Yuguo Li

List of Publications by Year in Descending Order

309 papers	17,309 citations	66 h-index	123 g-index
341 ext. papers	21,749 ext. citations	6.5 avg, IF	7.34 L-index

#	Paper	IF	Citations
309	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks.. *Environmental Science & Technology*, **2022**,	10.3	16
308	High attack rate in a Tong Lau house outbreak of COVID-19 with subdivided units in Hong Kong.. *Interface Focus*, **2022**, 12, 20210063	3.9	3
307	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	12.8	3
306	An exploration of the political, social, economic and cultural factors affecting how different global regions initially reacted to the COVID-19 pandemic.. *Interface Focus*, **2022**, 12, 20210079	3.9	6
305	The effect of background wind on summertime daily maximum air temperature in Kowloon, Hong Kong. *Building and Environment*, **2022**, 210, 108693	6.5	1
304	Insufficient ventilation led to a probable long-range airborne transmission of SARS-CoV-2 on two buses. *Building and Environment*, **2022**, 207, 108414	6.5	25
303	Influence of network structure on contaminant spreading efficiency. *Journal of Hazardous Materials* , **2022**, 424, 127511	12.8	1
302	Extended short-range airborne transmission of respiratory infections. *Journal of Hazardous Materials*, **2022**, 422, 126837	12.8	7
301	Aerosol transmission of SARS-CoV-2 due to the chimney effect in two high-rise housing drainage stacks. *Journal of Hazardous Materials*, **2022**, 421, 126799	12.8	5
300	Modeling the thermal microenvironment of footwear subjected to forced ventilation.. *Ergonomics*, **2022**, 1-29	2.9	0
299	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	12.8	1
298	Modelling and optimizing tree planning for urban climate in a subtropical high-density city. *Urban Climate*, **2022**, 43, 101141	6.8	0
297	Exposure and respiratory infection risk via the short-range airborne route.. *Building and Environment*, **2022**, 219, 109166	6.5	0
296	Fomite Transmission Follows Invasion Ecology Principles.. *MSystems*, **2022**, e0021122	7.6	1
295	Probable cross-corridor transmission of SARS-CoV-2 due to cross airflows and its control.. *Building and Environment*, **2022**, 218, 109137	6.5	1
294	Role of pathogen-laden expiratory droplet dispersion and natural ventilation explaining a COVID-19 outbreak in a coach bus. *Building and Environment*, **2022**, 109160	6.5	0
293	How can ventilation be improved on public transportation buses? Insights from CO measurements. *Environmental Research*, **2021**, 112451	7.9	5

292	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.. *Journal of Hazardous Materials*, **2021**, 425, 128051	12.8	5
291	Footwear microclimate and its effects on the microbial community of the plantar skin. *Scientific Reports*, **2021**, 11, 20356	4.9	1
290	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. *Physics of Fluids*, **2021**, 33, 101301	4.4	6
289	Poor ventilation worsens short-range airborne transmission of respiratory infection. *Indoor Air*, **2021**,	5.4	6
288	Modeling and Experimental Validation of Microbial Transfer via Surface Touch. *Environmental Science & Technology*, **2021**, 55, 4148-4161	10.3	6
287	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	11.6	25
286	Inversion breakup over different shapes of urban areas. *Building and Environment*, **2021**, 190, 107548	6.5	1
285	Real human surface touch behavior based quantitative analysis on infection spread via fomite route in an office. *Building and Environment*, **2021**, 191, 107578	6.5	9
284	Dismantling myths on the airborne transmission of severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). *Journal of Hospital Infection*, **2021**, 110, 89-96	6.9	130
283	Changes in local travel behaviour before and during the COVID-19 pandemic in Hong Kong. *Cities*, **2021**, 112, 103139	5.6	33
282	A paradigm shift to combat indoor respiratory infection. *Science*, **2021**, 372, 689-691	33.3	73
281	Probable airborne transmission of SARS-CoV-2 in a poorly ventilated restaurant. *Building and Environment*, **2021**, 196, 107788	6.5	151
280	What dominates personal exposure? Ambient airflow pattern or local human thermal plume. *Building and Environment*, **2021**, 196, 107790	6.5	6
279	Correlating indoor and outdoor temperature and humidity in a sample of buildings in tropical climates. *Indoor Air*, **2021**, 31, 2281-2295	5.4	2
278	Quantitative city ventilation evaluation for urban canopy under heat island circulation without geostrophic winds: Multi-scale CFD model and parametric investigations. *Building and Environment*, **2021**, 196, 107793	6.5	4
277	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	6.5	2
276	Lack of cross-transmission of SARS-CoV-2 between passenger's cabins on the cruise ship. *Building and Environment*, **2021**, 198, 107839	6.5	7
275	Investigations of high-density urban boundary layer under summer prevailing wind conditions with Doppler LiDAR: A case study in Hong Kong. *Urban Climate*, **2021**, 38, 100884	6.8	3

