

Zhang Lin

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173
papers

6,284
citations

45
h-index

72
g-index

179
ext. papers

7,537
ext. citations

6.2
avg, IF

6.38
L-index

#	Paper	IF	Citations
173	Role of ventilation in airborne transmission of infectious agents in the built environment - a multidisciplinary systematic review. <i>Indoor Air</i> , 2007 , 17, 2-18	5.4	585
172	Energy and exergy analysis of photovoltaic thermal collector with and without glass cover. <i>Applied Energy</i> , 2009 , 86, 310-316	10.7	368
171	Global optimization of absorption chiller system by genetic algorithm and neural network. <i>Energy and Buildings</i> , 2002 , 34, 103-109	7	211
170	Generation of a typical meteorological year for Hong Kong. <i>Energy Conversion and Management</i> , 2006 , 47, 87-96	10.6	168
169	Comparative study of different solar cooling systems for buildings in subtropical city. <i>Solar Energy</i> , 2010 , 84, 227-244	6.8	167
168	Innovative solar windows for cooling-demand climate. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 212-220	6.4	161
167	Investigation on energy performance of double skin façade in Hong Kong. <i>Energy and Buildings</i> , 2009 , 41, 1135-1142	7	134
166	Performance evaluation of a PV ventilated window applying to office building of Hong Kong. <i>Energy and Buildings</i> , 2007 , 39, 643-650	7	107
165	Annual performance of building-integrated photovoltaic/water-heating system for warm climate application. <i>Applied Energy</i> , 2009 , 86, 689-696	10.7	106
164	A new method to assess spatial variations of outdoor thermal comfort: Onsite monitoring results and implications for precinct planning. <i>Building and Environment</i> , 2015 , 91, 263-270	6.5	101
163	Modeling and application of direct-expansion solar-assisted heat pump for water heating in subtropical Hong Kong. <i>Applied Energy</i> , 2010 , 87, 643-649	10.7	92
162	Thermal sensation of Hong Kong people with increased air speed, temperature and humidity in air-conditioned environment. <i>Building and Environment</i> , 2010 , 45, 2177-2183	6.5	86
161	Comparison of annual energy performances with different ventilation methods for cooling. <i>Energy and Buildings</i> , 2011 , 43, 130-136	7	85
160	Evaluation of thermal comfort conditions in a classroom with three ventilation methods. <i>Indoor Air</i> , 2011 , 21, 231-9	5.4	80
159	Advancement of solar desiccant cooling system for building use in subtropical Hong Kong. <i>Energy and Buildings</i> , 2010 , 42, 2386-2399	7	79
158	Investigation into the differences among several outdoor thermal comfort indices against field survey in subtropics. <i>Sustainable Cities and Society</i> , 2019 , 44, 676-690	10.1	79
157	Thermal characteristics of water-flow double-pane window. <i>International Journal of Thermal Sciences</i> , 2011 , 50, 140-148	4.1	77

