

# Ling Tim Wong

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75  
papers

987  
citations

17  
h-index

28  
g-index

82  
ext. papers

1,160  
ext. citations

3.7  
avg, IF

4.49  
L-index

#	Paper	IF	Citations
75	Time-Variant Positive Air Pressure in Drainage Stacks as a Pathogen Transmission Pathway of COVID-19. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
74	Bayesian updates for indoor environmental quality (IEQ) acceptance model for residential buildings. <i>Intelligent Buildings International</i> , <b>2021</b> , 13, 17-32	1.7	3
73	A Hybrid Simulation Model to Predict the Cooling Energy Consumption for Residential Housing in Hong Kong. <i>Energies</i> , <b>2021</b> , 14, 4850	3.1	0
72	Environmental evaluation of pump replacement period in water supply systems of buildings. <i>Journal of Building Engineering</i> , <b>2021</b> , 40, 102750	5.2	
71	A numerical study of ventilation strategies for infection risk mitigation in general inpatient wards. <i>Building Simulation</i> , <b>2020</b> , 13, 1-10	3.9	19
70	Evaluation of Design Flow Rate of Water Supply Systems with Low Flow Showering Appliances. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 100	3	3
69	Evaluation of an indoor environmental quality model for very small residential units. <i>Indoor and Built Environment</i> , <b>2019</b> , 28, 470-478	1.8	10
68	Modeling Study of Design Flow Rates for Cascade Water Supply Systems in Residential Skyscrapers. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2580	3	1
67	Aerosol generation rates for showerheads. <i>Building Services Engineering Research and Technology</i> , <b>2019</b> , 40, 595-610	2.3	1
66	A Review of Demand Models for Water Systems in Buildings including A Bayesian Approach. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1078	3	6
65	Improving cooling energy efficiency in Hong Kong offices using demand-controlled ventilation (DCV) and adaptive comfort temperature (ACT) systems to provide indoor environmental quality (IEQ) acceptance. <i>HKIE Transactions</i> , <b>2017</b> , 24, 78-87	2.9	1
64	Carbon Dioxide Reduction Targets of Hot Water Showers for People in Hong Kong. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 576	3	3
63	Impact Evaluation of Low Flow Showerheads for Hong Kong Residents. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 305	3	8
62	Evaluation of Indoor Air Quality Screening Strategies: A Step-Wise Approach for IAQ Screening. <i>International Journal of Environmental Research and Public Health</i> , <b>2016</b> , 13,	4.6	6
61	A hybrid simulation approach to predict cooling energy demand for public housing in Hong Kong. <i>Building Simulation</i> , <b>2015</b> , 8, 603-611	3.9	3
60	Drag constants for common indoor bioaerosols. <i>Indoor and Built Environment</i> , <b>2015</b> , 24, 401-413	1.8	9
59	Electricity energy trends in Hong Kong residential housing environment. <i>Indoor and Built Environment</i> , <b>2014</b> , 23, 1021-1028	1.8	7