274	Toilets dominate environmental detection of severe acute respiratory syndrome coronavirus 2 in a hospital. *Science of the Total Environment*, **2021**, 753, 141710	10.2	66
273	Multi-route transmission potential of SARS-CoV-2 in healthcare facilities. *Journal of Hazardous Materials*, **2021**, 402, 123771	12.8	44
272	Multi-route respiratory infection: When a transmission route may dominate. *Science of the Total Environment*, **2021**, 752, 141856	10.2	18
271	Indoor transmission of SARS-CoV-2. *Indoor Air*, **2021**, 31, 639-645	5.4	170
270	High spatial-resolution classification of urban surfaces using a deep learning method. *Building and Environment*, **2021**, 200, 107949	6.5	4
269	Revisiting physical distancing threshold in indoor environment using infection-risk-based modeling. *Environment International*, **2021**, 153, 106542	12.9	12
268	Evidence for lack of transmission by close contact and surface touch in a restaurant outbreak of COVID-19. *Journal of Infection*, **2021**, 83, 207-216	18.9	23
267	Surface touch network structure determines bacterial contamination spread on surfaces and occupant exposure. *Journal of Hazardous Materials*, **2021**, 416, 126137	12.8	4
266	What is the risk of acquiring SARS-CoV-2 from the use of public toilets?. *Science of the Total Environment*, **2021**, 792, 148341	10.2	15
265	Analysis of efficacy of intervention strategies for COVID-19 transmission: A case study of Hong Kong. *Environment International*, **2021**, 156, 106723	12.9	7
264	Weakening personal protective behavior by Chinese university students after COVID-19 vaccination. *Building and Environment*, **2021**, 206, 108367	6.5	5
263	The urban moisture island phenomenon and its mechanisms in a high-rise high-density city. *International Journal of Climatology*, **2021**, 41, E150	3.5	12
262	COVID-19 Vaccination Did Not Change the Personal Protective Behaviors of Healthcare Workers in China.. *Frontiers in Public Health*, **2021**, 9, 777426	6	4
261	Detection of Influenza and Other Respiratory Viruses in Air Sampled From a University Campus: A Longitudinal Study. *Clinical Infectious Diseases*, **2020**, 70, 850-858	11.6	11
260	Wind-driven pumping flow ventilation of highrise buildings: Effects of upstream building arrangements and opening area ratios. *Science of the Total Environment*, **2020**, 722, 137924	10.2	9
259	How can airborne transmission of COVID-19 indoors be minimised?. *Environment International*, **2020**, 142, 105832	12.9	525
258	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	3.4	11
257	A Comparison of Infection Venues of COVID-19 Case Clusters in Northeast China. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	7

