

Yuguo Li

List of Publications by Year in descending order

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Version: 2024-02-01

323
papers

25,974
citations

8749

75
h-index

8852

145
g-index

341
all docs

341
docs citations

341
times ranked

18670
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory virus shedding in exhaled breath and efficacy of face masks. <i>Nature Medicine</i> , 2020, 26, 676-680.	15.2	1,753
2	Evidence of Airborne Transmission of the Severe Acute Respiratory Syndrome Virus. <i>New England Journal of Medicine</i> , 2004, 350, 1731-1739.	13.9	1,045
3	How can airborne transmission of COVID-19 indoors be minimised?. <i>Environment International</i> , 2020, 142, 105832.	4.8	933
4	Size distribution and sites of origin of droplets expelled from the human respiratory tract during expiratory activities. <i>Journal of Aerosol Science</i> , 2009, 40, 256-269.	1.8	848
5	Role of ventilation in airborne transmission of infectious agents in the built environment ? a multidisciplinary systematic review. <i>Indoor Air</i> , 2007, 17, 2-18.	2.0	822
6	Characterization of expiration air jets and droplet size distributions immediately at the mouth opening. <i>Journal of Aerosol Science</i> , 2009, 40, 122-133.	1.8	778
7	How far droplets can move in indoor environments ? revisiting the Wells evaporation?falling curve. <i>Indoor Air</i> , 2007, 17, 211-225.	2.0	776
8	Recognition of aerosol transmission of infectious agents: a commentary. <i>BMC Infectious Diseases</i> , 2019, 19, 101.	1.3	556
9	Ventilation rates and health: multidisciplinary review of the scientific literature. <i>Indoor Air</i> , 2011, 21, 191-204.	2.0	529
10	Modality of human expired aerosol size distributions. <i>Journal of Aerosol Science</i> , 2011, 42, 839-851.	1.8	523
11	Factors involved in the aerosol transmission of infection and control of ventilation in healthcare premises. <i>Journal of Hospital Infection</i> , 2006, 64, 100-114.	1.4	503
12	Probable airborne transmission of SARS-CoV-2 in a poorly ventilated restaurant. <i>Building and Environment</i> , 2021, 196, 107788.	3.0	367
13	Exhaled droplets due to talking and coughing. <i>Journal of the Royal Society Interface</i> , 2009, 6, S703-14.	1.5	364
14	Airborne spread of infectious agents in the indoor environment. <i>American Journal of Infection Control</i> , 2016, 44, S102-S108.	1.1	355
15	Indoor transmission of SARS-CoV-2. <i>Indoor Air</i> , 2021, 31, 639-645.	2.0	351
16	Role of air distribution in SARS transmission during the largest nosocomial outbreak in Hong Kong. <i>Indoor Air</i> , 2005, 15, 83-95.	2.0	320
17	The influence of building height variability on pollutant dispersion and pedestrian ventilation in idealized high-rise urban areas. <i>Building and Environment</i> , 2012, 56, 346-360.	3.0	314
18	Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). <i>Journal of Hospital Infection</i> , 2021, 110, 89-96.	1.4	264

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19	Short-range airborne route dominates exposure of respiratory infection during close contact. <i>Building and Environment</i> , 2020, 176, 106859.	3.0	256
20	Cluster of SARS among Medical Students Exposed to Single Patient, Hong Kong. <i>Emerging Infectious Diseases</i> , 2004, 10, 269-276.	2.0	229
21	Evaporation and dispersion of respiratory droplets from coughing. <i>Indoor Air</i> , 2017, 27, 179-190.	2.0	229
22	Exposure to outdoor air pollution during trimesters of pregnancy and childhood asthma, allergic rhinitis, and eczema. <i>Environmental Research</i> , 2016, 150, 119-127.	3.7	228
23	Dispersion of exhaled droplet nuclei in a two-bed hospital ward with three different ventilation systems. <i>Indoor Air</i> , 2006, 16, 111-128.	2.0	226
24	Enhanced spread of expiratory droplets by turbulence in a cough jet. <i>Building and Environment</i> , 2015, 93, 86-96.	3.0	226
25	Short-range airborne transmission of expiratory droplets between two people. <i>Indoor Air</i> , 2017, 27, 452-462.	2.0	221
26	Can commonly-used fan-driven air cleaning technologies improve indoor air quality? A literature review. <i>Atmospheric Environment</i> , 2011, 45, 4329-4343.	1.9	213
27	An experimental investigation of a solar chimney model with uniform wall heat flux. <i>Building and Environment</i> , 2003, 38, 893-906.	3.0	210
28	Probable Evidence of Fecal Aerosol Transmission of SARS-CoV-2 in a High-Rise Building. <i>Annals of Internal Medicine</i> , 2020, 173, 974-980.	2.0	198
29	Particle deposition in the human lung: Health implications of particulate matter from different sources. <i>Environmental Research</i> , 2019, 169, 237-245.	3.7	197
30	A paradigm shift to combat indoor respiratory infection. <i>Science</i> , 2021, 372, 689-691.	6.0	192
31	The impact of building density and building height heterogeneity on average urban albedo and street surface temperature. <i>Building and Environment</i> , 2015, 90, 146-156.	3.0	185
32	Advances in wind energy resource exploitation in urban environment: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 37, 613-626.	8.2	170
33	Natural ventilation induced by combined wind and thermal forces. <i>Building and Environment</i> , 2001, 36, 59-71.	3.0	165
34	Multi-zone modeling of probable SARS virus transmission by airflow between flats in Block E, Amoy Gardens. <i>Indoor Air</i> , 2005, 15, 96-111.	2.0	153
35	Airborne transmission of disease in hospitals. <i>Journal of the Royal Society Interface</i> , 2009, 6, S697-702.	1.5	148
36	Chinese kang as a domestic heating system in rural northern China—A review. <i>Energy and Buildings</i> , 2009, 41, 111-119.	3.1	147