156	Stratum ventilation [A potential solution to elevated indoor temperatures. <i>Building and Environment</i> , 2009 , 44, 2256-2269	6.5	77
155	Optimization of room air temperature in stratum-ventilated rooms for both thermal comfort and energy saving. <i>Applied Energy</i> , 2017 , 204, 420-431	10.7	75
154	A review of advanced air distribution methods - theory, practice, limitations and solutions. <i>Energy and Buildings</i> , 2019 , 202, 109359	7	73
153	Analysis of a solar assisted heat pump system for indoor swimming pool water and space heating. <i>Applied Energy</i> , 2012 , 100, 309-317	10.7	70
152	Conversion of operating theatre from positive to negative pressure environment. <i>Journal of Hospital Infection</i> , 2006 , 64, 371-8	6.9	67
151	Optimization on fresh outdoor air ratio of air conditioning system with stratum ventilation for both targeted indoor air quality and maximal energy saving. <i>Building and Environment</i> , 2019 , 147, 11-22	6.5	66
150	Investigation into sensitivities of factors in outdoor thermal comfort indices. <i>Building and Environment</i> , 2018 , 128, 129-142	6.5	66
149	Performance investigation of a novel frost-free air-source heat pump water heater combined with energy storage and dehumidification. <i>Applied Energy</i> , 2015 , 139, 212-219	10.7	64
148	Performance evaluation of district cooling plant with ice storage. <i>Energy</i> , 2006 , 31, 2750-2762	7.9	63
147	Solar hybrid cooling system for high-tech offices in subtropical climate [Radiant cooling by absorption refrigeration and desiccant dehumidification. <i>Energy Conversion and Management</i> , 2011 , 52, 2883-2894	10.6	62
146	Comparison of gaseous contaminant diffusion under stratum ventilation and under displacement ventilation. <i>Building and Environment</i> , 2010 , 45, 2035-2046	6.5	62
145	Experimental study of airflow characteristics of stratum ventilation in a multi-occupant room with comparison to mixing ventilation and displacement ventilation. <i>Indoor Air</i> , 2015 , 25, 662-71	5.4	60
144	Potential application of a centralized solar water-heating system for a high-rise residential building in Hong Kong. <i>Applied Energy</i> , 2006 , 83, 42-54	10.7	59
143	Comparison of performances of displacement and mixing ventilations. Part II: indoor air quality. <i>International Journal of Refrigeration</i> , 2005 , 28, 288-305	3.8	59
142	The function of solar absorbing window as water-heating device. <i>Building and Environment</i> , 2011 , 46, 955-960	6.5	58
141	CFD study on effect of the air supply location on the performance of the displacement ventilation system. <i>Building and Environment</i> , 2005 , 40, 1051-1067	6.5	56
140	Computer modeling and experimental validation of a building-integrated photovoltaic and water heating system. <i>Applied Thermal Engineering</i> , 2008 , 28, 1356-1364	5.8	55
139	Effects of temperature and supply airflow rate on thermal comfort in a stratum-ventilated room. <i>Building and Environment</i> , 2015 , 92, 269-277	6.5	54

138	Experimental investigation of thermal and ventilation performances of stratum ventilation. <i>Building and Environment</i> , 2011 , 46, 1309-1320	6.5	53
137	Effects of operation parameters on performances of stratum ventilation for heating mode. <i>Building and Environment</i> , 2019 , 148, 55-66	6.5	51
136	Field study on adaptive thermal comfort in typical air conditioned classrooms. <i>Building and Environment</i> , 2018 , 133, 73-82	6.5	49
135	Performance evaluation and design guidelines for stratum ventilation. <i>Building and Environment</i> , 2011 , 46, 2267-2279	6.5	49
134	The Integrated Effect of Medical Lamp Position and Diffuser Discharge Velocity on Ultra-clean Ventilation Performance in an Operating Theatre. <i>Indoor and Built Environment</i> , 2006 , 15, 315-331	1.8	49
133	Experimental investigation into the interaction between the human body and room airflow and its effect on thermal comfort under stratum ventilation. <i>Indoor Air</i> , 2016 , 26, 274-85	5.4	48
132	Evaluation of a multi-nodal thermal regulation model for assessment of outdoor thermal comfort: Sensitivity to wind speed and solar radiation. <i>Building and Environment</i> , 2018 , 132, 45-56	6.5	47
131	Solar hybrid air-conditioning system for high temperature cooling in subtropical city. <i>Renewable Energy</i> , 2010 , 35, 2439-2451	8.1	46
130	Response-surface-model-based system sizing for Nearly/Net zero energy buildings under uncertainty. <i>Applied Energy</i> , 2018 , 228, 1020-1031	10.7	45
129	Thermal performance of natural airflow window in subtropical and temperate climate zones: A comparative study. <i>Energy Conversion and Management</i> , 2009 , 50, 1884-1890	10.6	43
128	Comparison of performances of displacement and mixing ventilations. Part I: thermal comfort. <i>International Journal of Refrigeration</i> , 2005 , 28, 276-287	3.8	43
127	Evaluation of pedestrian wind comfort near lift-up buildings with different aspect ratios and central core modifications. <i>Building and Environment</i> , 2017 , 124, 245-257	6.5	42
126	Uniformity of stratum-ventilated thermal environment and thermal sensation. <i>Indoor Air</i> , 2014 , 24, 521-534	5.4	42
125	An experimental investigation into stratum ventilation for the cooling of an office with asymmetrically distributed heat gains. <i>Building and Environment</i> , 2016 , 110, 76-88	6.5	41
124	Experimental analysis on a novel frost-free air-source heat pump water heater system. <i>Applied Thermal Engineering</i> , 2014 , 70, 808-816	5.8	39
123	Investigation into anti-airborne infection performance of stratum ventilation. <i>Building and Environment</i> , 2012 , 54, 29-38	6.5	39
122	The impact of temperature on mean local air age and thermal comfort in a stratum ventilated office. <i>Building and Environment</i> , 2011 , 46, 501-510	6.5	39
121	Use of ventilated solar screen window in warm climate. <i>Applied Thermal Engineering</i> , 2006 , 26, 1910-1918	5.8	39