256	Presence of Influenza Virus on Touch Surfaces in Kindergartens and Primary Schools. *Journal of Infectious Diseases*, **2020**, 222, 1329-1333	7	7
255	Frequent recovery of influenza A but not influenza B virus RNA in aerosols in pediatric patient rooms. *Indoor Air*, **2020**, 30, 805-815	5.4	5
254	Respiratory virus shedding in exhaled breath and efficacy of face masks. *Nature Medicine*, **2020**, 26, 676-680	36.5	1108
253	Most self-touches are with the nondominant hand. *Scientific Reports*, **2020**, 10, 10457	4.9	9
252	Experimental study of thermal plumes generated by a cluster of high-rise compact buildings under moderate background wind conditions. *Building and Environment*, **2020**, 181, 107076	6.5	4
251	Impact of intervention methods on COVID-19 transmission in Shenzhen. *Building and Environment*, **2020**, 180, 107106	6.5	14
250	Urban heat island circulations over the Beijing-Tianjin region under calm and fair conditions. *Building and Environment*, **2020**, 180, 107063	6.5	6
249	Infection Spread and High-Resolution Detection of Close Contact Behaviors. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	17
248	Heatstroke recovery at home as predicted by human thermoregulation modeling. *Building and Environment*, **2020**, 173, 106752	6.5	5
247	Deposition of bronchiole-originated droplets in the lower airways during exhalation. *Journal of Aerosol Science*, **2020**, 142, 105524	4.3	2
246	Quantifying the relative impact of contact heterogeneity on MRSA transmission in ICUs - a modelling study. *BMC Infectious Diseases*, **2020**, 20, 6	4	1
245	Short-range airborne route dominates exposure of respiratory infection during close contact. *Building and Environment*, **2020**, 176, 106859	6.5	154
244	Close contact behavior in indoor environment and transmission of respiratory infection. *Indoor Air*, **2020**, 30, 645-661	5.4	32
243	Conditions for transition from a plume to a dome above a heated horizontal area. *International Journal of Heat and Mass Transfer*, **2020**, 156, 119868	4.9	7
242	Scaled outdoor experimental studies of urban thermal environment in street canyon models with various aspect ratios and thermal storage. *Science of the Total Environment*, **2020**, 726, 138147	10.2	41
241	City-scale morphological influence on diurnal urban air temperature. *Building and Environment*, **2020**, 169, 106527	6.5	9
240	Hand hygiene and surface cleaning should be paired for prevention of fomite transmission. *Indoor Air*, **2020**, 30, 49-59	5.4	10
239	Correlation between the normal position of a particle on a rough surface and the van der Waals force. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 585, 124096	5.1	6

238	High and low temperatures aggravate airway inflammation of asthma: Evidence in a mouse model. *Environmental Pollution*, **2020**, 256, 113433	9.3	16
237	Urban plume characteristics under various wind speed, heat flux, and stratification conditions. *Atmospheric Environment*, **2020**, 239, 117774	5.3	8
236	Probable Evidence of Fecal Aerosol Transmission of SARS-CoV-2 in a High-Rise Building. *Annals of Internal Medicine*, **2020**, 173, 974-980	8	106
235	Early-life exposure to air pollution and childhood allergic diseases: an update on the link and its implications. *Expert Review of Clinical Immunology*, **2020**, 16, 813-827	5.1	14
234	Combined effects of traffic air pollution and home environmental factors on preterm birth in China. *Ecotoxicology and Environmental Safety*, **2019**, 184, 109639	7	15
233	New sequential-touch method to determine bacterial contact transfer rate from finger to surface. *Journal of Applied Microbiology*, **2019**, 127, 605-615	4.7	5
232	Interacting urban heat island circulations as affected by weak background wind. *Building and Environment*, **2019**, 160, 106224	6.5	7
231	Wind driven pumping fluid flow and turbulent mean oscillation across high-rise building enclosures with multiple naturally ventilated apertures. *Sustainable Cities and Society*, **2019**, 50, 101619	10.1	9
230	Carbon Dots as a New Class of Diamagnetic Chemical Exchange Saturation Transfer (diaCEST) MRI Contrast Agents. *Angewandte Chemie - International Edition*, **2019**, 58, 9871-9875	16.4	26
229	TIV and PIV based natural convection study over a square flat plate under stable stratification. *International Journal of Heat and Mass Transfer*, **2019**, 140, 660-670	4.9	8
228	Physical factors that affect microbial transfer during surface touch. *Building and Environment*, **2019**, 158, 28-38	6.5	16
227	Pathway using WUDAPT's Digital Synthetic City tool towards generating urban canopy parameters for multi-scale urban atmospheric modeling. *Urban Climate*, **2019**, 28, 100459	6.8	23
226	PIV based POD analysis of coherent structures in flow patterns generated by triple interacting buoyant plumes. *Building and Environment*, **2019**, 158, 165-181	6.5	14
225	A novel partial lid for mechanical defeatherers reduced aerosol dispersion during processing of avian influenza virus infected poultry. *PLoS ONE*, **2019**, 14, e0216478	3.7	1
224	Human behavior during close contact in a graduate student office. *Indoor Air*, **2019**, 29, 577-590	5.4	11
223	Increased infection severity in downstream cities in infectious disease transmission and tourists surveillance analysis. *Journal of Theoretical Biology*, **2019**, 470, 20-29	2.3	8
222	Recognition of aerosol transmission of infectious agents: a commentary. *BMC Infectious Diseases*, **2019**, 19, 101	4	402
221	Water tank modelling of variations in inversion breakup over a circular city. *Building and Environment*, **2019**, 164, 106342	6.5	5

