

Ling Tim Wong

List of Publications by Citations

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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	An evaluation model for indoor environmental quality (IEQ) acceptance in residential buildings. <i>Energy and Buildings</i> , 2009 , 41, 930-936	7	159
74	Shower water heat recovery in high-rise residential buildings of Hong Kong. <i>Applied Energy</i> , 2010 , 87, 703-709	10.7	107
73	Numerical modeling of exhaled droplet nuclei dispersion and mixing in indoor environments. <i>Journal of Hazardous Materials</i> , 2009 , 167, 736-44	12.8	62
72	An energy benchmarking model for ventilation systems of air-conditioned offices in subtropical climates. <i>Applied Energy</i> , 2007 , 84, 89-98	10.7	42
71	Energy efficiency of elevated water supply tanks for high-rise buildings. <i>Applied Energy</i> , 2013 , 103, 685-691	11.7	28
70	An energy performance assessment for indoor environmental quality (IEQ) acceptance in air-conditioned offices. <i>Energy Conversion and Management</i> , 2009 , 50, 1362-1367	10.6	27
69	Acceptable Illumination Levels for Office Occupants. <i>Architectural Science Review</i> , 2006 , 49, 116-119	2.6	26
68	A transient ventilation demand model for air-conditioned offices. <i>Applied Energy</i> , 2008 , 85, 545-554	10.7	25
67	Feasibility Study of an Express Assessment Protocol for the Indoor Air Quality of Air-conditioned Offices. <i>Indoor and Built Environment</i> , 2006 , 15, 373-378	1.8	21
66	Evaluation of the neutral criterion of indoor air quality for air-conditioned offices in subtropical climates. <i>Building Services Engineering Research and Technology</i> , 2007 , 28, 23-33	2.3	21
65	Efficiency assessment of indoor environmental policy for air-conditioned offices in Hong Kong. <i>Applied Energy</i> , 2009 , 86, 1933-1938	10.7	20
64	Energy impact of indoor environmental policy for air-conditioned offices of Hong Kong. <i>Energy Policy</i> , 2008 , 36, 714-721	7.2	20
63	Evaluating probable risk of evacuees in institutional buildings. <i>Safety Science</i> , 2006 , 44, 169-181	5.8	20
62	A numerical study of ventilation strategies for infection risk mitigation in general inpatient wards. <i>Building Simulation</i> , 2020 , 13, 1-10	3.9	19
61	An Experimental and Numerical Study on Deposition of Bioaerosols in a Scaled Chamber. <i>Aerosol Science and Technology</i> , 2010 , 44, 117-128	3.4	17
60	A proposed fire safety ranking system for old highrise buildings in the Hong Kong Special Administrative Region. <i>Fire and Materials</i> , 1999 , 23, 27-31	1.8	17
59	Stochastic modelling of water demand by domestic washrooms in residential tower blocks. <i>Water and Environment Journal</i> , 2008 , 22, 125-130	1.7	15