120	A comparative experimental study on the performance of mixing ventilation and stratum ventilation for space heating. <i>Building and Environment</i> , 2019 , 157, 34-46	6.5	38
119	Some perceptions on typical weather year from the observations of Hong Kong and Macau. <i>Solar Energy</i> , 2006 , 80, 459-467	6.8	38
118	Dynamic control of room air temperature for stratum ventilation based on heat removal efficiency: Method and experimental validations. <i>Building and Environment</i> , 2018 , 140, 107-118	6.5	38
117	Simulation optimization of solar-assisted desiccant cooling system for subtropical Hong Kong. <i>Applied Thermal Engineering</i> , 2010 , 30, 220-228	5.8	36
116	Multi-criteria performance optimization for operation of stratum ventilation under heating mode. <i>Applied Energy</i> , 2019 , 239, 969-980	10.7	33
115	Improving predicted mean vote with inversely determined metabolic rate. <i>Sustainable Cities and Society</i> , 2020 , 53, 101870	10.1	32
114	Effect of internal partitions on the performance of under floor air supply ventilation in a typical office environment. <i>Building and Environment</i> , 2009 , 44, 534-545	6.5	30
113	Subzone control method of stratum ventilation for thermal comfort improvement. <i>Building and Environment</i> , 2019 , 149, 39-47	6.5	30
112	An experimental and numerical study on the effect of air terminal layout on the performance of stratum ventilation. <i>Building and Environment</i> , 2014 , 82, 75-86	6.5	29
111	Acceptance of thermal conditions and energy use of three ventilation strategies with six exhaust configurations for the classroom. <i>Building and Environment</i> , 2015 , 94, 606-619	6.5	29
110	Effect of building re-entrant shape on performance of air-cooled condensing units. <i>Energy and Buildings</i> , 2000 , 32, 143-152	7	28
109	Investigation into the thermal comfort of university students conducting outdoor training. <i>Building and Environment</i> , 2019 , 149, 26-38	6.5	28
108	Experimental study on the control effect of different ventilation systems on fine particles in a simulated hospital ward. <i>Sustainable Cities and Society</i> , 2021 , 73, 103102	10.1	28
107	Investigation on effect of indoor air distribution strategy on solar air-conditioning systems. <i>Renewable Energy</i> , 2019 , 131, 413-421	8.1	27
106	Experimental and numerical study of room airflow under stratum ventilation. <i>Building and Environment</i> , 2011 , 46, 235-244	6.5	27
105	Modeling non-uniform thermal environment of stratum ventilation with supply and exit air conditions. <i>Building and Environment</i> , 2018 , 144, 542-554	6.5	27
104	Cooling load calculation methods in spaces with stratified air: A brief review and numerical investigation. <i>Energy and Buildings</i> , 2018 , 165, 47-55	7	26
103	Investigation into outdoor thermal comfort conditions by different seasonal field surveys in China, Guangzhou. <i>International Journal of Biometeorology</i> , 2019 , 63, 1357-1368	3.7	26

