

Zhang Lin

List of Publications by Year in descending order

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175
papers

8,777
citations

36203

51
h-index

53109

85
g-index

179
all docs

179
docs citations

179
times ranked

4642
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.0	822
2	Energy and exergy analysis of photovoltaic-thermal collector with and without glass cover. <i>Applied Energy</i> , 2009, 86, 310-316.	5.1	466
3	Global optimization of absorption chiller system by genetic algorithm and neural network. <i>Energy and Buildings</i> , 2002, 34, 103-109.	3.1	262
4	Comparative study of different solar cooling systems for buildings in subtropical city. <i>Solar Energy</i> , 2010, 84, 227-244.	2.9	209
5	Generation of a typical meteorological year for Hong Kong. <i>Energy Conversion and Management</i> , 2006, 47, 87-96.	4.4	203
6	Innovative solar windows for cooling-demand climate. <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 212-220.	3.0	197
7	Investigation on energy performance of double skin facade in Hong Kong. <i>Energy and Buildings</i> , 2009, 41, 1135-1142.	3.1	167
8	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.	3.0	148
9	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.	5.1	142
10	A review of advanced air distribution methods - theory, practice, limitations and solutions. <i>Energy and Buildings</i> , 2019, 202, 109359.	3.1	138
11	Performance evaluation of a PV ventilated window applying to office building of Hong Kong. <i>Energy and Buildings</i> , 2007, 39, 643-650.	3.1	128
12	Annual performance of building-integrated photovoltaic/water-heating system for warm climate application. <i>Applied Energy</i> , 2009, 86, 689-696.	5.1	119
13	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.	5.1	117
14	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.	3.0	112
15	Investigation into sensitivities of factors in outdoor thermal comfort indices. <i>Building and Environment</i> , 2018, 128, 129-142.	3.0	110
16	Comparison of annual energy performances with different ventilation methods for cooling. <i>Energy and Buildings</i> , 2011, 43, 130-136.	3.1	107
17	Stratum ventilation - A potential solution to elevated indoor temperatures. <i>Building and Environment</i> , 2009, 44, 2256-2269.	3.0	102
18	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.	3.0	100

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19	Evaluation of thermal comfort conditions in a classroom with three ventilation methods. <i>Indoor Air</i> , 2011, 21, 231-239.	2.0	98
20	Optimization of room air temperature in stratum-ventilated rooms for both thermal comfort and energy saving. <i>Applied Energy</i> , 2017, 204, 420-431.	5.1	95
21	Analysis of a solar assisted heat pump system for indoor swimming pool water and space heating. <i>Applied Energy</i> , 2012, 100, 309-317.	5.1	92
22	Thermal characteristics of water-flow double-pane window. <i>International Journal of Thermal Sciences</i> , 2011, 50, 140-148.	2.6	89
23	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.	5.1	89
24	Conversion of operating theatre from positive to negative pressure environment. <i>Journal of Hospital Infection</i> , 2006, 64, 371-378.	1.4	88
25	Advancement of solar desiccant cooling system for building use in subtropical Hong Kong. <i>Energy and Buildings</i> , 2010, 42, 2386-2399.	3.1	87
26	Comparison of performances of displacement and mixing ventilations. Part II: indoor air quality. <i>International Journal of Refrigeration</i> , 2005, 28, 288-305.	1.8	78
27	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.	3.0	78
28	Performance evaluation of district cooling plant with ice storage. <i>Energy</i> , 2006, 31, 2750-2762.	4.5	77
29	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.	4.4	76
30	Effects of operation parameters on performances of stratum ventilation for heating mode. <i>Building and Environment</i> , 2019, 148, 55-66.	3.0	76
31	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, 662-671.	2.0	74
32	Field study on adaptive thermal comfort in typical air conditioned classrooms. <i>Building and Environment</i> , 2018, 133, 73-82.	3.0	74
33	Comparison of gaseous contaminant diffusion under stratum ventilation and under displacement ventilation. <i>Building and Environment</i> , 2010, 45, 2035-2046.	3.0	73
34	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.	5.1	72
35	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.	5.1	70
36	Experimental investigation of thermal and ventilation performances of stratum ventilation. <i>Building and Environment</i> , 2011, 46, 1309-1320.	3.0	70