220	Effect of city shape on urban wind patterns and convective heat transfer in calm and stable background conditions. *Building and Environment*, **2019**, 162, 106288	6.5	20
219	CFD simulation of "pumping" flow mechanism of an urban building affected by an upstream building in high Reynolds flows. *Energy and Buildings*, **2019**, 202, 109330	7	12
218	The dynamic fomite transmission of Methicillin-resistant Staphylococcus aureus in hospitals and the possible improved intervention methods. *Building and Environment*, **2019**, 161, 106246	6.5	16
217	Impacts of urban microclimate on summertime sensible and latent energy demand for cooling in residential buildings of Hong Kong. *Energy*, **2019**, 189, 116208	7.9	16
216	Health effects of physical activity as predicted by particle deposition in the human respiratory tract. *Science of the Total Environment*, **2019**, 657, 819-826	10.2	24
215	Dual steady flow solutions of heat and pollutant removal from a slot ventilated welding enclosure containing a bottom heating source. *International Journal of Heat and Mass Transfer*, **2019**, 132, 11-24	4.9	3
214	Particle deposition in the human lung: Health implications of particulate matter from different sources. *Environmental Research*, **2019**, 169, 237-245	7.9	121
213	Urban heat island circulations of an idealized circular city as affected by background wind speed. *Building and Environment*, **2019**, 148, 433-447	6.5	16
212	Airborne pollutant dilution inside the deep street canyons subjecting to thermal buoyancy driven flows: Effects of representative urban skylines. *Building and Environment*, **2019**, 149, 592-606	6.5	22
211	Experimental investigation of near-field stream-wise flow development and spatial structure in triple buoyant plumes. *Building and Environment*, **2019**, 149, 79-89	6.5	15
210	The impact of building operations on urban heat/cool islands under urban densification: A comparison between naturally-ventilated and air-conditioned buildings. *Applied Energy*, **2019**, 235, 129-138	10.7	22
209	Mean shear flow in recirculating turbulent urban convection and the plume-puff eddy structure below stably stratified inversion layers. *Theoretical and Applied Climatology*, **2019**, 135, 1485-1499	3	7
208	Interventions to Reduce Personal Exposures to Air Pollution: A Primer for Health Care Providers. *Global Heart*, **2019**, 14, 47-60	2.9	12
207	Defining the sizes of airborne particles that mediate influenza transmission in ferrets. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E2386-E2392	11.5	47
206	Interaction of multiple urban heat island circulations under idealised settings. *Building and Environment*, **2018**, 134, 10-20	6.5	29
205	Harmonic analysis of 130-year hourly air temperature in Hong Kong: detecting urban warming from the perspective of annual and daily cycles. *Climate Dynamics*, **2018**, 51, 613-625	4.2	8
204	Non-uniform ground-level wind patterns in a heat dome over a uniformly heated non-circular city. *International Journal of Heat and Mass Transfer*, **2018**, 124, 233-246	4.9	22
203	Parental stress and air pollution increase childhood asthma in China. *Environmental Research*, **2018**, 165, 23-31	7.9	35