102	Prediction of on-coil temperature of condensers installed at tall building re-entrant. <i>Applied Thermal Engineering</i> , 1999 , 19, 117-132	5.8	26
101	A comparative experimental investigation on radiant floor heating system and stratum ventilation. <i>Sustainable Cities and Society</i> , 2020 , 52, 101823	10.1	26
100	Pedestrian-level wind conditions in the space underneath lift-up buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 179, 58-69	3.7	25
99	Effective draft temperature for evaluating the performance of stratum ventilation. <i>Building and Environment</i> , 2011 , 46, 1843-1850	6.5	25
98	CFD analysis of ventilation effectiveness in a public transport interchange. <i>Building and Environment</i> , 2006 , 41, 254-261	6.5	25
97	Placement of condensing units of split-type air-conditioners at low-rise residences. <i>Applied Thermal Engineering</i> , 2002 , 22, 1431-1444	5.8	25
96	Heat removal efficiency based multi-node model for both stratum ventilation and displacement ventilation. <i>Building and Environment</i> , 2018 , 143, 24-35	6.5	24
95	Hong Kong solar radiation on building facades evaluated by numerical models. <i>Applied Thermal Engineering</i> , 2005 , 25, 1908-1921	5.8	24
94	Numerical study of Indoor Air Quality and thermal comfort under stratum ventilation. <i>Progress in Computational Fluid Dynamics</i> , 2008 , 8, 541	0.7	23
93	An experimental and numerical study on the effect of air terminal types on the performance of stratum ventilation. <i>Building and Environment</i> , 2014 , 82, 431-441	6.5	22
92	Year-round energy saving potential of stratum ventilated classrooms with temperature and humidity control. <i>HVAC and R Research</i> , 2013 , 19, 986-991		22
91	Technical feasibility of a stratum-ventilated room for multiple rows of occupants. <i>Building and Environment</i> , 2015 , 94, 580-592	6.5	22
90	A simple method for prediction of chilling times: extension to three-dimensional irregular shapes. <i>International Journal of Refrigeration</i> , 1996 , 19, 107-114	3.8	22
89	Effect of neutral temperature on energy saving of centralized air-conditioning systems in subtropical Hong Kong. <i>Applied Thermal Engineering</i> , 2010 , 30, 1659-1665	5.8	21
88	Exergy and energy analysis of a novel dual-chilling-source refrigerating system applied to temperature and humidity independent control. <i>Energy Conversion and Management</i> , 2019 , 197, 111875	10.6	20
87	Reducing the exposure risk in hospital wards by applying stratum ventilation system. <i>Building and Environment</i> , 2020 , 183, 107204	6.5	20
86	Occupancy-aided ventilation for both airborne infection risk control and work productivity. <i>Building and Environment</i> , 2021 , 188, 107506	6.5	20
85	Validation of CFD Model for Research into Displacement Ventilation. <i>Architectural Science Review</i> , 2005 , 48, 305-316	2.6	19

84	Effect of condensing unit layout at building re-entrant on split-type air-conditioner performance. <i>Energy and Buildings</i> , 2002 , 34, 237-244	7	19
83	An experimental investigation into the pull-down performances with different air distributions. <i>Applied Thermal Engineering</i> , 2015 , 91, 151-162	5.8	18
82	Standard effective temperature based adaptive-rational thermal comfort model. <i>Applied Energy</i> , 2020 , 264, 114723	10.7	18
81	Potential of stratum ventilation to satisfy differentiated comfort requirements in multi-occupied zones. <i>Building and Environment</i> , 2018 , 143, 329-338	6.5	18
80	Effect of door opening on the performance of displacement ventilation in a typical office building. <i>Building and Environment</i> , 2007 , 42, 1335-1347	6.5	18
79	Dilution-based evaluation of airborne infection risk - Thorough expansion of Wells-Riley model. <i>Building and Environment</i> , 2021 , 194, 107674	6.5	18
78	Improved algorithm for adaptive coefficient of adaptive Predicted Mean Vote (aPMV). <i>Building and Environment</i> , 2019 , 163, 106318	6.5	17
77	Numerical comparison of dispersion of human exhaled droplets under different ventilation methods. <i>World Review of Science, Technology and Sustainable Development</i> , 2013 , 10, 142	1	17
76	Validation of a CFD Model for Research into Stratum Ventilation. <i>International Journal of Ventilation</i> , 2006 , 5, 345-363	1.1	17
75	Effect of Air Supply Temperature on the Performance of Displacement Ventilation (Part I) - Thermal Comfort. <i>Indoor and Built Environment</i> , 2005 , 14, 103-115	1.8	17
74	A simple method for prediction of chilling times for objects of two-dimensional irregular shape. <i>International Journal of Refrigeration</i> , 1996 , 19, 95-106	3.8	17
73	Equivalent room air temperature based cooling load estimation method for stratum ventilation and displacement ventilation. <i>Building and Environment</i> , 2019 , 148, 67-81	6.5	17
72	Extending Predicted Mean Vote using adaptive approach. <i>Building and Environment</i> , 2020 , 171, 106665	6.5	16
71	Development of a nodal model for predicting the vertical temperature profile in a stratum-ventilated room. <i>Energy and Buildings</i> , 2018 , 159, 99-108	7	16
70	Heat removal efficiency of stratum ventilation for air-side modulation. <i>Applied Energy</i> , 2019 , 238, 1237-1249	12.9	15
69	Comparison of annual energy performances with different ventilation methods for temperature and humidity control. <i>Energy and Buildings</i> , 2011 , 43, 3599-3608	7	15
68	Investigation of outdoor thermal comfort prediction models in South China: A case study in Guangzhou. <i>Building and Environment</i> , 2021 , 188, 107424	6.5	15
67	Life cycle assessment for three ventilation methods. <i>Building and Environment</i> , 2017 , 116, 73-88	6.5	14