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37	Effects of temperature and supply airflow rate on thermal comfort in a stratum-ventilated room. Building and Environment, 2015, 92, 269-277.	3.0	69
38	Computer modeling and experimental validation of a building-integrated photovoltaic and water heating system. Applied Thermal Engineering, 2008, 28, 1356-1364.	3.0	67
39	Evaluation of a multi-nodal thermal regulation model for assessment of outdoor thermal comfort: Sensitivity to wind speed and solar radiation. Building and Environment, 2018, 132, 45-56.	3.0	67
40	The function of solar absorbing window as water-heating device. Building and Environment, 2011, 46, 955-960.	3.0	66
41	Performance evaluation and design guidelines for stratum ventilation. Building and Environment, 2011, 46, 2267-2279.	3.0	65
42	A comparative experimental study on the performance of mixing ventilation and stratum ventilation for space heating. Building and Environment, 2019, 157, 34-46.	3.0	64
43	The Integrated Effect of Medical Lamp Position and Diffuser Discharge Velocity on Ultra-clean Ventilation Performance in an Operating Theatre. Indoor and Built Environment, 2006, 15, 315-331.	1.5	63
44	Reducing the exposure risk in hospital wards by applying stratum ventilation system. Building and Environment, 2020, 183, 107204.	3.0	62
45	Experimental investigation into the interaction between the human body and room airflow and its effect on thermal comfort under stratum ventilation. Indoor Air, 2016, 26, 274-285.	2.0	61
46	Dilution-based evaluation of airborne infection risk - Thorough expansion of Wells-Riley model. Building and Environment, 2021, 194, 107674.	3.0	61
47	Solar hybrid air-conditioning system for high temperature cooling in subtropical city. Renewable Energy, 2010, 35, 2439-2451.	4.3	58
48	Evaluation of pedestrian wind comfort near "lift-up" buildings with different aspect ratios and central core modifications. Building and Environment, 2017, 124, 245-257.	3.0	58
49	Investigation into anti-airborne infection performance of stratum ventilation. Building and Environment, 2012, 54, 29-38.	3.0	57
50	An experimental investigation into stratum ventilation for the cooling of an office with asymmetrically distributed heat gains. Building and Environment, 2016, 110, 76-88.	3.0	55
51	Response-surface-model-based system sizing for Nearly/Net zero energy buildings under uncertainty. Applied Energy, 2018, 228, 1020-1031.	5.1	55
52	Investigation into outdoor thermal comfort conditions by different seasonal field surveys in China, Guangzhou. International Journal of Biometeorology, 2019, 63, 1357-1368.	1.3	53
53	Experimental analysis on a novel frost-free air-source heat pump water heater system. Applied Thermal Engineering, 2014, 70, 808-816.	3.0	52
54	Comparison of performances of displacement and mixing ventilations. Part I: thermal comfort. International Journal of Refrigeration, 2005, 28, 276-287.	1.8	49

