office buildings. Building Simulation, 2023, 16, 713-732.	3.0	4
249	Developing public transportation resilience against the epidemic through government tax policies: A game-theoretic approach. Transport Policy, 2022, 128, 229-239.	3.4	1
250	Local ventilation effectiveness dependence on the airflow pattern and temperature in the case of isothermal balanced ventilation. Journal of Building Engineering, 2022, 61, 105309.	1.6	4

#	Article	IF	Citations
251	On optimizing bus dwell times to reduce the probability of stopping for a red light at intersections. , 2022, , .		0
252	Inactivation of airborne SARS-Co-V2 using NTP-UVGI hybrid process. International Journal of Environmental Science and Technology, 0, , .	1.8	1
253	SARSâ€CoVâ€2 indoor environment contamination with epidemiological and experimental investigations. Indoor Air, 2022, 32, .	2.0	5
254	Social risk factors for SARS-CoV-2 acquisition in University students: cross sectional survey. Epidemiology and Infection, 0, , 1-23.	1.0	0
255	Integrated analysis of doubly disadvantaged neighborhoods by considering both green space and blue space accessibility and COVID-19 infection risk. PLoS ONE, 2022, 17, e0273125.	1.1	3
256	Assessment of indoor air quality and risk of COVID-19 infection in Spanish secondary school and university classrooms. Building and Environment, 2022, 226, 109717.	3.0	14
257	A review of indoor Gaseous organic compounds and human chemical Exposure: Insights from Real-time measurements. Environment International, 2022, 170, 107611.	4.8	20
258	The impact of heating, ventilation and air conditioning (HVAC) design features on the transmission of viruses, including SARS-CoV-2: an overview of reviews (Preprint). Interactive Journal of Medical Research, 0, , .	0.6	0
260	Conversational head movement decreases close-contact exposure to expired respiratory droplets. Journal of Hazardous Materials, 2023, 444, 130406.	6.5	2
261	Spread of flushing-generated fecal aerosols in a squat toilet cubicle: Implication for infection risk. Science of the Total Environment, 2023, 859, 160212.	3.9	3
262	Long-term filter efficiency of mobile air purifiers in schools. Aerosol Science and Technology, 2023, 57, 134-152.	1.5	0
263	Experimental investigation on the purification performance of particle and planktonic bacteria in the human body micro-environment using low-temperature plasma. Journal of Cleaner Production, 2023, 384, 135577.	4.6	2
264	Ventilation and thermal conditions in secondary schools in the Netherlands: Effects of COVID-19 pandemic control and prevention measures. Building and Environment, 2023, 229, 109922.	3.0	14
265	Influences of obstacle factors on the transmission trends of respiratory infectious diseases in indoor public places. Journal of Building Engineering, 2023, 64, 105706.	1.6	0
266	Natural ventilation as a healthy habit during the first wave of the COVID-19 pandemic: An analysis of the frequency of window opening in Spanish homes. Journal of Building Engineering, 2023, 65, 105649.	1.6	4
267	Indoor Air Quality in Day-Care Centers. , 2022, , 1857-1890.		0
268	An Outbreak of SARS-CoV-2 Omicron Subvariant BA.2.76 in an Outdoor Park â€" Chongqing Municipality, China, August 2022. China CDC Weekly, 2022, 4, 1039-1042.	1.0	1
269	Combining Phi6 as a surrogate virus and computational largeâ€eddy simulations to study airborne transmission of SARSâ€CoVâ€2 in a restaurant. Indoor Air, 2022, 32, .	2.0	10