66	Experimental study of the influence of a moving manikin on temperature profile and carbon dioxide distribution under three air distribution methods. <i>Building and Environment</i> , 2015 , 87, 142-153	6.5	14
65	Energy and Exergy Performances of Floor, Ceiling, Wall Radiator and Stratum Ventilation Heating Systems for Residential Buildings. <i>Energy and Buildings</i> , 2020 , 220, 110046	7	13
64	An investigation into the performance of fabric diffusers used in stratum ventilation. <i>Building and Environment</i> , 2014 , 81, 103-111	6.5	12
63	An experimental study of the influence of a walking occupant on three air distribution methods. <i>Building and Environment</i> , 2015 , 85, 211-219	6.5	12
62	Analytical analysis for large-amplitude oscillation of a rotational pendulum system. <i>Applied Mathematics and Computation</i> , 2011 , 217, 6115-6124	2.7	12
61	Predicted Mean Vote with skin temperature from standard effective temperature model. <i>Building and Environment</i> , 2020 , 183, 107133	6.5	12
60	Multi-parameter performance optimization for whole year operation of stratum ventilation in offices. <i>Applied Energy</i> , 2020 , 268, 114966	10.7	11
59	Application potential of solar air-conditioning systems for displacement ventilation. <i>Energy and Buildings</i> , 2011 , 43, 2068-2076	7	11
58	Experimental investigation of thermal comfort with stratum ventilation using a pulsating air supply. <i>Building and Environment</i> , 2019 , 165, 106416	6.5	10
57	Thermodynamic analysis of a novel dual-temperature air-source heat pump combined ejector with zeotropic mixture R1270/R600a. <i>Energy Conversion and Management</i> , 2020 , 220, 113078	10.6	10
56	Multi-indicator evaluation on ventilation effectiveness of three ventilation methods: An experimental study. <i>Building and Environment</i> , 2020 , 180, 107015	6.5	9
55	Optimizing the set generating temperature to improve the designed performance of an ejector cooling system with thermal pumping effect (ECSTPE). <i>Solar Energy</i> , 2017 , 157, 309-320	6.8	9
54	Subzone control optimization of air distribution for thermal comfort and energy efficiency under cooling load uncertainty. <i>Applied Energy</i> , 2019 , 251, 113378	10.7	8
53	Robust evaluation method of thermal deviation of air distribution. <i>Building and Environment</i> , 2019 , 158, 217-225	6.5	8
52	Adaptive-rational thermal comfort model: Adaptive predicted mean vote with variable adaptive coefficient. <i>Indoor Air</i> , 2020 , 30, 1052-1062	5.4	8
51	Flow analysis of condenser cooling air delivery via building light well. <i>Applied Thermal Engineering</i> , 2001 , 21, 831-843	5.8	8
50	Coupled thermal comfort control of thermal condition profile of air distribution and thermal preferences. <i>Building and Environment</i> , 2020 , 177, 106867	6.5	7
49	Fully mixed air model based cooling load estimation method for both stratum ventilation and displacement ventilation. <i>Energy and Buildings</i> , 2019 , 199, 247-263	7	7