58	Determining the Domestic Drainage Loads for High-Rise Buildings. <i>Architectural Science Review</i> , 2004 , 47, 347-354	2.6	15
57	A New Sampling Approach for Assessing Indoor Air Quality. <i>Indoor and Built Environment</i> , 2006 , 15, 165-172	2.3	14
56	Domestic water consumption benchmark development for Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2007 , 28, 329-335	2.3	14
55	Occupant Load Assessment for Old Residential High-Rise Buildings. <i>Architectural Science Review</i> , 2003 , 46, 273-277	2.6	14
54	A Fire Safety Evaluation System for Prioritizing Fire Improvements in Old High-rise Buildings in Hong Kong. <i>Fire Technology</i> , 2007 , 43, 233-249	3	13
53	Modelling Transient Occupant Loads for Offices. <i>Architectural Science Review</i> , 2006 , 49, 53-58	2.6	12
52	Evaluation of an indoor environmental quality model for very small residential units. <i>Indoor and Built Environment</i> , 2019 , 28, 470-478	1.8	10
51	Influence of indoor air quality (IAQ) objectives on air-conditioned offices in Hong Kong. <i>Environmental Monitoring and Assessment</i> , 2008 , 144, 315-22	3.1	10
50	Drag constants for common indoor bioaerosols. <i>Indoor and Built Environment</i> , 2015 , 24, 401-413	1.8	9
49	Epistemic evaluation of policy influence on workplace indoor air quality of Hong Kong in 1996-2005. <i>Building Services Engineering Research and Technology</i> , 2008 , 29, 157-164	2.3	9
48	Thermal Environment Design of Atria in the Hong Kong Special Administrative Region: A Survey Study. <i>Architectural Science Review</i> , 1999 , 42, 235-252	2.6	9
47	Demand Analysis for Residential Water Supply Systems in Hong Kong. <i>HKIE Transactions</i> , 2008 , 15, 24-28	2.9	8
46	Energy impact assessment for the reduction of carbon dioxide and formaldehyde exposure risk in air-conditioned offices. <i>Energy and Buildings</i> , 2008 , 40, 1412-1418	7	8
45	Impact Evaluation of Low Flow Showerheads for Hong Kong Residents. <i>Water (Switzerland)</i> , 2016 , 8, 305	3	8
44	Electricity energy trends in Hong Kong residential housing environment. <i>Indoor and Built Environment</i> , 2014 , 23, 1021-1028	1.8	7
43	An energy consumption benchmarking system for residential buildings in Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 135-142	2.3	7
42	Optimization of indoor air temperature set-point for centralized air-conditioned spaces in subtropical climates. <i>Automation in Construction</i> , 2010 , 19, 709-713	9.6	7
41	An approach to assessing the probability of unsatisfactory radon in air-conditioned offices of Hong Kong. <i>Journal of Environmental Radioactivity</i> , 2008 , 99, 248-59	2.4	7

40	Fungi as an indoor air quality assessment parameter for air-conditioned offices. <i>Building Services Engineering Research and Technology</i> , 2007 , 28, 265-274	2.3	7
39	Hazard of Thermal Radiation from a Hot Smoke Layer in Enclosures to an Evacuee. <i>Journal of Fire Sciences</i> , 2005 , 23, 139-156	1.5	7
38	Modelling occurrence and duration of building drainage discharge loads from random and intermittent appliance flushes. <i>Building Services Engineering Research and Technology</i> , 2013 , 34, 381-392	2.3	6
37	Assessing the Exit Sign Legibility for Building Occupants. <i>Architectural Science Review</i> , 2005 , 48, 153-161	2.6	6
36	Hazard of thermal radiation from a heated fire shutter surface to a standing person. <i>Building Services Engineering Research and Technology</i> , 2003 , 24, 1-8	2.3	6
35	SAFETY CONSIDERATION OF FIRE SHUTTERS IN LARGE BUILDING SPACE. <i>Journal of Applied Fire Science</i> , 2002 , 11, 195-208		6
34	Evaluation of Indoor Air Quality Screening Strategies: A Step-Wise Approach for IAQ Screening. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	6
33	A Review of Demand Models for Water Systems in Buildings including A Bayesian Approach. <i>Water (Switzerland)</i> , 2018 , 10, 1078	3	6
32	Air quality influence on chronic obstructive pulmonary disease (COPD) patients' quality of life. <i>Indoor Air</i> , 2010 , 20, 434-41	5.4	5
31	Formaldehyde exposure risk in air-conditioned offices of Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 279-286	2.3	5
30	Drainage demands of domestic washrooms in Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 121-133	2.3	5
29	An energy impact assessment of indoor air quality acceptance for air-conditioned offices. <i>Energy Conversion and Management</i> , 2008 , 49, 2815-2819	10.6	5
28	Epistemic demand analysis for fresh water supply of Chinese restaurants. <i>Building Services Engineering Research and Technology</i> , 2008 , 29, 183-189	2.3	5
27	Modelling sanitary demands for occupant loads in shopping centres of Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 305-318	2.3	4
26	Downtime of in-use water pump installations for high-rise residential buildings. <i>Building Services Engineering Research and Technology</i> , 2012 , 33, 181-190	2.3	4
25	Evaluation of Safe Distance of Fire Shutters in Shopping Malls. <i>Architectural Science Review</i> , 2003 , 46, 403-409	2.6	4
24	Evaluation of Design Flow Rate of Water Supply Systems with Low Flow Showering Appliances. <i>Water (Switzerland)</i> , 2019 , 11, 100	3	3
23	A hybrid simulation approach to predict cooling energy demand for public housing in Hong Kong. <i>Building Simulation</i> , 2015 , 8, 603-611	3.9	3