202	Characterizing dynamic transmission of contaminants on a surface touch network. *Building and Environment*, **2018**, 129, 107-116	6.5	12
201	Thermal buoyancy driven canyon airflows inside the compact urban blocks saturated with very weak synoptic wind: Plume merging mechanism. *Building and Environment*, **2018**, 131, 32-43	6.5	21
200	Seasonal variation of window opening behaviors in two naturally ventilated hospital wards. *Building and Environment*, **2018**, 130, 85-93	6.5	35
199	Phenols as Diamagnetic T -Exchange Magnetic Resonance Imaging Contrast Agents. *Chemistry - A European Journal*, **2018**, 24, 1259-1263	4.8	12
198	A study of the probable transmission routes of MERS-CoV during the first hospital outbreak in the Republic of Korea. *Indoor Air*, **2018**, 28, 51-63	5.4	54
197	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. *Journal of Wind Engineering and Industrial Aerodynamics*, **2018**, 179, 449-462	3.7	13
196	Unsteady large-scale flow patterns and dynamic vortex movement in near-field triple buoyant plumes. *Building and Environment*, **2018**, 142, 288-300	6.5	12
195	Equilibrium of particle distribution on surfaces due to touch. *Building and Environment*, **2018**, 143, 461-472	6.5	9
194	Effects of anthropogenic heat due to air-conditioning systems on an extreme high temperature event in Hong Kong. *Environmental Research Letters*, **2018**, 13, 034015	6.2	35
193	Computational fluid dynamics predictions of non-isothermal ventilation flow-How can the user factor be minimized?. *Indoor Air*, **2018**, 28, 866-880	5.4	12
192	Wind weakening in a dense high-rise city due to over nearly five decades of urbanization. *Building and Environment*, **2018**, 138, 207-220	6.5	40
191	Probable transmission routes of the influenza virus in a nosocomial outbreak. *Epidemiology and Infection*, **2018**, 146, 1114-1122	4.3	18
190	Transmission of Influenza A in a Student Office Based on Realistic Person-to-Person Contact and Surface Touch Behaviour. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	44
189	A human behavior integrated hierarchical model of airborne disease transmission in a large city. *Building and Environment*, **2018**, 127, 211-220	6.5	32
188	Routes of transmission of influenza A H1N1, SARS CoV, and norovirus in air cabin: Comparative analyses. *Indoor Air*, **2018**, 28, 394-403	5.4	94
187	Assessing the risk of downwind spread of avian influenza virus via airborne particles from an urban wholesale poultry market. *Building and Environment*, **2018**, 127, 120-126	6.5	12
186	Stone forest as a small-scale field model for the study of urban climate. *International Journal of Climatology*, **2018**, 38, 3723-3731	3.5	7
185	The Street Air Warming Phenomenon in a High-Rise Compact City. *Atmosphere*, **2018**, 9, 402	2.7	6

