

Mui Kwok Wai

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8380488/mui-kwok-wai-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

79
papers

1,711
citations

20
h-index

38
g-index

93
ext. papers

2,032
ext. citations

4.4
avg, IF

4.87
L-index

#	Paper	IF	Citations
79	A multivariate-logistic model for acceptance of indoor environmental quality (IEQ) in offices. <i>Building and Environment</i> , 2008 , 43, 1-6	6.5	178
78	An evaluation model for indoor environmental quality (IEQ) acceptance in residential buildings. <i>Energy and Buildings</i> , 2009 , 41, 930-936	7	159
77	Student learning performance and indoor environmental quality (IEQ) in air-conditioned university teaching rooms. <i>Building and Environment</i> , 2012 , 49, 238-244	6.5	126
76	Shower water heat recovery in high-rise residential buildings of Hong Kong. <i>Applied Energy</i> , 2010 , 87, 703-709	10.7	107
75	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
74	A statistical model for characterizing common air pollutants in air-conditioned offices. <i>Atmospheric Environment</i> , 2006 , 40, 4246-4257	5.3	61
73	Neutral temperature in subtropical climates—a field survey in air-conditioned offices. <i>Building and Environment</i> , 2007 , 42, 699-706	6.5	50
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	Modeling water consumption and flow rates for flushing water systems in high-rise residential buildings in Hong Kong. <i>Building and Environment</i> , 2007 , 42, 2024-2034	6.5	41
70	Cooling load calculations in subtropical climate. <i>Building and Environment</i> , 2007 , 42, 2498-2504	6.5	36
69	Energy efficiency of elevated water supply tanks for high-rise buildings. <i>Applied Energy</i> , 2013 , 103, 685-691	11.7	28
68	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
67	Energy policy for integrating the building environmental performance model of an air conditioned building in a subtropical climate. <i>Energy Conversion and Management</i> , 2006 , 47, 2059-2069	10.6	27
66	A transient ventilation demand model for air-conditioned offices. <i>Applied Energy</i> , 2008 , 85, 545-554	10.7	25
65	Evaluation on sampling point densities for assessing indoor air quality. <i>Building and Environment</i> , 2006 , 41, 1515-1521	6.5	23
64	Risks of unsatisfactory airborne bacteria level in air-conditioned offices of subtropical climates. <i>Building and Environment</i> , 2008 , 43, 475-479	6.5	22
63	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

62	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
61	Efficiency assessment of indoor environmental policy for air-conditioned offices in Hong Kong. <i>Applied Energy</i> , 2009 , 86, 1933-1938	10.7	20
60	Energy impact of indoor environmental policy for air-conditioned offices of Hong Kong. <i>Energy Policy</i> , 2008 , 36, 714-721	7.2	20
59	Ventilation of general hospital wards for mitigating infection risks of three kinds of viruses including Middle East respiratory syndrome coronavirus. <i>Indoor and Built Environment</i> , 2017 , 26, 514-527	1.8	19
58	Epistemic water consumption benchmarks for residential buildings. <i>Building and Environment</i> , 2008 , 43, 1031-1035	6.5	19
57	Evaluation on different sampling schemes for assessing indoor radon level in Hong Kong. <i>Atmospheric Environment</i> , 2004 , 38, 6711-6723	5.3	18
56	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
55	An open acceptance model for indoor environmental quality (IEQ). <i>Building and Environment</i> , 2018 , 142, 371-378	6.5	16
54	Epistemic assessment of radon level of offices in Hong Kong. <i>Atmospheric Environment</i> , 2006 , 40, 1441-1451	4.5	16
53	Bayesian thermal comfort model. <i>Building and Environment</i> , 2014 , 82, 171-179	6.5	15
52	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
51	Evaluation on four sampling schemes for assessing indoor air quality. <i>Building and Environment</i> , 2007 , 42, 1119-1125	6.5	14
50	Domestic water consumption benchmark development for Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2007 , 28, 329-335	2.3	14
49	Building calibration for IAQ management. <i>Building and Environment</i> , 2006 , 41, 877-886	6.5	14
48	Characteristics of air pressure fluctuations in high-rise drainage stacks. <i>Building and Environment</i> , 2010 , 45, 684-690	6.5	12
47	Bayesian adaptive comfort temperature (BACT) of air-conditioning system in subtropical climate. <i>Building and Environment</i> , 2007 , 42, 1983-1988	6.5	12
46	Numerical simulation of bioaerosol particle exposure assessment in office environment from MVAC systems. <i>Journal of Computational Multiphase Flows</i> , 2018 , 10, 59-71		11
45	Evaluation of professional choice of sampling locations for indoor air quality assessment. <i>Building and Environment</i> , 2007 , 42, 2900-2907	6.5	11