48	Applying CFD Simulation in Analysing Split-type Air- conditioner Performance at Buildings. <i>Architectural Science Review</i> , 2000 , 43, 133-140	2.6	7
47	Predicted Mean Vote with skin wettedness from standard effective temperature model. <i>Building and Environment</i> , 2021 , 187, 107412	6.5	7
46	Novel demand-controlled optimization of constant-air-volume mechanical ventilation for indoor air quality, durability and energy saving. <i>Applied Energy</i> , 2021 , 293, 116954	10.7	7
45	Experimental evaluation of ventilated glazing performance in Hong Kong. <i>International Journal of Energy Research</i> , 2009 , 33, 526-537	4.5	6
44	Assessment of alternative ventilation schemes at public transport interchange. <i>Transportation Research, Part D: Transport and Environment</i> , 2006 , 11, 447-458	6.4	6
43	Effects of Headroom on the Performance of the Displacement Ventilation System. <i>Indoor and Built Environment</i> , 2006 , 15, 333-346	1.8	6
42	A computer evaluation of ventilation performance in a negative-pressure operating theater. <i>Anesthesia and Analgesia</i> , 2006 , 103, 913-8	3.9	6
41	Energy performance index of air distribution: Thermal utilization effectiveness. <i>Applied Energy</i> , 2021 , 307, 118122	10.7	6
40	A novel dual-temperature ejector-compression heat pump cycle - exergetic and economic analyses. <i>International Journal of Refrigeration</i> , 2021 , 126, 155-167	3.8	6
39	Systematic comparisons of exit air temperature and wall temperature for modelling non-uniform thermal environment of stratum ventilation. <i>Building and Environment</i> , 2019 , 149, 120-133	6.5	5
38	Extended predicted mean vote of thermal adaptations reinforced around thermal neutrality. <i>Indoor Air</i> , 2021 , 31, 1227	5.4	5
37	Performance of stratum ventilated heating for sleeping environment. <i>Building and Environment</i> , 2020 , 180, 107072	6.5	4
36	A Case Study of the Energy Saving Potential of Stratum Ventilation. <i>International Journal of Ventilation</i> , 2011 , 9, 329-336	1.1	4
35	Effect of Condensing Unit Operation on Kitchen Exhaust at Residential Tower. <i>Architectural Science Review</i> , 2002 , 45, 3-11	2.6	4
34	Performance analysis of a dual temperature heat pump based on ejector-vapor compression cycle. <i>Energy and Buildings</i> , 2021 , 248, 111194	7	4
33	Effect of Ventilation System on Smoke and Fire Spread in a Public Transport Interchange. <i>Fire Technology</i> , 2008 , 44, 463-479	3	3
32	Energy and exergy analyze of different air distributions in a residential building. <i>Energy and Buildings</i> , 2021 , 233, 110694	7	3
31	Dynamic sequential box modelling of inhalation exposure potential in multi-bed patient ward: Validation and baseline case studies. <i>Building and Environment</i> , 2019 , 161, 106241	6.5	2