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55	Uniformity of stratum-ventilated thermal environment and thermal sensation. <i>Indoor Air</i> , 2014, 24, 521-532.	2.0	49
56	Investigation into the thermal comfort of university students conducting outdoor training. <i>Building and Environment</i> , 2019, 149, 26-38.	3.0	49
57	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.	4.4	48
58	Simulation – optimization of solar-assisted desiccant cooling system for subtropical Hong Kong. <i>Applied Thermal Engineering</i> , 2010, 30, 220-228.	3.0	47
59	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.	3.0	47
60	Multi-criteria performance optimization for operation of stratum ventilation under heating mode. <i>Applied Energy</i> , 2019, 239, 969-980.	5.1	46
61	Use of ventilated solar screen window in warm climate. <i>Applied Thermal Engineering</i> , 2006, 26, 1910-1918.	3.0	45
62	Improving predicted mean vote with inversely determined metabolic rate. <i>Sustainable Cities and Society</i> , 2020, 53, 101870.	5.1	44
63	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.	3.0	43
64	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.	3.0	43
65	Some perceptions on typical weather year – from the observations of Hong Kong and Macau. <i>Solar Energy</i> , 2006, 80, 459-467.	2.9	42
66	Subzone control method of stratum ventilation for thermal comfort improvement. <i>Building and Environment</i> , 2019, 149, 39-47.	3.0	42
67	Effective draft temperature for evaluating the performance of stratum ventilation. <i>Building and Environment</i> , 2011, 46, 1843-1850.	3.0	39
68	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.	3.0	39
69	Experimental and numerical study of room airflow under stratum ventilation. <i>Building and Environment</i> , 2011, 46, 235-244.	3.0	38
70	Investigation of outdoor thermal comfort prediction models in South China: A case study in Guangzhou. <i>Building and Environment</i> , 2021, 188, 107424.	3.0	38
71	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.	3.0	36
72	A comparative experimental investigation on radiant floor heating system and stratum ventilation. <i>Sustainable Cities and Society</i> , 2020, 52, 101823.	5.1	36

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73	Occupancy-aided ventilation for both airborne infection risk control and work productivity. <i>Building and Environment</i> , 2021, 188, 107506.	3.0	36
74	Infection probability under different air distribution patterns. <i>Building and Environment</i> , 2022, 207, 108555.	3.0	35
75	Placement of condensing units of split-type air-conditioners at low-rise residences. <i>Applied Thermal Engineering</i> , 2002, 22, 1431-1444.	3.0	34
76	Modeling non-uniform thermal environment of stratum ventilation with supply and exit air conditions. <i>Building and Environment</i> , 2018, 144, 542-554.	3.0	34
77	Effect of building re-entrant shape on performance of air-cooled condensing units. <i>Energy and Buildings</i> , 2000, 32, 143-152.	3.1	33
78	Heat removal efficiency based multi-node model for both stratum ventilation and displacement ventilation. <i>Building and Environment</i> , 2018, 143, 24-35.	3.0	33
79	Pedestrian-level wind conditions in the space underneath lift-up buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 179, 58-69.	1.7	33
80	Standard effective temperature based adaptive-rational thermal comfort model. <i>Applied Energy</i> , 2020, 264, 114723.	5.1	33
81	A novel dual-temperature ejector-compression heat pump cycle - exergetic and economic analyses. <i>International Journal of Refrigeration</i> , 2021, 126, 155-167.	1.8	33
82	Prediction of on-coil temperature of condensers installed at tall building re-entrant. <i>Applied Thermal Engineering</i> , 1999, 19, 117-132.	3.0	32
83	Cooling load calculation methods in spaces with stratified air: A brief review and numerical investigation. <i>Energy and Buildings</i> , 2018, 165, 47-55.	3.1	32
84	Predicted Mean Vote with skin temperature from standard effective temperature model. <i>Building and Environment</i> , 2020, 183, 107133.	3.0	32
85	CFD analysis of ventilation effectiveness in a public transport interchange. <i>Building and Environment</i> , 2006, 41, 254-261.	3.0	31
86	Investigation on effect of indoor air distribution strategy on solar air-conditioning systems. <i>Renewable Energy</i> , 2019, 131, 413-421.	4.3	31
87	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.	5.1	31
88	Energy performance index of air distribution: Thermal utilization effectiveness. <i>Applied Energy</i> , 2022, 307, 118122.	5.1	31
89	Technical feasibility of a stratum-ventilated room for multiple rows of occupants. <i>Building and Environment</i> , 2015, 94, 580-592.	3.0	29
90	Potential of stratum ventilation to satisfy differentiated comfort requirements in multi-occupied zones. <i>Building and Environment</i> , 2018, 143, 329-338.	3.0	28