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37	Cooling load reduction by using thermal mass and night ventilation. Energy and Buildings, 2008, 40, 2052-2058.	3.1	143
38	Spatial distribution of infection risk of SARS transmission in a hospital ward. Building and Environment, 2009, 44, 1651-1658.	3.0	137
39	Routes of transmission of influenza A H1N1, SARS CoV, and norovirus in air cabin: Comparative analyses. Indoor Air, 2018, 28, 394-403.	2.0	136
40	CFD and ventilation research. Indoor Air, 2011, 21, 442-453.	2.0	131
41	Quantitative ventilation assessments of idealized urban canopy layers with various urban layouts and the same building packing density. Building and Environment, 2014, 79, 152-167.	3.0	131
42	Covid-19 has redefined airborne transmission. BMJ, The, 2021, 373, n913.	3.0	130
43	The influence of human walking on the flow and airborne transmission in a six-bed isolation room: Tracer gas simulation. Building and Environment, 2014, 77, 119-134.	3.0	127
44	Dispersion of exhalation pollutants in a two-bed hospital ward with a downward ventilation system. Building and Environment, 2008, 43, 344-354.	3.0	125
45	Age of air and air exchange efficiency in idealized city models. Building and Environment, 2009, 44, 1714-1723.	3.0	124
46	The urban cool island phenomenon in a high-rise high-density city and its mechanisms. International Journal of Climatology, 2017, 37, 890-904.	1.5	124
47	Modelling of the Indoor Environment - Particle Dispersion and Deposition. Indoor Air, 1998, 8, 113-122.	2.0	121
48	Coupling of thermal mass and natural ventilation in buildings. Energy and Buildings, 2008, 40, 979-986.	3.1	118
49	Toilets dominate environmental detection of severe acute respiratory syndrome coronavirus 2 in a hospital. Science of the Total Environment, 2021, 753, 141710.	3.9	114
50	Effect of urban morphology on wind condition in idealized city models. Atmospheric Environment, 2009, 43, 869-878.	1.9	113
51	Observing and quantifying airflows in the infection control of aerosol- and airborne-transmitted diseases: an overview of approaches. Journal of Hospital Infection, 2011, 77, 213-222.	1.4	113
52	Natural ventilation for reducing airborne infection in hospitals. Building and Environment, 2010, 45, 559-565.	3.0	112
53	Changes in local travel behaviour before and during the COVID-19 pandemic in Hong Kong. Cities, 2021, 112, 103139.	2.7	111
54	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks. Environmental Science & Technology, 2022, 56, 1125-1137.	4.6	109

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55	Dispersion of coughed droplets in a fully-occupied high-speed rail cabin. <i>Building and Environment</i> , 2012, 47, 58-66.	3.0	106
56	Possible Role of Aerosol Transmission in a Hospital Outbreak of Influenza. <i>Clinical Infectious Diseases</i> , 2010, 51, 1176-1183.	2.9	104
57	Removal of exhaled particles by ventilation and deposition in a multibed airborne infection isolation room. <i>Indoor Air</i> , 2010, 20, 284-297.	2.0	103
58	Early life exposure to traffic-related air pollution and allergic rhinitis in preschool children. <i>Respiratory Medicine</i> , 2016, 121, 67-73.	1.3	103
59	Temporal-Spatial Analysis of Severe Acute Respiratory Syndrome among Hospital Inpatients. <i>Clinical Infectious Diseases</i> , 2005, 40, 1237-1243.	2.9	102
60	Outdoor air pollution, meteorological conditions and indoor factors in dwellings in relation to sick building syndrome (SBS) among adults in China. <i>Science of the Total Environment</i> , 2016, 560-561, 186-196.	3.9	98
61	One-Component Supramolecular Filament Hydrogels as Theranostic Label-Free Magnetic Resonance Imaging Agents. <i>ACS Nano</i> , 2017, 11, 797-805.	7.3	95
62	Role of fomites in SARS transmission during the largest hospital outbreak in Hong Kong. <i>PLoS ONE</i> , 2017, 12, e0181558.	1.1	93
63	A new approach for measuring predicted mean vote (PMV) and standard effective temperature (SET ^a). <i>Building and Environment</i> , 2003, 38, 33-44.	3.0	89
64	Vertical Temperature Profiles in Rooms Ventilated by Displacement: Full-Scale Measurement and Nodal Modelling. <i>Indoor Air</i> , 1992, 2, 225-243.	2.0	88
65	Door-opening motion can potentially lead to a transient breakdown in negative-pressure isolation conditions: the importance of vorticity and buoyancy airflows. <i>Journal of Hospital Infection</i> , 2005, 61, 283-286.	1.4	88
66	Buoyancy-driven natural ventilation in a thermally stratified one-zone building. <i>Building and Environment</i> , 2000, 35, 207-214.	3.0	87
67	Predicting Super Spreading Events during the 2003 Severe Acute Respiratory Syndrome Epidemics in Hong Kong and Singapore. <i>American Journal of Epidemiology</i> , 2004, 160, 719-728.	1.6	87
68	Age of air and air exchange efficiency in high-rise urban areas and its link to pollutant dilution. <i>Atmospheric Environment</i> , 2011, 45, 5572-5585.	1.9	87
69	Scaled outdoor experimental studies of urban thermal environment in street canyon models with various aspect ratios and thermal storage. <i>Science of the Total Environment</i> , 2020, 726, 138147.	3.9	86
70	Human Cough as a Two-Stage Jet and Its Role in Particle Transport. <i>PLoS ONE</i> , 2017, 12, e0169235.	1.1	85
71	Ventilation strategy and air change rates in idealized high-rise compact urban areas. <i>Building and Environment</i> , 2010, 45, 2754-2767.	3.0	84
72	Prediction of natural ventilation in buildings with large openings. <i>Building and Environment</i> , 2000, 35, 191-206.	3.0	82

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73	Predicting urban heat island circulation using CFD. <i>Building and Environment</i> , 2016, 99, 82-97.	3.0	82
74	On the contribution of mean flow and turbulence to city breathability: The case of long streets with tall buildings. <i>Science of the Total Environment</i> , 2012, 416, 362-373.	3.9	79
75	Nonlinear coupling between thermal mass and natural ventilation in buildings. <i>International Journal of Heat and Mass Transfer</i> , 2003, 46, 1251-1264.	2.5	78
76	Calculation of wind-driven cross ventilation in buildings with large openings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2006, 94, 925-947.	1.7	76
77	Wavenumber-Extended High-Order Upwind-Biased Finite-Difference Schemes for Convective Scalar Transport. <i>Journal of Computational Physics</i> , 1997, 133, 235-255.	1.9	75
78	City ventilation of Hong Kong at no-wind conditions. <i>Atmospheric Environment</i> , 2009, 43, 3111-3121.	1.9	75
79	A combined temperature scale for analyzing natural convection in rectangular enclosures with discrete wall heat sources. <i>International Journal of Heat and Mass Transfer</i> , 2002, 45, 3437-3446.	2.5	74
80	Label-free CEST MRI Detection of Citicoline-Liposome Drug Delivery in Ischemic Stroke. <i>Theranostics</i> , 2016, 6, 1588-1600.	4.6	74
81	Close contact behavior in indoor environment and transmission of respiratory infection. <i>Indoor Air</i> , 2020, 30, 645-661.	2.0	74
82	A balance-point method for assessing the effect of natural ventilation on indoor particle concentrations. <i>Atmospheric Environment</i> , 2003, 37, 4277-4285.	1.9	73
83	Theoretical analysis of the motion and evaporation of exhaled respiratory droplets of mixed composition. <i>Journal of Aerosol Science</i> , 2011, 42, 1-10.	1.8	73
84	Interaction between discrete heat sources in horizontal natural convection enclosures. <i>International Journal of Heat and Mass Transfer</i> , 2002, 45, 5117-5132.	2.5	72
85	Multi-route transmission potential of SARS-CoV-2 in healthcare facilities. <i>Journal of Hazardous Materials</i> , 2021, 402, 123771.	6.5	72
86	Experimental and numerical studies of flows through and within high-rise building arrays and their link to ventilation strategy. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2011, 99, 1036-1055.	1.7	71
87	Defining the sizes of airborne particles that mediate influenza transmission in ferrets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2386-E2392.	3.3	71
88	A study of the probable transmission routes of MERS-CoV during the first hospital outbreak in the Republic of Korea. <i>Indoor Air</i> , 2018, 28, 51-63.	2.0	71
89	Human thermal sensation and comfort in a non-uniform environment with personalized heating. <i>Science of the Total Environment</i> , 2017, 578, 242-248.	3.9	69
90	Insufficient ventilation led to a probable long-range airborne transmission of SARS-CoV-2 on two buses. <i>Building and Environment</i> , 2022, 207, 108414.	3.0	69