30	Stratum Ventilation for a Workshop under Elevated Indoor Temperature. <i>International Journal of Ventilation</i> , 2010 , 9, 47-57	1.1	2
29	Direct numerical simulation on the pyrolysis of materials with volatile residue layer. <i>Applied Mathematical Modelling</i> , 2007 , 31, 770-779	4.5	2
28	Infection probability under different air distribution patterns. <i>Building and Environment</i> , 2021 , 207, 108565	5	2
27	Dynamic modelling of air temperature in breathing zone with stratum ventilation using a pulsating air supply. <i>Building and Environment</i> , 2022 , 210, 108697	6.5	2
26	Dilution-based Evaluation of Airborne Infection Risk - Thorough Expansion of Wells-Riley Model		2
25	Performance analysis of a novel dual heat source warm air heating system with ecofriendly refrigerants. <i>Building and Environment</i> , 2021 , 194, 107679	6.5	2
24	4E analyses of novel dual-heat source/sink ejector-compression heat pump system. <i>Building and Environment</i> , 2021 , 196, 107787	6.5	2
23	Experimental Study on Energy Consumption and Hydraulic Stability for Distributed Pumping System. <i>Arabian Journal for Science and Engineering</i> , 2014 , 39, 6883-6894		1
22	Dynamic motion of whirling rods with Coriolis effect. <i>Applied Mathematical Modelling</i> , 2010 , 34, 1203-1216	16	1
21	Complete function collocation method for solving preliminary cable-stayed bridge pretension forces. <i>Bridge Structures</i> , 2008 , 4, 59-74	0.7	1
20	Coughed droplet dispersion pattern in hospital ward under stratum ventilation. <i>Building and Environment</i> , 2022 , 208, 108602	6.5	1
19	Modelling indoor environment indicators using artificial neural network in the stratified environments. <i>Building and Environment</i> , 2021 , 208, 108581	6.5	1
18	Extending effective draft temperature to cover full range of air velocity. <i>Building and Environment</i> , 2022 , 210, 108738	6.5	1
17	Optimization of configurative parameters of stratum ventilated heating for a sleeping environment. <i>Journal of Building Engineering</i> , 2021 , 38, 102167	5.2	1
16	Stratum ventilation as a low-carbon way to thermal comfort and indoor air quality. <i>International Journal of Low-Carbon Technologies</i> , 2016 ,	2.8	1
15	Evaluation of sidewall air supply with the stratified indoor environment in a consultation room. <i>Sustainable Cities and Society</i> , 2021 , 75, 103328	10.1	1
14	Probable cross-corridor transmission of SARS-CoV-2 due to cross airflows and its control.. <i>Building and Environment</i> , 2022 , 218, 109137	6.5	1
13	Experimental Study of Influence of Movements on Airflow Under Stratum Ventilation. <i>Energy Procedia</i> , 2015 , 78, 1207-1211	2.3	0

12	Index of ventilation effectiveness regarding energy performance considering cooling effect of air movement: Equivalent Thermal Utilization Effectiveness. <i>Building and Environment</i> , 2022 , 212, 108809	6.5	o
11	Analyses of yearly performance dual-temperature warm air heating system applied in different climates. <i>Applied Thermal Engineering</i> , 2021 , 194, 117076	5.8	o
10	Performance evaluation of mean radiant temperature calculated from inner surface temperatures of envelope with various emissivities. <i>Building and Environment</i> , 2021 , 206, 108334	6.5	o
9	Contaminant removal and contaminant dispersion of air distribution for overall and local airborne infection risk controls.. <i>Science of the Total Environment</i> , 2022 , 155173	10.2	o
8	Predicting non-uniform indoor air quality distribution by using pulsating air supply and SVM model. <i>Building and Environment</i> , 2022 , 219, 109171	6.5	o
7	An improved algorithm of thermal index models based on ENVI-met. <i>Urban Climate</i> , 2022 , 44, 101190	6.8	o
6	Subzone Control of Air Distribution to Improve Thermal Comfort and Energy Efficiency. <i>E3S Web of Conferences</i> , 2019 , 111, 02008	0.5	
5	Simulation of cross-flow-induced vibration of tube bundle by surface vorticity method. <i>Frontiers of Energy and Power Engineering in China</i> , 2008 , 2, 243-248		
4	Eulerian and Lagrangian formulations of steady rotating annuli. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2008 , 88, 874-887	1	
3	A Partial Differential Model for the Pyrolysis of Materials with Movable Residual Layer. <i>Mechanics of Advanced Materials and Structures</i> , 2005 , 12, 77-83	1.8	
2	ANN Model of a Direct-Fired Absorption Chiller System for Energy Evaluation. <i>International Journal of Modelling and Simulation</i> , 2003 , 23, 52-59	1.5	
1	An Experimental Investigation of Natural Convection in a Cubic Inclined Enclosure With Multiple Isolated Plates. <i>Journal of Heat Transfer</i> , 2000 , 122, 176-179	1.8	