22	Carbon Dioxide Reduction Targets of Hot Water Showers for People in Hong Kong. <i>Water (Switzerland)</i> , 2017 , 9, 576	3	3
21	Scoping indoor airborne fungi in an excellent indoor air quality office building in Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2010 , 31, 191-199	2.3	3
20	Recent Trends in Indoor Air Quality in Air-conditioned Office Buildings in Hong Kong: A Systematic Review. <i>Architectural Science Review</i> , 2006 , 49, 367-371	2.6	3
19	Sanitary Accommodation Scales for Large Shopping Malls. <i>Architectural Science Review</i> , 2004 , 47, 355-364	4.6	3
18	The motion analysis of fire video images based on moment features and flicker frequency. <i>Journal of Marine Science and Application</i> , 2004 , 3, 81-86	1.2	3
17	Bayesian updates for indoor environmental quality (IEQ) acceptance model for residential buildings. <i>Intelligent Buildings International</i> , 2021 , 13, 17-32	1.7	3
16	Acceptable noise levels for construction site offices. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 87-94	2.3	2
15	Indoor Air Quality Benchmarking for Air Conditioned Offices. <i>Clean - Soil, Air, Water</i> , 2009 , 37, 481-486	1.6	2
14	Evaluation on screening strategies for indoor air quality assessments in air-conditioned offices. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 203-212	2.3	2
13	Evaluation of Discharge Units for Domestic Washrooms in Hong Kong. <i>Architectural Science Review</i> , 2006 , 49, 418-421	2.6	2
12	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> , 2021 , 18,	4.6	2
11	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> , 2017 , 24, 78-87	2.9	1
10	A humanized adaptive baseline information technology (HABIT) algorithm for a building management system. <i>Building Services Engineering Research and Technology</i> , 2006 , 27, 341-347	2.3	1
9	Evaluation of Simultaneous Demands for Water Supply for Domestic Washroom Appliances. <i>Architectural Science Review</i> , 2007 , 50, 370-374	2.6	1
8	Modeling Study of Design Flow Rates for Cascade Water Supply Systems in Residential Skyscrapers. <i>Water (Switzerland)</i> , 2019 , 11, 2580	3	1
7	Aerosol generation rates for showerheads. <i>Building Services Engineering Research and Technology</i> , 2019 , 40, 595-610	2.3	1
6	A proposed fire safety ranking system for old highrise buildings in the Hong Kong Special Administrative Region 1999 , 23, 27		1
5	A Hybrid Simulation Model to Predict the Cooling Energy Consumption for Residential Housing in Hong Kong. <i>Energies</i> , 2021 , 14, 4850	3.1	0

- 4 Residential Lifetime Exposure Risk of Formaldehyde in Residential Buildings in Hong Kong. *Architectural Science Review*, **2008**, 51, 66-70 2.6
- 3 Experimental verification of a thermal radiation model for humanskin heat exposure. *Building Services Engineering Research and Technology*, **2006**, 27, 55-61 2.3
- 2 Performance Evaluation of the Indoor Air Quality (IAQ) Assessment. *HKIE Transactions*, **2006**, 13, 23-26 2.9
- 1 Environmental evaluation of pump replacement period in water supply systems of buildings. *Journal of Building Engineering*, **2021**, 40, 102750 5.2