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91	Experimental and CFD evidence of multiple solutions in a naturally ventilated building. <i>Indoor Air</i> , 2004, 14, 43-54.	2.0	67
92	Wind Conditions in Idealized Building Clusters: Macroscopic Simulations Using a Porous Turbulence Model. <i>Boundary-Layer Meteorology</i> , 2010, 136, 129-159.	1.2	65
93	Risk of cross-infection in a hospital ward with downward ventilation. <i>Building and Environment</i> , 2010, 45, 2008-2014.	3.0	65
94	Numerical evaluation of wind-induced dispersion of pollutants around a building. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1997, 67-68, 757-766.	1.7	63
95	Logistic growth of a surface contamination network and its role in disease spread. <i>Scientific Reports</i> , 2017, 7, 14826.	1.6	62
96	Effects of anthropogenic heat due to air-conditioning systems on an extreme high temperature event in Hong Kong. <i>Environmental Research Letters</i> , 2018, 13, 034015.	2.2	62
97	Wind weakening in a dense high-rise city due to over nearly five decades of urbanization. <i>Building and Environment</i> , 2018, 138, 207-220.	3.0	62
98	Some examples of solution multiplicity in natural ventilation. <i>Building and Environment</i> , 2001, 36, 851-858.	3.0	61
99	Passive urban ventilation by combined buoyancy-driven slope flow and wall flow: Parametric CFD studies on idealized city models. <i>Atmospheric Environment</i> , 2011, 45, 5946-5956.	1.9	60
100	Evidence for lack of transmission by close contact and surface touch in a restaurant outbreak of COVID-19. <i>Journal of Infection</i> , 2021, 83, 207-216.	1.7	60
101	A dextran-based probe for the targeted magnetic resonance imaging of tumours expressing prostate-specific membrane antigen. <i>Nature Biomedical Engineering</i> , 2017, 1, 977-982.	11.6	58
102	Transmission of Influenza A in a Student Office Based on Realistic Person-to-Person Contact and Surface Touch Behaviour. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1699.	1.2	58
103	Derivation of capture efficiency of kitchen range hoods in a confined space. <i>Building and Environment</i> , 1996, 31, 461-468.	3.0	57
104	Potential airborne transmission between two isolation cubicles through a shared anteroom. <i>Building and Environment</i> , 2015, 89, 264-278.	3.0	56
105	Seasonal variation of window opening behaviors in two naturally ventilated hospital wards. <i>Building and Environment</i> , 2018, 130, 85-93.	3.0	56
106	Impinging round jet studies in a cylindrical enclosure with and without a porous layer: Part I—Flow visualisations and simulations. <i>Chemical Engineering Science</i> , 2001, 56, 3855-3878.	1.9	55
107	Role of two-way airflow owing to temperature difference in severe acute respiratory syndrome transmission: revisiting the largest nosocomial severe acute respiratory syndrome outbreak in Hong Kong. <i>Journal of the Royal Society Interface</i> , 2011, 8, 699-710.	1.5	55
108	Predicting and understanding temporal 3D exterior surface temperature distribution in an ideal courtyard. <i>Building and Environment</i> , 2012, 57, 38-48.	3.0	55

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109	Intake fraction of nonreactive motor vehicle exhaust in Hong Kong. Atmospheric Environment, 2010, 44, 1913-1918.	1.9	54
110	Wind driven natural ventilation in the idealized building block arrays with multiple urban morphologies and unique package building density. Energy and Buildings, 2017, 155, 324-338.	3.1	54
111	Basic routes of transmission of respiratory pathogens—A new proposal for transmission categorization based on respiratory spray, inhalation, and touch. Indoor Air, 2021, 31, 3-6.	2.0	52
112	Natural convection flows along a 16-storey high-rise building. Building and Environment, 2016, 107, 215-225.	3.0	51
113	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. PLoS ONE, 2016, 11, e0148669.	1.1	51
114	CEST theranostics: label-free MR imaging of anticancer drugs. Oncotarget, 2016, 7, 6369-6378.	0.8	49
115	Buoyancy-driven displacement natural ventilation in a single-zone building with three-level openings. Building and Environment, 2002, 37, 295-303.	3.0	48
116	Investigating potential of natural driving forces for ventilation in four major cities in China. Building and Environment, 2005, 40, 738-746.	3.0	48
117	Pollutant dispersion in idealized city models with different urban morphologies. Atmospheric Environment, 2009, 43, 6011-6025.	1.9	48
118	Effects of Human Behavior Changes During the Coronavirus Disease 2019 (COVID-19) Pandemic on Influenza Spread in Hong Kong. Clinical Infectious Diseases, 2021, 73, e1142-e1150.	2.9	48
119	Wind conditions and ventilation in high-rise long street models. Building and Environment, 2010, 45, 1353-1365.	3.0	47
120	The lock-up phenomenon of exhaled flow in a stable thermally-stratified indoor environment. Building and Environment, 2017, 116, 246-256.	3.0	47
121	High and low temperatures aggravate airway inflammation of asthma: Evidence in a mouse model. Environmental Pollution, 2020, 256, 113433.	3.7	47
122	Poor ventilation worsens short-range airborne transmission of respiratory infection. Indoor Air, 2022, 32, .	2.0	47
123	Bacterial survival in evaporating deposited droplets on a teflon-coated surface. Applied Microbiology and Biotechnology, 2006, 73, 703-712.	1.7	46
124	Experimental verification of tracking algorithm for dynamically-releasing single indoor contaminant. Building Simulation, 2012, 5, 5-14.	3.0	46
125	Parental stress and air pollution increase childhood asthma in China. Environmental Research, 2018, 165, 23-31.	3.7	46
126	Thermal storage performance analysis on Chinese kang. Energy and Buildings, 2009, 41, 452-459.	3.1	45

