

# Ling Tim Wong

## List of Publications by Year in descending order

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79  
papers

1,283  
citations

430442

18  
h-index

414034

32  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1060  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation model for indoor environmental quality (IEQ) acceptance in residential buildings. <i>Energy and Buildings</i> , 2009, 41, 930-936.	3.1	211
2	Shower water heat recovery in high-rise residential buildings of Hong Kong. <i>Applied Energy</i> , 2010, 87, 703-709.	5.1	131
3	Numerical modeling of exhaled droplet nuclei dispersion and mixing in indoor environments. <i>Journal of Hazardous Materials</i> , 2009, 167, 736-744.	6.5	79
4	A numerical study of ventilation strategies for infection risk mitigation in general inpatient wards. <i>Building Simulation</i> , 2020, 13, 887-896.	3.0	53
5	An energy benchmarking model for ventilation systems of air-conditioned offices in subtropical climates. <i>Applied Energy</i> , 2007, 84, 89-98.	5.1	46
6	Energy efficiency of elevated water supply tanks for high-rise buildings. <i>Applied Energy</i> , 2013, 103, 685-691.	5.1	35
7	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.	1.5	33
8	Acceptable Illumination Levels for Office Occupants. <i>Architectural Science Review</i> , 2006, 49, 116-119.	1.1	32
9	An energy performance assessment for indoor environmental quality (IEQ) acceptance in air-conditioned offices. <i>Energy Conversion and Management</i> , 2009, 50, 1362-1367.	4.4	30
10	A transient ventilation demand model for air-conditioned offices. <i>Applied Energy</i> , 2008, 85, 545-554.	5.1	27
11	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.	0.9	26
12	Energy impact of indoor environmental policy for air-conditioned offices of Hong Kong. <i>Energy Policy</i> , 2008, 36, 714-721.	4.2	26
13	Evaluating probable risk of evacuees in institutional buildings. <i>Safety Science</i> , 2006, 44, 169-181.	2.6	25
14	Efficiency assessment of indoor environmental policy for air-conditioned offices in Hong Kong. <i>Applied Energy</i> , 2009, 86, 1933-1938.	5.1	25
15	An Experimental and Numerical Study on Deposition of Bioaerosols in a Scaled Chamber. <i>Aerosol Science and Technology</i> , 2010, 44, 117-128.	1.5	23
16	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.	0.9	19
17	A New Sampling Approach for Assessing Indoor Air Quality. <i>Indoor and Built Environment</i> , 2006, 15, 165-172.	1.5	19
18	Domestic water consumption benchmark development for Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2007, 28, 329-335.	0.9	16

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19	Determining the Domestic Drainage Loads for High-Rise Buildings. <i>Architectural Science Review</i> , 2004, 47, 347-354.	1.1	15
20	Modelling Transient Occupant Loads for Offices. <i>Architectural Science Review</i> , 2006, 49, 53-58.	1.1	15
21	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.	1.5	15
22	Stochastic modelling of water demand by domestic washrooms in residential tower blocks. <i>Water and Environment Journal</i> , 2008, 22, 125-130.	1.0	15
23	Evaluation of an indoor environmental quality model for very small residential units. <i>Indoor and Built Environment</i> , 2019, 28, 470-478.	1.5	15
24	Occupant Load Assessment for Old Residential High-Rise Buildings. <i>Architectural Science Review</i> , 2003, 46, 273-277.	1.1	14
25	Impact Evaluation of Low Flow Showerheads for Hong Kong Residents. <i>Water (Switzerland)</i> , 2016, 8, 305.	1.2	14
26	Influence of indoor air quality (IAQ) objectives on air-conditioned offices in Hong Kong. <i>Environmental Monitoring and Assessment</i> , 2008, 144, 315-322.	1.3	12
27	Drag constants for common indoor bioaerosols. <i>Indoor and Built Environment</i> , 2015, 24, 401-413.	1.5	12
28	Epistemic evaluation of policy influence on workplace indoor air quality of Hong Kong in 1996â€“2005. <i>Building Services Engineering Research and Technology</i> , 2008, 29, 157-164.	0.9	11
29	Fungi â€“ an indoor air quality assessment parameter for air-conditioned offices. <i>Building Services Engineering Research and Technology</i> , 2007, 28, 265-274.	0.9	10
30	Optimization of indoor air temperature set-point for centralized air-conditioned spaces in subtropical climates. <i>Automation in Construction</i> , 2010, 19, 709-713.	4.8	10
31	Tiny affordable housing in Hong Kong. <i>Indoor and Built Environment</i> , 2018, 27, 1159-1161.	1.5	10
32	Thermal Environment Design of Atria in the Hong Kong Special Administrative Region: A Survey Study. <i>Architectural Science Review</i> , 1999, 42, 235-252.	1.1	9
33	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.	0.9	9
34	Electricity energy trends in Hong Kong residential housing environment. <i>Indoor and Built Environment</i> , 2014, 23, 1021-1028.	1.5	9
35	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, 1240.	1.2	9
36	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, 6068.	1.2	9