58	Energy efficiency of elevated water supply tanks for high-rise buildings. <i>Applied Energy</i> , <b>2013</b> , 103, 685-691	2.8	28
57	Modelling occurrence and duration of building drainage discharge loads from random and intermittent appliance flushes. <i>Building Services Engineering Research and Technology</i> , <b>2013</b> , 34, 381-392	2.3	6
56	Downtime of in-use water pump installations for high-rise residential buildings. <i>Building Services Engineering Research and Technology</i> , <b>2012</b> , 33, 181-190	2.3	4
55	Air quality influence on chronic obstructive pulmonary disease (COPD) patients' quality of life. <i>Indoor Air</i> , <b>2010</b> , 20, 434-41	5.4	5
54	Scoping indoor airborne fungi in an excellent indoor air quality office building in Hong Kong. <i>Building Services Engineering Research and Technology</i> , <b>2010</b> , 31, 191-199	2.3	3
53	An Experimental and Numerical Study on Deposition of Bioaerosols in a Scaled Chamber. <i>Aerosol Science and Technology</i> , <b>2010</b> , 44, 117-128	3.4	17
52	Shower water heat recovery in high-rise residential buildings of Hong Kong. <i>Applied Energy</i> , <b>2010</b> , 87, 703-709	10.7	107
51	Optimization of indoor air temperature set-point for centralized air-conditioned spaces in subtropical climates. <i>Automation in Construction</i> , <b>2010</b> , 19, 709-713	9.6	7
50	Formaldehyde exposure risk in air-conditioned offices of Hong Kong. <i>Building Services Engineering Research and Technology</i> , <b>2009</b> , 30, 279-286	2.3	5
49	Drainage demands of domestic washrooms in Hong Kong. <i>Building Services Engineering Research and Technology</i> , <b>2009</b> , 30, 121-133	2.3	5
48	Modelling sanitary demands for occupant loads in shopping centres of Hong Kong. <i>Building Services Engineering Research and Technology</i> , <b>2009</b> , 30, 305-318	2.3	4
47	Acceptable noise levels for construction site offices. <i>Building Services Engineering Research and Technology</i> , <b>2009</b> , 30, 87-94	2.3	2
46	An energy consumption benchmarking system for residential buildings in Hong Kong. <i>Building Services Engineering Research and Technology</i> , <b>2009</b> , 30, 135-142	2.3	7
45	An energy performance assessment for indoor environmental quality (IEQ) acceptance in air-conditioned offices. <i>Energy Conversion and Management</i> , <b>2009</b> , 50, 1362-1367	10.6	27
44	Indoor Air Quality Benchmarking for Air Conditioned Offices. <i>Clean - Soil, Air, Water</i> , <b>2009</b> , 37, 481-486	1.6	2
43	Efficiency assessment of indoor environmental policy for air-conditioned offices in Hong Kong. <i>Applied Energy</i> , <b>2009</b> , 86, 1933-1938	10.7	20
42	An evaluation model for indoor environmental quality (IEQ) acceptance in residential buildings. <i>Energy and Buildings</i> , <b>2009</b> , 41, 930-936	7	159
41	Numerical modeling of exhaled droplet nuclei dispersion and mixing in indoor environments. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 167, 736-44	12.8	62

40	Evaluation on screening strategies for indoor air quality assessments in air-conditioned offices. <i>Building Services Engineering Research and Technology</i> , <b>2009</b> , 30, 203-212	2.3	2
39	An energy impact assessment of indoor air quality acceptance for air-conditioned offices. <i>Energy Conversion and Management</i> , <b>2008</b> , 49, 2815-2819	10.6	5
38	Demand Analysis for Residential Water Supply Systems in Hong Kong. <i>HKIE Transactions</i> , <b>2008</b> , 15, 24-282.9		8
37	Epistemic demand analysis for fresh water supply of Chinese restaurants. <i>Building Services Engineering Research and Technology</i> , <b>2008</b> , 29, 183-189	2.3	5
36	Epistemic evaluation of policy influence on workplace indoor air quality of Hong Kong in 1996-2005. <i>Building Services Engineering Research and Technology</i> , <b>2008</b> , 29, 157-164	2.3	9
35	Residential Lifetime Exposure Risk of Formaldehyde in Residential Buildings in Hong Kong. <i>Architectural Science Review</i> , <b>2008</b> , 51, 66-70	2.6	
34	Energy impact of indoor environmental policy for air-conditioned offices of Hong Kong. <i>Energy Policy</i> , <b>2008</b> , 36, 714-721	7.2	20
33	Influence of indoor air quality (IAQ) objectives on air-conditioned offices in Hong Kong. <i>Environmental Monitoring and Assessment</i> , <b>2008</b> , 144, 315-22	3.1	10
32	An approach to assessing the probability of unsatisfactory radon in air-conditioned offices of Hong Kong. <i>Journal of Environmental Radioactivity</i> , <b>2008</b> , 99, 248-59	2.4	7
31	A transient ventilation demand model for air-conditioned offices. <i>Applied Energy</i> , <b>2008</b> , 85, 545-554	10.7	25
30	Energy impact assessment for the reduction of carbon dioxide and formaldehyde exposure risk in air-conditioned offices. <i>Energy and Buildings</i> , <b>2008</b> , 40, 1412-1418	7	8
29	Stochastic modelling of water demand by domestic washrooms in residential tower blocks. <i>Water and Environment Journal</i> , <b>2008</b> , 22, 125-130	1.7	15
28	An energy benchmarking model for ventilation systems of air-conditioned offices in subtropical climates. <i>Applied Energy</i> , <b>2007</b> , 84, 89-98	10.7	42
27	A Fire Safety Evaluation System for Prioritizing Fire Improvements in Old High-rise Buildings in Hong Kong. <i>Fire Technology</i> , <b>2007</b> , 43, 233-249	3	13
26	Domestic water consumption benchmark development for Hong Kong. <i>Building Services Engineering Research and Technology</i> , <b>2007</b> , 28, 329-335	2.3	14
25	Fungi Ìn indoor air quality assessment parameter for air-conditioned offices. <i>Building Services Engineering Research and Technology</i> , <b>2007</b> , 28, 265-274	2.3	7
24	Evaluation of the neutral criterion of indoor air quality for air-conditioned offices in subtropical climates. <i>Building Services Engineering Research and Technology</i> , <b>2007</b> , 28, 23-33	2.3	21
23	Evaluation of Simultaneous Demands for Water Supply for Domestic Washroom Appliances. <i>Architectural Science Review</i> , <b>2007</b> , 50, 370-374	2.6	1