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127	Interaction of multiple urban heat island circulations under idealised settings. <i>Building and Environment</i> , 2018, 134, 10-20.	3.0	45
128	A human behavior integrated hierarchical model of airborne disease transmission in a large city. <i>Building and Environment</i> , 2018, 127, 211-220.	3.0	45
129	Carbon Dots as a New Class of Diamagnetic Chemical Exchange Saturation Transfer (diaCEST) MRI Contrast Agents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9871-9875.	7.2	45
130	Enhancement of natural ventilation in a solar house with a solar chimney and a solid adsorption cooling cavity. <i>Solar Energy</i> , 2003, 74, 65-75.	2.9	44
131	Impact of land surface heterogeneity on urban heat island circulation and sea-land breeze circulation in Hong Kong. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 4332-4352.	1.2	44
132	Pathway using WUDAPT's Digital Synthetic City tool towards generating urban canopy parameters for multi-scale urban atmospheric modeling. <i>Urban Climate</i> , 2019, 28, 100459.	2.4	43
133	Particle removal efficiency of the portable HEPA air cleaner in a simulated hospital ward. <i>Building Simulation</i> , 2010, 3, 215-224.	3.0	41
134	Multi-route respiratory infection: When a transmission route may dominate. <i>Science of the Total Environment</i> , 2021, 752, 141856.	3.9	41
135	Analysis Methods for Natural and Hybrid Ventilation - a Critical Literature Review and Recent Developments. <i>International Journal of Ventilation</i> , 2003, 1, 3-20.	0.2	39
136	Early-life exposure to air pollution and childhood allergic diseases: an update on the link and its implications. <i>Expert Review of Clinical Immunology</i> , 2020, 16, 813-827.	1.3	39
137	Thermal conditions and ventilation in an ideal city model of Hong Kong. <i>Energy and Buildings</i> , 2011, 43, 1139-1148.	3.1	38
138	Development of a Three-Dimensional Urban Energy Model for Predicting and Understanding Surface Temperature Distribution. <i>Boundary-Layer Meteorology</i> , 2013, 149, 303-321.	1.2	38
139	Heatstroke at home: Prediction by thermoregulation modeling. <i>Building and Environment</i> , 2018, 137, 147-156.	3.0	38
140	What is the risk of acquiring SARS-CoV-2 from the use of public toilets?. <i>Science of the Total Environment</i> , 2021, 792, 148341.	3.9	38
141	Building Ventilation as an Effective Disease Intervention Strategy in a Dense Indoor Contact Network in an Ideal City. <i>PLoS ONE</i> , 2016, 11, e0162481.	1.1	38
142	Residential Kitchen Range Hoods - Buoyancy-Capture Principle and Capture Efficiency Revisited. <i>Indoor Air</i> , 1997, 7, 151-157.	2.0	37
143	Health effects of physical activity as predicted by particle deposition in the human respiratory tract. <i>Science of the Total Environment</i> , 2019, 657, 819-826.	3.9	37
144	Hypothesis: SARS-CoV-2 transmission is predominated by the short-range airborne route and exacerbated by poor ventilation. <i>Indoor Air</i> , 2021, 31, 921-925.	2.0	37

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145	An exploration of the political, social, economic and cultural factors affecting how different global regions initially reacted to the COVID-19 pandemic. <i>Interface Focus</i> , 2022, 12, 20210079.	1.5	37
146	Natural convection over vertical and horizontal heated flat surfaces: A review of recent progress focusing on underpinnings and implications for heat transfer and environmental applications. <i>Physics of Fluids</i> , 2021, 33, .	1.6	36
147	A numerical method for two-phase flows with an interface. <i>Environmental Modelling and Software</i> , 1998, 13, 247-255.	1.9	35
148	A New Convective Velocity Scale for Studying Diurnal Urban Heat Island Circulation. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 2151-2164.	0.6	35
149	Horizontal extent of the urban heat dome flow. <i>Scientific Reports</i> , 2017, 7, 11681.	1.6	35
150	Aerosol transmission of SARS-CoV-2 due to the chimney effect in two high-rise housing drainage stacks. <i>Journal of Hazardous Materials</i> , 2022, 421, 126799.	6.5	35
151	Non-uniform ground-level wind patterns in a heat dome over a uniformly heated non-circular city. <i>International Journal of Heat and Mass Transfer</i> , 2018, 124, 233-246.	2.5	34
152	Impacts of urban microclimate on summertime sensible and latent energy demand for cooling in residential buildings of Hong Kong. <i>Energy</i> , 2019, 189, 116208.	4.5	34
153	The impact of building operations on urban heat/cool islands under urban densification: A comparison between naturally-ventilated and air-conditioned buildings. <i>Applied Energy</i> , 2019, 235, 129-138.	5.1	34
154	ASSESSMENT OF HIGHER-ORDER UPWIND SCHEMES INCORPORATING FCT FOR CONVECTION-DOMINATED PROBLEMS. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 1995, 27, 1-21.	0.6	33
155	Airborne pollutant dilution inside the deep street canyons subjecting to thermal buoyancy driven flows: Effects of representative urban skylines. <i>Building and Environment</i> , 2019, 149, 592-606.	3.0	33
156	Effects of thermal radiation on airflow with displacement ventilation: an experimental investigation. <i>Energy and Buildings</i> , 1993, 19, 263-274.	3.1	32
157	Numerical prediction of airflow and heat-radiation interaction in a room with displacement ventilation. <i>Energy and Buildings</i> , 1993, 20, 27-43.	3.1	32
158	On the asymmetry of the urban daily air temperature cycle. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5625-5635.	1.2	32
159	Combined effects of traffic air pollution and home environmental factors on preterm birth in China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109639.	2.9	32
160	Macroscopic simulations of turbulent flows through high-rise building arrays using a porous turbulence model. <i>Building and Environment</i> , 2012, 49, 41-54.	3.0	31
161	Surface touch and its network growth in a graduate student office. <i>Indoor Air</i> , 2018, 28, 963-972.	2.0	31
162	Effect of city shape on urban wind patterns and convective heat transfer in calm and stable background conditions. <i>Building and Environment</i> , 2019, 162, 106288.	3.0	31