#	Article	IF	Citations
270	Using a real-world network to model the trade-off between stay-at-home restriction, vaccination, social distancing and working hours on COVID-19 dynamics. PeerJ, 0, 10, e14353.	0.9	1
271	Model Evaluation of Secondary Chemistry due to Disinfection of Indoor Air with Germicidal Ultraviolet Lamps. Environmental Science and Technology Letters, 2023, 10, 6-13.	3.9	14
272	Analysis of a German blood donor cohort reveals a high number of undetected SARS-CoV-2 infections and sex-specific differences in humoral immune response. PLoS ONE, 2022, 17, e0279195.	1.1	1
273	Control measure implications of COVID-19 infection in healthcare facilities reconsidered from human physiological and engineering aspects. Environmental Science and Pollution Research, 0, , .	2.7	2
274	Scoping review of childrenâ€™s and youthâ€™s outdoor play publications in Canada. Health Promotion and Chronic Disease Prevention in Canada: Research, Policy and Practice, 2023, 43, 1-13.	0.8	2
275	EVALUATION ON INDOOR ENVIRONMENT AND ALTERNATIVE VENTILATION METHODS IN A SCHOOL CLASSROOM IN A COLD REGION UNDER COVID-19 PANDEMIC. Journal of Environmental Engineering (Japan), 2023, 88, 43-49.	0.1	1
276	Airborne migration behaviour of SARS-CoV-2 coupled with varied air distribution systems in a ventilated space. Indoor and Built Environment, 2023, 32, 2000-2019.	1.5	2
277	Safe CO2 threshold limits for indoor long-range airborne transmission control of COVID-19. Building and Environment, 2023, 234, 109967.	3.0	6
279	Numerical study of transient indoor airflow and virus-laden droplet dispersion: Impact of interactive human movement. Science of the Total Environment, 2023, 869, 161750.	3.9	3
280	Mitigation of breathing contaminants: Exhaust location optimization for indoor space with impinging jet ventilation supply. Journal of Building Engineering, 2023, 69, 106250.	1.6	0
281	CFD modelling of infection control in indoor environments: A focus on room-level air recirculation systems. Energy and Buildings, 2023, 288, 113033.	3.1	6
282	Airborne infections related to virus aerosol contamination at indoor cultural venues: Recommendations on how to minimize. , 2023, 2, .		0
283	PANDEMIC: Occupancy driven predictive ventilation control to minimize energy consumption and infection risk. Applied Energy, 2023, 334, 120676.	5.1	11
284	Mask Adherence and Social Distancing in Houston, TX from January to April 2021. International Journal of Environmental Research and Public Health, 2023, 20, 2723.	1.2	0
285	Overlooked Impacts of Urban Environments on the Air Quality in Naturally Ventilated Schools Amid the COVID-19 Pandemic. Sustainability, 2023, 15, 2796.	1.6	2
286	Associations between greenness and predicted COVID-19â€“like illness incidence in the United States and the United Kingdom. Environmental Epidemiology, 2023, 7, e244.	1.4	1
287	Evaluation of indoor environmental quality, personal cumulative exposure dose, and aerosol transmission risk levels inside urban buses in Dalian, China. Environmental Science and Pollution Research, 2023, 30, 55278-55297.	2.7	4
288	Airborne infection risk in classrooms based on environment and occupant behavior measurement under COVID-19 epidemic. Building Research and Information, 2023, 51, 701-716.	2.0	1

#	Article	IF	Citations
289	Early-phase pandemic in Italy: Covid-19 spread determinant factors. Heliyon, 2023, 9, e15358.	1.4	0
290	Airborne disease transmission during indoor gatherings over multiple time scales: Modeling framework and policy implications. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	0
291	The Relative Contributions of Center Demographic, Director, Parental, Social, Environmental, and Policy Factors to Changes in Outdoor Play in Childcare Centers During the COVID-19 Pandemic. Journal of Physical Activity and Health, 2023, 20, 508-521.	1.0	1
292	Exhaled aerosols among PCR-confirmed SARS-CoV-2-infected children. Frontiers in Pediatrics, 0, 11, .	0.9	0
293	Study on vent spacing of multi-vent module-based adaptive ventilation for reducing contaminant diffusion. E3S Web of Conferences, 2022, 356, 01071.	0.2	1
314	Optimization on COVID-19 Prevention and Energy Conservation During the Stable Period of Pandemic. Environmental Science and Engineering, 2023, , 2273-2276.	0.1	0
323	Bioaerosols. , 2023, , 391-442.		0
342	Numerical Simulation of Indoor Air Quality and Aerosol Diffusion in Gym. Lecture Notes in Civil Engineering, 2024, , 621-628.	0.3	0
347	Educational Buildings: Analysis of IAQ as a Function of Occupant Behavior and Mechanical Ventilation Systems. Smart Innovation, Systems and Technologies, 2024, , 109-117.	0.5	0
350	Indoor Risk Estimation Model for Health Protection from COVID-19. , 0, , .		0