22	A New Sampling Approach for Assessing Indoor Air Quality. <i>Indoor and Built Environment</i> , <b>2006</b> , 15, 165-172	1.7	14
21	A humanized adaptive baseline information technology (HABIT) algorithm for a building management system. <i>Building Services Engineering Research and Technology</i> , <b>2006</b> , 27, 341-347	2.3	1
20	Feasibility Study of an Express Assessment Protocol for the Indoor Air Quality of Air-conditioned Offices. <i>Indoor and Built Environment</i> , <b>2006</b> , 15, 373-378	1.8	21
19	Experimental verification of a thermal radiation model for humanskin heat exposure. <i>Building Services Engineering Research and Technology</i> , <b>2006</b> , 27, 55-61	2.3	
18	Acceptable Illumination Levels for Office Occupants. <i>Architectural Science Review</i> , <b>2006</b> , 49, 116-119	2.6	26
17	Performance Evaluation of the Indoor Air Quality (IAQ) Assessment. <i>HKIE Transactions</i> , <b>2006</b> , 13, 23-26	2.9	
16	Recent Trends in Indoor Air Quality in Air-conditioned Office Buildings in Hong Kong: A Systematic Review. <i>Architectural Science Review</i> , <b>2006</b> , 49, 367-371	2.6	3
15	Modelling Transient Occupant Loads for Offices. <i>Architectural Science Review</i> , <b>2006</b> , 49, 53-58	2.6	12
14	Evaluation of Discharge Units for Domestic Washrooms in Hong Kong. <i>Architectural Science Review</i> , <b>2006</b> , 49, 418-421	2.6	2
13	Evaluating probable risk of evacuees in institutional buildings. <i>Safety Science</i> , <b>2006</b> , 44, 169-181	5.8	20
12	Assessing the Exit Sign Legibility for Building Occupants. <i>Architectural Science Review</i> , <b>2005</b> , 48, 153-161	2.6	6
11	Hazard of Thermal Radiation from a Hot Smoke Layer in Enclosures to an Evacuee. <i>Journal of Fire Sciences</i> , <b>2005</b> , 23, 139-156	1.5	7
10	Sanitary Accommodation Scales for Large Shopping Malls. <i>Architectural Science Review</i> , <b>2004</b> , 47, 355-364	2.6	3
9	The motion analysis of fire video images based on moment features and flicker frequency. <i>Journal of Marine Science and Application</i> , <b>2004</b> , 3, 81-86	1.2	3
8	Determining the Domestic Drainage Loads for High-Rise Buildings. <i>Architectural Science Review</i> , <b>2004</b> , 47, 347-354	2.6	15
7	Evaluation of Safe Distance of Fire Shutters in Shopping Malls. <i>Architectural Science Review</i> , <b>2003</b> , 46, 403-409	2.6	4
6	Occupant Load Assessment for Old Residential High-Rise Buildings. <i>Architectural Science Review</i> , <b>2003</b> , 46, 273-277	2.6	14
5	Hazard of thermal radiation from a heated fire shutter surface to a standing person. <i>Building Services Engineering Research and Technology</i> , <b>2003</b> , 24, 1-8	2.3	6

4	SAFETY CONSIDERATION OF FIRE SHUTTERS IN LARGE BUILDING SPACE. <i>Journal of Applied Fire Science</i> , <b>2002</b> , 11, 195-208		6
3	Thermal Environment Design of Atria in the Hong Kong Special Administrative Region: A Survey Study. <i>Architectural Science Review</i> , <b>1999</b> , 42, 235-252	2.6	9
2	A proposed fire safety ranking system for old highrise buildings in the Hong Kong Special Administrative Region. <i>Fire and Materials</i> , <b>1999</b> , 23, 27-31	1.8	17
1	A proposed fire safety ranking system for old highrise buildings in the Hong Kong Special Administrative Region <b>1999</b> , 23, 27		1