184	Surface touch and its network growth in a graduate student office. *Indoor Air*, **2018**, 28, 963-972	5.4	24
183	Heatstroke at home: Prediction by thermoregulation modeling. *Building and Environment*, **2018**, 137, 147-156	6.5	20
182	Transmission routes of influenza A(H1N1)pdm09: analyses of inflight outbreaks. *Epidemiology and Infection*, **2018**, 146, 1731-1739	4.3	4
181	The urban cool island phenomenon in a high-rise high-density city and its mechanisms. *International Journal of Climatology*, **2017**, 37, 890-904	3.5	79
180	Human thermal sensation and comfort in a non-uniform environment with personalized heating. *Science of the Total Environment*, **2017**, 578, 242-248	10.2	42
179	Evaporation and dispersion of respiratory droplets from coughing. *Indoor Air*, **2017**, 27, 179-190	5.4	156
178	Short-range airborne transmission of expiratory droplets between two people. *Indoor Air*, **2017**, 27, 452-462	5.4	147
177	One-Component Supramolecular Filament Hydrogels as Theranostic Label-Free Magnetic Resonance Imaging Agents. *ACS Nano*, **2017**, 11, 797-805	16.7	72
176	The lock-up phenomenon of exhaled flow in a stable thermally-stratified indoor environment. *Building and Environment*, **2017**, 116, 246-256	6.5	22
175	Buoyancy and turbulence-driven atmospheric circulation over urban areas. *Journal of Environmental Sciences*, **2017**, 59, 63-71	6.4	19
174	Impact of land surface heterogeneity on urban heat island circulation and sea-land breeze circulation in Hong Kong. *Journal of Geophysical Research D: Atmospheres*, **2017**, 122, 4332-4352	4.4	29
173	Exploring surface cleaning strategies in hospital to prevent contact transmission of methicillin-resistant Staphylococcus aureus. *BMC Infectious Diseases*, **2017**, 17, 85	4	19
172	On the asymmetry of the urban daily air temperature cycle. *Journal of Geophysical Research D: Atmospheres*, **2017**, 122, 5625-5635	4.4	21
171	The effect of building spacing on near-field temporal evolution of triple building plumes. *Building and Environment*, **2017**, 122, 35-49	6.5	14
170	Association between prenatal exposure to industrial air pollution and onset of early childhood ear infection in China. *Atmospheric Environment*, **2017**, 157, 18-26	5.3	22
169	Numerical modeling of particle deposition in ferret airways: A comparison with humans. *Aerosol Science and Technology*, **2017**, 51, 477-487	3.4	11
168	Diurnal variation of natural convective wall flows and the resulting air change rate in a homogeneous urban canopy layer. *Energy and Buildings*, **2017**, 153, 201-208	7	7
167	Near-field merging and penetration of triple starting plumes from volumetric heat sources in a calm environment. *International Journal of Heat and Mass Transfer*, **2017**, 115, 1321-1333	4.9	9

166	Human Cough as a Two-Stage Jet and Its Role in Particle Transport. *PLoS ONE*, **2017**, 12, e0169235	3.7	62
165	Role of fomites in SARS transmission during the largest hospital outbreak in Hong Kong. *PLoS ONE*, **2017**, 12, e0181558	3.7	77
164	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	2.7	2
163	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	7	28
162	Horizontal extent of the urban heat dome flow. *Scientific Reports*, **2017**, 7, 11681	4.9	19
161	A dextran-based probe for the targeted magnetic resonance imaging of tumours expressing prostate-specific membrane antigen. *Nature Biomedical Engineering*, **2017**, 1, 977-982	19	44
160	Logistic growth of a surface contamination network and its role in disease spread. *Scientific Reports* , **2017**, 7, 14826	4.9	44
159	The Diurnal Cycle of Urban Thermal Environment in Scale-model Street Canyons by Outdoor Field Measurement. *Procedia Engineering*, **2017**, 198, 743-757		6
158	Free vent boundary conditions for thermal buoyancy driven laminar flows inside open building enclosures. *Building and Environment*, **2017**, 111, 10-23	6.5	5
157	A combined fully-resolved and porous approach for building cluster wind flows. *Building Simulation*, **2017**, 10, 97-109	3.9	9
156	Airborne or Fomite Transmission for Norovirus? A Case Study Revisited. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	19
155	Airborne spread of infectious agents in the indoor environment. *American Journal of Infection Control*, **2016**, 44, S102-8	3.8	214
154	A New Convective Velocity Scale for Studying Diurnal Urban Heat Island Circulation. *Journal of Applied Meteorology and Climatology*, **2016**, 55, 2151-2164	2.7	27
153	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	10.2	14
152	Early life exposure to traffic-related air pollution and allergic rhinitis in preschool children. *Respiratory Medicine*, **2016**, 121, 67-73	4.6	84
151	Exposure to outdoor air pollution during trimesters of pregnancy and childhood asthma, allergic rhinitis, and eczema. *Environmental Research*, **2016**, 150, 119-127	7.9	166
150	Possible user-dependent CFD predictions of transitional flow in building ventilation. *Building and Environment*, **2016**, 99, 130-141	6.5	13
149	Low re-inhalation of the exhaled flow during normal nasal breathing in a pediatric airway replica. *Building and Environment*, **2016**, 97, 40-47	6.5	3