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91	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.	4.4	28
92	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.	3.0	27
93	A simple method for prediction of chilling times: extension to three-dimensional irregular shapes. <i>International Journal of Refrigeration</i> , 1996, 19, 107-114.	1.8	26
94	Hong Kong solar radiation on building facades evaluated by numerical models. <i>Applied Thermal Engineering</i> , 2005, 25, 1908-1921.	3.0	26
95	Heat removal efficiency of stratum ventilation for air-side modulation. <i>Applied Energy</i> , 2019, 238, 1237-1249.	5.1	26
96	Extending Predicted Mean Vote using adaptive approach. <i>Building and Environment</i> , 2020, 171, 106665.	3.0	26
97	Validation of CFD Model for Research into Displacement Ventilation. <i>Architectural Science Review</i> , 2005, 48, 305-316.	1.1	25
98	Coughed droplet dispersion pattern in hospital ward under stratum ventilation. <i>Building and Environment</i> , 2022, 208, 108602.	3.0	25
99	Effect of door opening on the performance of displacement ventilation in a typical office building. <i>Building and Environment</i> , 2007, 42, 1335-1347.	3.0	24
100	Numerical study of Indoor Air Quality and thermal comfort under stratum ventilation. <i>Progress in Computational Fluid Dynamics</i> , 2008, 8, 541.	0.1	24
101	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.	4.4	24
102	Improved algorithm for adaptive coefficient of adaptive Predicted Mean Vote (aPMV). <i>Building and Environment</i> , 2019, 163, 106318.	3.0	24
103	Multi-indicator evaluation on ventilation effectiveness of three ventilation methods: An experimental study. <i>Building and Environment</i> , 2020, 180, 107015.	3.0	24
104	Effect of condensing unit layout at building re-entrant on split-type air-conditioner performance. <i>Energy and Buildings</i> , 2002, 34, 237-244.	3.1	23
105	Validation of a CFD Model for Research into Stratum Ventilation. <i>International Journal of Ventilation</i> , 2006, 5, 345-363.	0.2	23
106	Year-round energy saving potential of stratum ventilated classrooms with temperature and humidity control. <i>HVAC and R Research</i> , 2013, 19, 986-991.	0.9	23
107	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.	0.3	23
108	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.	3.0	23

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109	Predicted Mean Vote with skin wettedness from standard effective temperature model. Building and Environment, 2021, 187, 107412.	3.0	23
110	Performance analysis of a dual temperature heat pump based on ejector-vapor compression cycle. Energy and Buildings, 2021, 248, 111194.	3.1	23
111	Effect of neutral temperature on energy saving of centralized air-conditioning systems in subtropical Hong Kong. Applied Thermal Engineering, 2010, 30, 1659-1665.	3.0	22
112	An experimental study of the influence of a walking occupant on three air distribution methods. Building and Environment, 2015, 85, 211-219.	3.0	22
113	Effect of Air Supply Temperature on the Performance of Displacement Ventilation (Part I) - Thermal Comfort. Indoor and Built Environment, 2005, 14, 103-115.	1.5	21
114	An experimental investigation into the pull-down performances with different air distributions. Applied Thermal Engineering, 2015, 91, 151-162.	3.0	21
115	Life cycle assessment for three ventilation methods. Building and Environment, 2017, 116, 73-88.	3.0	21
116	Coupled thermal comfort control of thermal condition profile of air distribution and thermal preferences. Building and Environment, 2020, 177, 106867.	3.0	21
117	Energy and Exergy Performances of Floor, Ceiling, Wall Radiator and Stratum Ventilation Heating Systems for Residential Buildings. Energy and Buildings, 2020, 220, 110046.	3.1	21
118	Equivalent room air temperature based cooling load estimation method for stratum ventilation and displacement ventilation. Building and Environment, 2019, 148, 67-81.	3.0	20
119	Multi-parameter performance optimization for whole year operation of stratum ventilation in offices. Applied Energy, 2020, 268, 114966.	5.1	20
120	A simple method for prediction of chilling times for objects of two-dimensional irregular shape. International Journal of Refrigeration, 1996, 19, 95-106.	1.8	19
121	Development of a nodal model for predicting the vertical temperature profile in a stratum-ventilated room. Energy and Buildings, 2018, 159, 99-108.	3.1	19
122	Experimental investigation of thermal comfort with stratum ventilation using a pulsating air supply. Building and Environment, 2019, 165, 106416.	3.0	19
123	Adaptive-rational thermal comfort model: Adaptive predicted mean vote with variable adaptive coefficient. Indoor Air, 2020, 30, 1052-1062.	2.0	19
124	Analytical analysis for large-amplitude oscillation of a rotational pendulum system. Applied Mathematics and Computation, 2011, 217, 6115-6124.	1.4	18
125	Modelling indoor environment indicators using artificial neural network in the stratified environments. Building and Environment, 2022, 208, 108581.	3.0	17
126	Comparison of annual energy performances with different ventilation methods for temperature and humidity control. Energy and Buildings, 2011, 43, 3599-3608.	3.1	16