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163	Infection Spread and High-Resolution Detection of Close Contact Behaviors. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1445.	1.2	31
164	Exploring surface cleaning strategies in hospital to prevent contact transmission of methicillin-resistant <i>Staphylococcus aureus</i> . <i>BMC Infectious Diseases</i> , 2017, 17, 85.	1.3	30
165	Predominant airborne transmission and insignificant fomite transmission of SARS-CoV-2 in a two-bus COVID-19 outbreak originating from the same pre-symptomatic index case. <i>Journal of Hazardous Materials</i> , 2022, 425, 128051.	6.5	30
166	Association between prenatal exposure to industrial air pollution and onset of early childhood ear infection in China. <i>Atmospheric Environment</i> , 2017, 157, 18-26.	1.9	29
167	Physical factors that affect microbial transfer during surface touch. <i>Building and Environment</i> , 2019, 158, 28-38.	3.0	29
168	Revisiting physical distancing threshold in indoor environment using infection-risk-based modeling. <i>Environment International</i> , 2021, 153, 106542.	4.8	29
169	Airborne or Fomite Transmission for Norovirus? A Case Study Revisited. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1571.	1.2	28
170	Urban heat island circulations over the Beijing-Tianjin region under calm and fair conditions. <i>Building and Environment</i> , 2020, 180, 107063.	3.0	28
171	Dispersion and settling characteristics of evaporating droplets in ventilated room. <i>Building and Environment</i> , 2007, 42, 1011-1017.	3.0	27
172	Thermal buoyancy driven canyon airflows inside the compact urban blocks saturated with very weak synoptic wind: Plume merging mechanism. <i>Building and Environment</i> , 2018, 131, 32-43.	3.0	27
173	Urban heat island circulations of an idealized circular city as affected by background wind speed. <i>Building and Environment</i> , 2019, 148, 433-447.	3.0	27
174	Investigating the urban heat and cool island effects during extreme heat events in high-density cities: A case study of Hong Kong from 2000 to 2018. <i>International Journal of Climatology</i> , 2021, 41, 6736-6754.	1.5	27
175	Impinging round jet studies in a cylindrical enclosure with and without a porous layer: Part II—LDV measurements and simulations. <i>Chemical Engineering Science</i> , 2001, 56, 3879-3892.	1.9	26
176	Buoyancy and turbulence-driven atmospheric circulation over urban areas. <i>Journal of Environmental Sciences</i> , 2017, 59, 63-71.	3.2	26
177	Role of pathogen-laden expiratory droplet dispersion and natural ventilation explaining a COVID-19 outbreak in a coach bus. <i>Building and Environment</i> , 2022, 220, 109160.	3.0	26
178	Transmission of influenza A in human beings. <i>Lancet Infectious Diseases</i> , The, 2007, 7, 758.	4.6	25
179	Extended short-range airborne transmission of respiratory infections. <i>Journal of Hazardous Materials</i> , 2022, 422, 126837.	6.5	25
180	Natural ventilation in an enclosure induced by a heat source distributed uniformly over a vertical wall. <i>Building and Environment</i> , 2001, 36, 493-501.	3.0	24

#	ARTICLE	IF	CITATIONS
181	Thermal Mass Design in Buildings – Heavy or Light?. International Journal of Ventilation, 2006, 5, 143-150.	0.2	24
182	Engineering control of respiratory infection and low-energy design of healthcare facilities. Science and Technology for the Built Environment, 2015, 21, 25-34.	0.8	24
183	PIV based POD analysis of coherent structures in flow patterns generated by triple interacting buoyant plumes. Building and Environment, 2019, 158, 165-181.	3.0	24
184	Hand hygiene and surface cleaning should be paired for prevention of fomite transmission. Indoor Air, 2020, 30, 49-59.	2.0	24
185	Weakening personal protective behavior by Chinese university students after COVID-19 vaccination. Building and Environment, 2021, 206, 108367.	3.0	24
186	The urban moisture island phenomenon and its mechanisms in a high-rise high-density city. International Journal of Climatology, 2021, 41, E150.	1.5	24
187	Suitability of acrylic and copper globe thermometers for diurnal outdoor settings. Building and Environment, 2015, 89, 279-294.	3.0	23
188	Deposition of droplets from the trachea or bronchus in the respiratory tract during exhalation: A steady-state numerical investigation. Aerosol Science and Technology, 2020, 54, 869-879.	1.5	23
189	Flow mechanisms and flow capacity in idealized long-street city models. Building and Environment, 2010, 45, 1042-1053.	3.0	22
190	Potential impact of a ventilation intervention for influenza in the context of a dense indoor contact network in Hong Kong. Science of the Total Environment, 2016, 569-570, 373-381.	3.9	22
191	Possible user-dependent CFD predictions of transitional flow in building ventilation. Building and Environment, 2016, 99, 130-141.	3.0	22
192	Impact of intervention methods on COVID-19 transmission in Shenzhen. Building and Environment, 2020, 180, 107106.	3.0	22
193	Outbreak investigation of airborne transmission of Omicron (B.1.1.529) - SARS-CoV-2 variant of concern in a restaurant: Implication for enhancement of indoor air dilution. Journal of Hazardous Materials, 2022, 430, 128504.	6.5	22
194	Absence of Detectable Influenza RNA Transmitted via Aerosol during Various Human Respiratory Activities – Experiments from Singapore and Hong Kong. PLoS ONE, 2014, 9, e107338.	1.1	21
195	Probable transmission routes of the influenza virus in a nosocomial outbreak. Epidemiology and Infection, 2018, 146, 1114-1122.	1.0	21
196	Most self-touches are with the nondominant hand. Scientific Reports, 2020, 10, 10457.	1.6	21
197	Analysis of efficacy of intervention strategies for COVID-19 transmission: A case study of Hong Kong. Environment International, 2021, 156, 106723.	4.8	21
198	The dynamic fomite transmission of Methicillin-resistant Staphylococcus aureus in hospitals and the possible improved intervention methods. Building and Environment, 2019, 161, 106246.	3.0	20