148	Predicting urban heat island circulation using CFD. *Building and Environment*, **2016**, 99, 82-97	6.5	56
147	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. *PLoS ONE*, **2016**, 11, e0148669	3.7	38
146	Building Ventilation as an Effective Disease Intervention Strategy in a Dense Indoor Contact Network in an Ideal City. *PLoS ONE*, **2016**, 11, e0162481	3.7	24
145	CEST theranostics: label-free MR imaging of anticancer drugs. *Oncotarget*, **2016**, 7, 6369-78	3.3	36
144	Label-free CEST MRI Detection of Citicoline-Liposome Drug Delivery in Ischemic Stroke. *Theranostics*, **2016**, 6, 1588-600	12.1	53
143	Outdoor air pollution, meteorological conditions and indoor factors in dwellings in relation to sick building syndrome (SBS) among adults in China. *Science of the Total Environment*, **2016**, 560-561, 186-96	10.2	68
142	Natural convection flows along a 16-storey high-rise building. *Building and Environment*, **2016**, 107, 215-225	6.5	36
141	Enhanced spread of expiratory droplets by turbulence in a cough jet. *Building and Environment*, **2015**, 93, 86-96	6.5	150
140	The impact of building density and building height heterogeneity on average urban albedo and street surface temperature. *Building and Environment*, **2015**, 90, 146-156	6.5	124
139	Potential airborne transmission between two isolation cubicles through a shared anteroom. *Building and Environment*, **2015**, 89, 264-278	6.5	40
138	Suitability of acrylic and copper globe thermometers for diurnal outdoor settings. *Building and Environment*, **2015**, 89, 279-294	6.5	16
137	Engineering control of respiratory infection and low-energy design of healthcare facilities. *Science and Technology for the Built Environment*, **2015**, 21, 25-34	1.8	16
136	The Impact of Urbanization on Moisture Excess in Hong Kong. *Energy Procedia*, **2015**, 78, 3061-3065	2.3	
135	The Impact of City Scale Morphological and Anthropogenic Heat Parameters on Daily Temperature Cycles. *Energy Procedia*, **2015**, 78, 3066-3071	2.3	
134	Challenges for Modeling Energy Use in High-rise Office Buildings in Hong Kong. *Procedia Engineering*, **2015**, 121, 513-520		9
133	Experimental Assessment on Heat Transfer and Smoke Flow Characteristics of a Typical Elevated Chinese Kang. *International Journal of Green Energy*, **2015**, 12, 1178-1188	3	5
132	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	6.5	75
131	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	6.5	102

130	Advances in wind energy resource exploitation in urban environment: A review. *Renewable and Sustainable Energy Reviews*, **2014**, 37, 613-626	16.2	129
129	Absence of detectable influenza RNA transmitted via aerosol during various human respiratory activities--experiments from Singapore and Hong Kong. *PLoS ONE*, **2014**, 9, e107338	3.7	19
128	Smoke flow bifurcation due to opposing buoyancy in two horizontally connected compartments. *Fire Safety Journal*, **2013**, 59, 62-75	3.3	10
127	Development of a Three-Dimensional Urban Energy Model for Predicting and Understanding Surface Temperature Distribution. *Boundary-Layer Meteorology*, **2013**, 149, 303-321	3.4	31
126	On the contribution of mean flow and turbulence to city breathability: the case of long streets with tall buildings. *Science of the Total Environment*, **2012**, 416, 362-73	10.2	61
125	Evaluation of intervention strategies in schools including ventilation for influenza transmission control. *Building Simulation*, **2012**, 5, 29-37	3.9	9
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