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127	Application potential of solar air-conditioning systems for displacement ventilation. Energy and Buildings, 2011, 43, 2068-2076.	3.1	14
128	Evaluation of sidewall air supply with the stratified indoor environment in a consultation room. Sustainable Cities and Society, 2021, 75, 103328.	5.1	14
129	An investigation into the performance of fabric diffusers used in stratum ventilation. Building and Environment, 2014, 81, 103-111.	3.0	13
130	Energy and exergy analyze of different air distributions in a residential building. Energy and Buildings, 2021, 233, 110694.	3.1	13
131	Contaminant removal and contaminant dispersion of air distribution for overall and local airborne infection risk controls. Science of the Total Environment, 2022, 833, 155173.	3.9	13
132	Optimizing the set generating temperature to improve the designed performance of an ejector cooling system with thermal pumping effect (ECSTPE). Solar Energy, 2017, 157, 309-320.	2.9	12
133	Performance of stratum ventilated heating for sleeping environment. Building and Environment, 2020, 180, 107072.	3.0	12
134	4E analyses of novel dual-heat source/sink ejector-compression heat pump system. Building and Environment, 2021, 196, 107787.	3.0	12
135	Extending effective draft temperature to cover full range of air velocity. Building and Environment, 2022, 210, 108738.	3.0	12
136	Fully mixed air model based cooling load estimation method for both stratum ventilation and displacement ventilation. Energy and Buildings, 2019, 199, 247-263.	3.1	11
137	Subzone control optimization of air distribution for thermal comfort and energy efficiency under cooling load uncertainty. Applied Energy, 2019, 251, 113378.	5.1	11
138	Probable cross-corridor transmission of SARS-CoV-2 due to cross airflows and its control. Building and Environment, 2022, 218, 109137.	3.0	11
139	Predicting non-uniform indoor air quality distribution by using pulsating air supply and SVM model. Building and Environment, 2022, 219, 109171.	3.0	11
140	An improved algorithm of thermal index models based on ENVI-met. Urban Climate, 2022, 44, 101190.	2.4	11
141	Performance analysis of a novel dual heat source warm air heating system with ecofriendly refrigerants. Building and Environment, 2021, 194, 107679.	3.0	10
142	Flow analysis of condenser cooling air delivery via building light well. Applied Thermal Engineering, 2001, 21, 831-843.	3.0	9
143	Robust evaluation method of thermal deviation of air distribution. Building and Environment, 2019, 158, 217-225.	3.0	9
144	Stratum-air-distributed radiant-convective room air conditioner for heating. Energy and Buildings, 2022, 271, 112311.	3.1	9