#	ARTICLE	IF	CITATIONS
199	Experimental investigation of near-field stream-wise flow development and spatial structure in triple buoyant plumes. <i>Building and Environment</i> , 2019, 149, 79-89.	3.0	20
200	Interventions to Reduce Personal Exposures to Air Pollution: A Primer for Health Care Providers. <i>Global Heart</i> , 2019, 14, 47.	0.9	20
201	Flow bifurcation due to opposing buoyancy in two vertically connected open cavities. <i>International Journal of Heat and Mass Transfer</i> , 2006, 49, 3298-3312.	2.5	19
202	CFD modelling of the effect of fire source geometry and location on smoke flow multiplicity. <i>Building Simulation</i> , 2010, 3, 205-214.	3.0	19
203	Assessing the risk of downwind spread of avian influenza virus via airborne particles from an urban wholesale poultry market. <i>Building and Environment</i> , 2018, 127, 120-126.	3.0	19
204	Computational fluid dynamics predictions of non-isothermal ventilation flow—How can the user factor be minimized?. <i>Indoor Air</i> , 2018, 28, 866-880.	2.0	19
205	The COVID-19 pandemic is a global indoor air crisis that should lead to change: A message commemorating 30 years of <i>Indoor Air</i> . <i>Indoor Air</i> , 2021, 31, 1683-1686.	2.0	19
206	Estimating Equilibration Times and Heating/Cooling Rates in Heat Treatment of Workpieces with Arbitrary Geometry. <i>Journal of Materials Engineering and Performance</i> , 2000, 9, 62-71.	1.2	18
207	Evidence of Airborne Transmission of SARS. <i>New England Journal of Medicine</i> , 2004, 351, 609-611.	13.9	18
208	CFD simulation of “pumping” flow mechanism of an urban building affected by an upstream building in high Reynolds flows. <i>Energy and Buildings</i> , 2019, 202, 109330.	3.1	18
209	Wind driven “pumping” fluid flow and turbulent mean oscillation across high-rise building enclosures with multiple naturally ventilated apertures. <i>Sustainable Cities and Society</i> , 2019, 50, 101619.	5.1	18
210	Presence of Influenza Virus on Touch Surfaces in Kindergartens and Primary Schools. <i>Journal of Infectious Diseases</i> , 2020, 222, 1329-1333.	1.9	18
211	Real human surface touch behavior based quantitative analysis on infection spread via fomite route in an office. <i>Building and Environment</i> , 2021, 191, 107578.	3.0	18
212	Investigations of high-density urban boundary layer under summer prevailing wind conditions with Doppler LiDAR: A case study in Hong Kong. <i>Urban Climate</i> , 2021, 38, 100884.	2.4	18
213	Spread of SARS-CoV-2 aerosols via two connected drainage stacks in a high-rise housing outbreak of COVID-19. <i>Journal of Hazardous Materials</i> , 2022, 430, 128475.	6.5	18
214	The effect of building spacing on near-field temporal evolution of triple building plumes. <i>Building and Environment</i> , 2017, 122, 35-49.	3.0	17
215	Two-dimensional numerical simulation of wind driven ventilation across a building enclosure with two free apertures on the rear side: Vortex shedding and “pumping flow mechanism”. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 179, 449-462.	1.7	17
216	Urban plume characteristics under various wind speed, heat flux, and stratification conditions. <i>Atmospheric Environment</i> , 2020, 239, 117774.	1.9	17

#	ARTICLE	IF	CITATIONS
217	How can ventilation be improved on public transportation buses? Insights from CO2 measurements. <i>Environmental Research</i> , 2022, 205, 112451.	3.7	17
218	Nonlinear Dynamic Analysis of Natural Ventilation in a Two-Zone Building: Part A—Theoretical Analysis. <i>HVAC and R Research</i> , 2006, 12, 231-255.	0.9	16
219	Human behavior during close contact in a graduate student office. <i>Indoor Air</i> , 2019, 29, 577-590.	2.0	16
220	City-scale morphological influence on diurnal urban air temperature. <i>Building and Environment</i> , 2020, 169, 106527.	3.0	16
221	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
222	Quantitative city ventilation evaluation for urban canopy under heat island circulation without geostrophic winds: Multi-scale CFD model and parametric investigations. <i>Building and Environment</i> , 2021, 196, 107793.	3.0	16
223	Implementation of some higher-order convection schemes on non-uniform grids. <i>International Journal for Numerical Methods in Fluids</i> , 1995, 21, 1201-1220.	0.9	15
224	Experimental modelling of buoyancy-driven flows in buildings using a fine-bubble technique. <i>Building and Environment</i> , 2001, 36, 447-455.	3.0	15
225	Characterizing dynamic transmission of contaminants on a surface touch network. <i>Building and Environment</i> , 2018, 129, 107-116.	3.0	15
226	Unsteady large-scale flow patterns and dynamic vortex movement in near-field triple buoyant plumes. <i>Building and Environment</i> , 2018, 142, 288-300.	3.0	15
227	Detection of Influenza and Other Respiratory Viruses in Air Sampled From a University Campus: A Longitudinal Study. <i>Clinical Infectious Diseases</i> , 2019, 70, 850-858.	2.9	15
228	Heatstroke recovery at home as predicted by human thermoregulation modeling. <i>Building and Environment</i> , 2020, 173, 106752.	3.0	15
229	The respiratory infection inhalation route continuum. <i>Indoor Air</i> , 2021, 31, 279-281.	2.0	15
230	High spatial-resolution classification of urban surfaces using a deep learning method. <i>Building and Environment</i> , 2021, 200, 107949.	3.0	15
231	Conditions for transition from a plume to a dome above a heated horizontal area. <i>International Journal of Heat and Mass Transfer</i> , 2020, 156, 119868.	2.5	15
232	Designing Thermal Mass in Naturally Ventilated Buildings. <i>International Journal of Ventilation</i> , 2004, 2, 313-324.	0.2	14
233	Harmonic analysis of 130-year hourly air temperature in Hong Kong: detecting urban warming from the perspective of annual and daily cycles. <i>Climate Dynamics</i> , 2018, 51, 613-625.	1.7	14
234	Water tank modelling of variations in inversion breakup over a circular city. <i>Building and Environment</i> , 2019, 164, 106342.	3.0	14

#	ARTICLE	IF	CITATIONS
235	Interacting urban heat island circulations as affected by weak background wind. <i>Building and Environment</i> , 2019, 160, 106224.	3.0	14
236	TIV and PIV based natural convection study over a square flat plate under stable stratification. <i>International Journal of Heat and Mass Transfer</i> , 2019, 140, 660-670.	2.5	14
237	What dominates personal exposure? Ambient airflow pattern or local human thermal plume. <i>Building and Environment</i> , 2021, 196, 107790.	3.0	14
238	Lack of cross-transmission of SARS-CoV-2 between passenger's cabins on the Diamond Princess cruise ship. <i>Building and Environment</i> , 2021, 198, 107839.	3.0	14
239	Modeling and Experimental Validation of Microbial Transfer via Surface Touch. <i>Environmental Science & Technology</i> , 2021, 55, 4148-4161.	4.6	14
240	COVID-19 Vaccination Did Not Change the Personal Protective Behaviors of Healthcare Workers in China. <i>Frontiers in Public Health</i> , 2021, 9, 777426.	1.3	14
241	Achieving Natural and Hybrid Ventilation in Practice. <i>International Journal of Ventilation</i> , 2006, 5, 115-130.	0.2	13
242	Evaluation of intervention strategies in schools including ventilation for influenza transmission control. <i>Building Simulation</i> , 2012, 5, 29-37.	3.0	13
243	Diurnal variation of natural convective wall flows and the resulting air change rate in a homogeneous urban canopy layer. <i>Energy and Buildings</i> , 2017, 153, 201-208.	3.1	13
244	A combined fully-resolved and porous approach for building cluster wind flows. <i>Building Simulation</i> , 2017, 10, 97-109.	3.0	13
245	Phenols as Diamagnetic $^{2+}$ Exchange Magnetic Resonance Imaging Contrast Agents. <i>Chemistry - A European Journal</i> , 2018, 24, 1259-1263.	1.7	13
246	Wind-driven pumping flow ventilation of highrise buildings: Effects of upstream building arrangements and opening area ratios. <i>Science of the Total Environment</i> , 2020, 722, 137924.	3.9	13
247	Why don't we just open the windows?. <i>BMJ, The</i> , 2021, 375, n2895.	3.0	13
248	Modelling and optimizing tree planning for urban climate in a subtropical high-density city. <i>Urban Climate</i> , 2022, 43, 101141.	2.4	13
249	Exposure and respiratory infection risk via the short-range airborne route. <i>Building and Environment</i> , 2022, 219, 109166.	3.0	13
250	Explosive outbreak of SARS-CoV-2 Omicron variant is associated with vertical transmission in high-rise residential buildings in Hong Kong. <i>Building and Environment</i> , 2022, 221, 109323.	3.0	13
251	Challenges for Modeling Energy Use in High-rise Office Buildings in Hong Kong. <i>Procedia Engineering</i> , 2015, 121, 513-520.	1.2	12
252	Numerical modeling of particle deposition in ferret airways: A comparison with humans. <i>Aerosol Science and Technology</i> , 2017, 51, 477-487.	1.5	12