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37	Hazard of Thermal Radiation from a Hot Smoke Layer in Enclosures to an Evacuee. <i>Journal of Fire Sciences</i> , 2005, 23, 139-156.	0.9	8
38	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.	3.1	8
39	Demand Analysis for Residential Water Supply Systems in Hong Kong. <i>HKIE Transactions</i> , 2008, 15, 24-28.	1.9	8
40	An energy consumption benchmarking system for residential buildings in Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009, 30, 135-142.	0.9	8
41	Air quality influence on chronic obstructive pulmonary disease (COPD) patients' quality of life. <i>Indoor Air</i> , 2010, 20, 434-441.	2.0	8
42	Assessing the Exit Sign Legibility for Building Occupants. <i>Architectural Science Review</i> , 2005, 48, 153-161.	1.1	7
43	An approach to assessing the probability of unsatisfactory radon in air-conditioned offices of Hong Kong. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 248-259.	0.9	7
44	A Review of Demand Models for Water Systems in Buildings including A Bayesian Approach. <i>Water (Switzerland)</i> , 2018, 10, 1078.	1.2	7
45	SAFETY CONSIDERATION OF FIRE SHUTTERS IN LARGE BUILDING SPACE. <i>Journal of Applied Fire Science</i> , 2002, 11, 195-208.	0.0	7
46	Evaluation of Safe Distance of Fire Shutters in Shopping Malls. <i>Architectural Science Review</i> , 2003, 46, 403-409.	1.1	6
47	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.	0.7	6
48	An energy impact assessment of indoor air quality acceptance for air-conditioned offices. <i>Energy Conversion and Management</i> , 2008, 49, 2815-2819.	4.4	6
49	Drainage demands of domestic washrooms in Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009, 30, 121-133.	0.9	6
50	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.	0.9	6
51	A hybrid simulation approach to predict cooling energy demand for public housing in Hong Kong. <i>Building Simulation</i> , 2015, 8, 603-611.	3.0	6
52	Carbon Dioxide Reduction Targets of Hot Water Showers for People in Hong Kong. <i>Water (Switzerland)</i> , 2017, 9, 576.	1.2	6
53	Bayesian updates for indoor environmental quality (IEQ) acceptance model for residential buildings. <i>Intelligent Buildings International</i> , 2021, 13, 17-32.	1.3	6
54	A Hybrid Simulation Model to Predict the Cooling Energy Consumption for Residential Housing in Hong Kong. <i>Energies</i> , 2021, 14, 4850.	1.6	6

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55	Epistemic demand analysis for fresh water supply of Chinese restaurants. <i>Building Services Engineering Research and Technology</i> , 2008, 29, 183-189.	0.9	5
56	Formaldehyde exposure risk in air-conditioned offices of Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009, 30, 279-286.	0.9	5
57	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.	0.9	5
58	Evaluation of Design Flow Rate of Water Supply Systems with Low Flow Showering Appliances. <i>Water (Switzerland)</i> , 2019, 11, 100.	1.2	5
59	Updating Indoor Air Quality (IAQ) Assessment Screening Levels with Machine Learning Models. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5724.	1.2	5
60	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.	1.1	4
61	Modelling sanitary demands for occupant loads in shopping centres of Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009, 30, 305-318.	0.9	4
62	Downtime of in-use water pump installations for high-rise residential buildings. <i>Building Services Engineering Research and Technology</i> , 2012, 33, 181-190.	0.9	4
63	Sanitary Accommodation Scales for Large Shopping Malls. <i>Architectural Science Review</i> , 2004, 47, 355-364.	1.1	3
64	Acceptable noise levels for construction site offices. <i>Building Services Engineering Research and Technology</i> , 2009, 30, 87-94.	0.9	3
65	Modeling Study of Design Flow Rates for Cascade Water Supply Systems in Residential Skyscrapers. <i>Water (Switzerland)</i> , 2019, 11, 2580.	1.2	3
66	Aerosol generation rates for showerheads. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 595-610.	0.9	3
67	Evaluation of "Discharge Units"™ for Domestic Washrooms in Hong Kong. <i>Architectural Science Review</i> , 2006, 49, 418-421.	1.1	2
68	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.	0.9	2
69	Indoor Air Quality Benchmarking for Air Conditioned Offices. <i>Clean - Soil, Air, Water</i> , 2009, 37, 481-486.	0.7	2
70	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.	0.9	2
71	Evaluation of Simultaneous Demands for Water Supply for Domestic Washroom Appliances. <i>Architectural Science Review</i> , 2007, 50, 370-374.	1.1	1
72	Residential Lifetime Exposure Risk of Formaldehyde in Residential Buildings in Hong Kong. <i>Architectural Science Review</i> , 2008, 51, 66-70.	1.1	1

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73	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. HKIE Transactions, 2017, 24, 78-87.	1.9	1
74	A proposed fire safety ranking system for old highrise buildings in the Hong Kong Special Administrative Region. , 1999, 23, 27.		1
75	Experimental verification of a thermal radiation model for humanskin heat exposure. Building Services Engineering Research and Technology, 2006, 27, 55-61.	0.9	0
76	Performance Evaluation of the Indoor Air Quality (IAQ) Assessment. HKIE Transactions, 2006, 13, 23-26.	1.9	0
77	Environmental evaluation of pump replacement period in water supply systems of buildings. Journal of Building Engineering, 2021, 40, 102750.	1.6	0
78	SAMPLING POINT DENSITIES FOR ASSESSING INDOOR AIR QUALITY. , 2005, , .		0
79	Minimum Pumping Energy of Tree-Shaped Water Supply Networks for Probabilistic Demands in Built Environment. , 2012, , .		0