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145	A Computer Evaluation of Ventilation Performance in a Negative-Pressure Operating Theater. <i>Anesthesia and Analgesia</i> , 2006, 103, 913-918.	1.1	8
146	Assessment of alternative ventilation schemes at public transport interchange. <i>Transportation Research, Part D: Transport and Environment</i> , 2006, 11, 447-458.	3.2	8
147	Experimental evaluation of ventilated glazing performance in Hong Kong. <i>International Journal of Energy Research</i> , 2009, 33, 526-537.	2.2	8
148	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.	3.0	8
149	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.	3.0	8
150	Applying CFD Simulation in Analysing Split-type Air-conditioner Performance at Buildings. <i>Architectural Science Review</i> , 2000, 43, 133-140.	1.1	7
151	A Case Study of the Energy Saving Potential of Stratum Ventilation. <i>International Journal of Ventilation</i> , 2011, 9, 329-336.	0.2	7
152	Extended predicted mean vote of thermal adaptations reinforced around thermal neutrality. <i>Indoor Air</i> , 2021, 31, 1227-1227.	2.0	7
153	Dynamic modelling of air temperature in breathing zone with stratum ventilation using a pulsating air supply. <i>Building and Environment</i> , 2022, 210, 108697.	3.0	7
154	Effects of Headroom on the Performance of the Displacement Ventilation System. <i>Indoor and Built Environment</i> , 2006, 15, 333-346.	1.5	6
155	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.	3.0	5
156	Analyses of yearly performance dual-temperature warm air heating system applied in different climates. <i>Applied Thermal Engineering</i> , 2021, 194, 117076.	3.0	5
157	Effect of Condensing Unit Operation on Kitchen Exhaust at Residential Tower. <i>Architectural Science Review</i> , 2002, 45, 3-11.	1.1	4
158	Zonal model for predicting contaminant distribution in stratum ventilated rooms. <i>Indoor Air</i> , 2022, 32, .	2.0	4
159	Effect of Ventilation System on Smoke and Fire Spread in a Public Transport Interchange. <i>Fire Technology</i> , 2008, 44, 463-479.	1.5	3
160	Stratum ventilation "a low-carbon way to thermal comfort and indoor air quality. <i>International Journal of Low-Carbon Technologies</i> , 2016, , .	1.2	3
161	Performance evaluation of mean radiant temperature calculated from inner surface temperatures of envelope with various emissivities. <i>Building and Environment</i> , 2021, 206, 108334.	3.0	3
162	Direct numerical simulation on the pyrolysis of materials with volatile residue layer. <i>Applied Mathematical Modelling</i> , 2007, 31, 770-779.	2.2	2

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163	Complete function collocation method for solving preliminary cable-stayed bridge pretension forces. Bridge Structures, 2008, 4, 59-74.	0.2	2
164	Stratum Ventilation for a Workshop under Elevated Indoor Temperature. International Journal of Ventilation, 2010, 9, 47-57.	0.2	2
165	Dynamic motion of whirling rods with Coriolis effect. Applied Mathematical Modelling, 2010, 34, 1203-1216.	2.2	2
166	Experimental Study on Energy Consumption and Hydraulic Stability for Distributed Pumping System. Arabian Journal for Science and Engineering, 2014, 39, 6883-6894.	1.1	2
167	Experimental Study of Influence of Movements on Airflow Under Stratum Ventilation. Energy Procedia, 2015, 78, 1207-1211.	1.8	2
168	Optimization of configurative parameters of stratum ventilated heating for a sleeping environment. Journal of Building Engineering, 2021, 38, 102167.	1.6	2
169	ANN Model of a Direct-Fired Absorption Chiller System for Energy Evaluation. International Journal of Modelling and Simulation, 2003, 23, 52-59.	2.3	0
170	A Partial Differential Model for the Pyrolysis of Materials with Movable Residual Layer. Mechanics of Advanced Materials and Structures, 2005, 12, 77-83.	1.5	0
171	Simulation of cross-flow-induced vibration of tube bundle by surface vorticity method. Frontiers of Energy and Power Engineering in China, 2008, 2, 243-248.	0.4	0
172	Eulerian and Lagrangian formulations of steady rotating annuli. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2008, 88, 874-887.	0.9	0
173	Simulation of Cable-stayed Bridge Pretension Forces by Complete Function Collocation Method with Cell Partition. , 2010, , .		0
174	Subzone Control of Air Distribution to Improve Thermal Comfort and Energy Efficiency. E3S Web of Conferences, 2019, 111, 02008.	0.2	0
175	An Experimental Investigation of Natural Convection in a Cubic Inclined Enclosure With Multiple Isolated Plates. Journal of Heat Transfer, 2000, 122, 176-179.	1.2	0