#	ARTICLE	IF	CITATIONS
253	Dual steady flow solutions of heat and pollutant removal from a slot ventilated welding enclosure containing a bottom heating source. <i>International Journal of Heat and Mass Transfer</i> , 2019, 132, 11-24.	2.5	12
254	Hypothesis: All respiratory viruses (including SARS-CoV-2) are aerosol-transmitted. <i>Indoor Air</i> , 2022, 32, e12937.	2.0	12
255	High attack rate in a Tong Lau house outbreak of COVID-19 with subdivided units in Hong Kong. <i>Interface Focus</i> , 2022, 12, 20210063.	1.5	12
256	Near-field merging and penetration of triple starting plumes from volumetric heat sources in a calm environment. <i>International Journal of Heat and Mass Transfer</i> , 2017, 115, 1321-1333.	2.5	11
257	Equilibrium of particle distribution on surfaces due to touch. <i>Building and Environment</i> , 2018, 143, 461-472.	3.0	11
258	New sequential-touch method to determine bacterial contact transfer rate from finger to surface. <i>Journal of Applied Microbiology</i> , 2019, 127, 605-615.	1.4	11
259	A Comparison of Infection Venues of COVID-19 Case Clusters in Northeast China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3955.	1.2	11
260	The effect of background wind on summertime daily maximum air temperature in Kowloon, Hong Kong. <i>Building and Environment</i> , 2022, 210, 108693.	3.0	11
261	Probable cross-corridor transmission of SARS-CoV-2 due to cross airflows and its control. <i>Building and Environment</i> , 2022, 218, 109137.	3.0	11
262	Smoke flow bifurcation due to opposing buoyancy in two horizontally connected compartments. <i>Fire Safety Journal</i> , 2013, 59, 62-75.	1.4	10
263	Stone forest as a small-scale field model for the study of urban climate. <i>International Journal of Climatology</i> , 2018, 38, 3723-3731.	1.5	10
264	Frequent recovery of influenza A but not influenza B virus RNA in aerosols in pediatric patient rooms. <i>Indoor Air</i> , 2020, 30, 805-815.	2.0	10
265	Chinese kang and building energy consumption. <i>Science Bulletin</i> , 2009, 54, 992-1002.	4.3	9
266	Transmission routes of influenza A(H1N1)pdm09: analyses of inflight outbreaks. <i>Epidemiology and Infection</i> , 2018, 146, 1731-1739.	1.0	9
267	Increased infection severity in downstream cities in infectious disease transmission and tourists surveillance analysis. <i>Journal of Theoretical Biology</i> , 2019, 470, 20-29.	0.8	9
268	Correlation between the normal position of a particle on a rough surface and the van der Waals force. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124096.	2.3	9
269	CFD MODELLING OF NATURAL CONVECTION HEAT AND MASS TRANSFER IN HYGROSCOPIC POROUS MEDIA. <i>Drying Technology</i> , 2000, 18, 2175-2201.	1.7	8
270	Mean shear flow in recirculating turbulent urban convection and the plume-puff eddy structure below stably stratified inversion layers. <i>Theoretical and Applied Climatology</i> , 2019, 135, 1485-1499.	1.3	8

#	ARTICLE	IF	CITATIONS
271	Experimental study of thermal plumes generated by a cluster of high-rise compact buildings under moderate background wind conditions. <i>Building and Environment</i> , 2020, 181, 107076.	3.0	8
272	Deposition of bronchiole-originated droplets in the lower airways during exhalation. <i>Journal of Aerosol Science</i> , 2020, 142, 105524.	1.8	8
273	The secret behind the mask. <i>Indoor Air</i> , 2011, 21, 89-91.	2.0	7
274	The Diurnal Cycle of Urban Thermal Environment in Scale-model Street Canyons by Outdoor Field Measurement. <i>Procedia Engineering</i> , 2017, 198, 743-757.	1.2	7
275	Free vent boundary conditions for thermal buoyancy driven laminar flows inside open building enclosures. <i>Building and Environment</i> , 2017, 111, 10-23.	3.0	7
276	The Street Air Warming Phenomenon in a High-Rise Compact City. <i>Atmosphere</i> , 2018, 9, 402.	1.0	7
277	Editorial: the airborne microbiome - implications for aerosol transmission and infection control “ special issue. <i>BMC Infectious Diseases</i> , 2019, 19, 755.	1.3	7
278	General flow and thermal boundary conditions in indoor air flow simulation. <i>Building and Environment</i> , 1994, 29, 275-281.	3.0	6
279	Multiple Solutions of Smoke Flow in a Building with an Opposing Wind. <i>International Journal of Ventilation</i> , 2010, 9, 99-144.	0.2	6
280	Experimental Assessment on Heat Transfer and Smoke Flow Characteristics of a Typical Elevated Chinese Kang. <i>International Journal of Green Energy</i> , 2015, 12, 1178-1188.	2.1	6
281	Low re-inhalation of the exhaled flow during normal nasal breathing in a pediatric airway replica. <i>Building and Environment</i> , 2016, 97, 40-47.	3.0	6
282	Surface touch network structure determines bacterial contamination spread on surfaces and occupant exposure. <i>Journal of Hazardous Materials</i> , 2021, 416, 126137.	6.5	6
283	Outdoor Air Pollution and Indoor Window Condensation Associated with Childhood Symptoms of Allergic Rhinitis to Pollen. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8071.	1.2	6
284	AN ANISOTROPIC LOCAL GRID REFINEMENT METHOD FOR FLUID FLOW SIMULATION. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 1996, 30, 195-215.	0.6	5
285	Spurious Numerical Solutions in Coupled Natural Ventilation and Thermal Analyses. <i>International Journal of Ventilation</i> , 2002, 1, 1-12.	0.2	5
286	Multiple Solutions in a Building with Four Openings Ventilated by Combined Forces. <i>Indoor and Built Environment</i> , 2005, 14, 347-358.	1.5	5
287	Inversion breakup over different shapes of urban areas. <i>Building and Environment</i> , 2021, 190, 107548.	3.0	5
288	Footwear microclimate and its effects on the microbial community of the plantar skin. <i>Scientific Reports</i> , 2021, 11, 20356.	1.6	5