44	Bayesian updates for indoor thermal comfort models. <i>Journal of Building Engineering</i> , 2020 , 29, 101117	5.2	11
43	An experimental study of bioaerosol (1 μ m) deposition in a ventilated chamber. <i>Building and Environment</i> , 2012 , 56, 118-126	6.5	10
42	Air Pressure Fluctuations of Drainage Stacks at a High-rise Office Building. <i>Indoor and Built Environment</i> , 2011 , 20, 412-419	1.8	10
41	An energy impact assessment of ventilation for indoor airborne bacteria exposure risk in air-conditioned offices. <i>Building and Environment</i> , 2008 , 43, 1939-1944	6.5	10
40	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
39	Determination of domestic flushing water consumption in Hong Kong. <i>Facilities</i> , 2005 , 23, 82-92	2.2	10
38	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
37	Discharge demand analysis on a drainage stack for residential buildings. <i>Facilities</i> , 2006 , 24, 132-140	2.2	9
36	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
35	Investigation of thermal comfort in sleeping environment and its association with sleep quality. <i>Building and Environment</i> , 2021 , 187, 107406	6.5	8
34	Pump Efficiency of Water Supply Systems in Buildings of Hong Kong. <i>Energy Procedia</i> , 2014 , 61, 335-338	2.3	7
33	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
32	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
31	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
30	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
29	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
28	In-cabin Exposure Levels of Carbon Monoxide, Carbon Dioxide and Airborne Particulate Matter in Air-Conditioned Buses of Hong Kong. <i>Indoor and Built Environment</i> , 2011 , 20, 464-470	1.8	6
27	Application of the Building Environmental Performance Model (BEPM) in Hong Kong. <i>Energy and Buildings</i> , 2005 , 37, 897-909	7	6

26	Influence of in-tunnel environment to in-bus air quality and thermal condition in Hong Kong. <i>Science of the Total Environment</i> , 2005 , 347, 163-74	10.2	6
25	Exhaust ventilation performance in residential washrooms for bioaerosol particle removal after water closet flushing. <i>Building Services Engineering Research and Technology</i> , 2017 , 38, 32-46	2.3	5
24	Air quality influence on chronic obstructive pulmonary disease (COPD) patients' quality of life. <i>Indoor Air</i> , 2010 , 20, 434-41	5.4	5
23	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
22	Drainage demands of domestic washrooms in Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 121-133	2.3	5
21	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
20	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
19	Energy efficiency evaluation for the water supply systems in tall buildings. <i>Building Services Engineering Research and Technology</i> , 2017 , 38, 400-407	2.3	4
18	Optimizing water supply pump replacement in buildings of Hong Kong. <i>Building Services Engineering Research and Technology</i> , 2016 , 37, 489-498	2.3	4
17	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
16	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
15	Sampling strategies of indoor air quality assessment for offices. <i>Facilities</i> , 2007 , 25, 179-184	2.2	4
14	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
13	Development of a Hybrid Artificial Neural Network Model and its Application to Data Regression. <i>Intelligent Automation and Soft Computing</i> , 2012 , 18, 319-332	2.6	3
12	An implementation choice of assessment parameters for indoor air quality (IAQ) in air-conditioned offices. <i>Facilities</i> , 2009 , 27, 202-210	2.2	3
11	Air pressure variations at drainage stacks of high-rise residential buildings. <i>Facilities</i> , 2008 , 26, 463-469	2.2	3
10	Acceptable noise levels for construction site offices. <i>Building Services Engineering Research and Technology</i> , 2009 , 30, 87-94	2.3	2
9	Mathematical models for accurate prediction of atmospheric visibility with particular reference to the seasonal and environmental patterns in Hong Kong. <i>Environmental Monitoring and Assessment</i> , 2009 , 158, 333-41	3.1	2

8	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
7	Occupant acceptance as a screening parameter for indoor environmental assessments. <i>Facilities</i> , 2010 , 28, 338-347	2.2	2
6	Performance impact of indoor environmental policy implementation for airside systems in Hong Kong Grade A offices. <i>Building Services Engineering Research and Technology</i> , 2015 , 36, 525-534	2.3	1
5	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
4	Feasibility study of a simple IAQ index for assessing air-conditioned offices. <i>Facilities</i> , 2012 , 30, 124-134	2.2	1
3	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
2	Radon emanation rates of common partition materials in Hong Kong. <i>Facilities</i> , 2005 , 23, 511-521	2.2	1
1	Survey of the Airside Systems in Hong Kong. <i>HKIE Transactions</i> , 2005 , 12, 9-14	2.9	