#	ARTICLE	IF	CITATIONS
289	Nonlinear Dynamic Analysis of Natural Ventilation in a Two-Zone Building: Part Bâ€”CFD Simulations. HVAC and R Research, 2006, 12, 257-278.	0.9	4
290	A Simple Daily Cycle Temperature Boundary Condition for Ground Surfaces in CFD Predictions of Urban Wind Flows. Journal of Applied Meteorology and Climatology, 2017, 56, 2963-2980.	0.6	4
291	Particle transport in a bottom-feed separation vessel. Applied Mathematical Modelling, 1998, 22, 1023-1036.	2.2	3
292	NONLINEAR RESONANCE AND QUASI-PERIODIC SOLUTIONS FOR VENTILATION FLOWS IN A SINGLE OPENING ENCLOSURE. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2005, 15, 1801-1808.	0.7	3
293	Thermal and energy analysis of a Chinese kang. Frontiers of Energy and Power Engineering in China, 2010, 4, 84-92.	0.4	3
294	Surface Temperature Distribution of Chinese Kangs. International Journal of Green Energy, 2010, 7, 347-360.	2.1	3
295	Effects of Urban Ventilation Patterns on the Carbon Monoxide Concentration in a High-Rise Mega City. International Journal of Ventilation, 2011, 10, 239-250.	0.2	3
296	The â€”impurityâ€” of indoor air. Indoor Air, 2016, 26, 3-5.	2.0	3
297	A novel partial lid for mechanical defeatherers reduced aerosol dispersion during processing of avian influenza virus infected poultry. PLoS ONE, 2019, 14, e0216478.	1.1	3
298	Quantification of Lactobacillus delbrueckii subsp. Bulgaricus and its applicability as a tracer for studying contamination spread on environmental surfaces. Building and Environment, 2021, 197, 107869.	3.0	3
299	Solution Multiplicity of Smoke Flows in a Simple Building. Fire Safety Science, 2008, 9, 895-906.	0.3	3
300	Influence of network structure on contaminant spreading efficiency. Journal of Hazardous Materials, 2022, 424, 127511.	6.5	3
301	Simulation of room flows with small ventilation openings by a local grid-refinement technique. Building Services Engineering Research and Technology, 1994, 15, 1-10.	0.9	2
302	An Example of Solution Multiplicity in a Building with Bi-directional Flow Openings. Indoor and Built Environment, 2005, 14, 359-369.	1.5	2
303	Finding the most valuable references for interdisciplinary research. Indoor Air, 2019, 29, 3-4.	2.0	2
304	Quantifying the relative impact of contact heterogeneity on MRSA transmission in ICUs - a modelling study. BMC Infectious Diseases, 2020, 20, 6.	1.3	2
305	Probable Roles of Bio-Aerosol Dispersion in the SARS Outbreak in Amoy Gardens, Hong Kong. , 2006, , 305-327.		2
306	HIGH-RAYLEIGH-NUMBER NATURAL CONVECTION IN AN ENCLOSURE CONTAINING A POROUS LAYER. , 1998, , .		2

#	ARTICLE	IF	CITATIONS
307	The role of SARS-CoV-2 aerosol transmission during the COVID-19 pandemic. <i>Interface Focus</i> , 2022, 12, .	1.5	2
308	Fine bubble modelling of smoke flows. <i>Fire Safety Journal</i> , 2003, 38, 285-298.	1.4	1
309	Indoor Air and infection. <i>Indoor Air</i> , 2007, 17, 335-336.	2.0	1
310	Simple Correction Methods of Infrared Thermography for Building Exterior Surfaces. <i>International Journal of Ventilation</i> , 2010, 9, 261-272.	0.2	1
311	Revisiting Internal Pressure Dynamics in a Single Opening Enclosure Ventilated by Wind. <i>International Journal of Ventilation</i> , 2011, 10, 1-18.	0.2	1
312	Special Issue“Selected Papers Presented in the 6th International Symposium on Heating, Ventilating and Air Conditioning, Nanjing, China, 6â€“9 November, 2009. <i>Energy and Buildings</i> , 2011, 43, 1039.	3.1	1
313	Application of building simulation tools for studying airborne infection and its control. <i>Building Simulation</i> , 2012, 5, 3-4.	3.0	1
314	The Impact of Urbanization on Moisture Excess in Hong Kong. <i>Energy Procedia</i> , 2015, 78, 3061-3065.	1.8	1
315	Indoor air: A short history of holistic and reductionistic approaches. <i>Indoor Air</i> , 2020, 30, 3-6.	2.0	1
316	Modelling the thermal microenvironment of footwear subjected to forced ventilation. <i>Ergonomics</i> , 2022, , 1-18.	1.1	1
317	Fomite Transmission Follows Invasion Ecology Principles. <i>MSystems</i> , 2022, , e0021122.	1.7	1
318	Robustness of Air Distribution in Plenum-Based Ductless Ventilation Systems. <i>International Journal of Ventilation</i> , 2004, 3, 105-118.	0.2	0
319	Ventilation for Better Indoor Air Quality - Selected Papers from the Indoor Air 2005 Conference. <i>International Journal of Ventilation</i> , 2006, 5, 273-273.	0.2	0
320	The Impact of City Scale Morphological and Anthropogenic Heat Parameters on Daily Temperature Cycles. <i>Energy Procedia</i> , 2015, 78, 3066-3071.	1.8	0
321	ISIAQ Academy Awards 2016. <i>Indoor Air</i> , 2017, 27, 705-707.	2.0	0
322	In Memory of Professor Jan Sundell (July 10, 1943â€“May 27, 2019). <i>Indoor Air</i> , 2019, 29, 701-703.	2.0	0
323	Introducing new Associate Editors and Editorial Board Members for <i>Indoor Air</i> . <i>Indoor Air</i> , 2019, 29, 367-368.	2.0	0