

Enshen Long

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

888
citations

471061

17
h-index

525886

27
g-index

63
all docs

63
docs citations

63
times ranked

731
citing authors

#	ARTICLE	IF	CITATIONS
1	Decay characteristics of aerosolized viruses in the air and control strategy of thermal and humid environment for epidemic prevention. <i>Indoor and Built Environment</i> , 2022, 31, 1287-1305.	1.5	6
2	Experimental and simulated optimization study on dynamic heat discharge performance of multi-units water tank with PCM. <i>Indoor and Built Environment</i> , 2021, 30, 1531-1545.	1.5	11
3	Typical effects of occupants'™ behaviour on indoor air-conditioned environments in the hot summer and cold winter region of China. <i>Indoor and Built Environment</i> , 2021, 30, 606-620.	1.5	9
4	Energy-saving potential of intermittent heating system: Influence of composite phase change wall and optimization strategy. <i>Energy Exploration and Exploitation</i> , 2021, 39, 426-443.	1.1	7
5	COVID-19 epidemic prediction and the impact of public health interventions: A review of COVID-19 epidemic models. <i>Infectious Disease Modelling</i> , 2021, 6, 324-342.	1.2	67
6	Study on the decay characteristics and transmission risk of respiratory viruses on the surface of objects. <i>Environmental Research</i> , 2021, 194, 110716.	3.7	11
7	Experimental and CFD simulation study on anaerobic digestion using dextran pharmaceutical wastewater based on cyclic fluidization hydraulic mixing. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13656.	1.3	3
8	Estimation of the SARS-CoV-2 transmission probability in confined traffic space and evaluation of the mitigation strategies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42204-42216.	2.7	16
9	Analysis on the risk of respiratory virus transmission by air conditioning system operation based on experimental evidence. <i>Environmental Science and Pollution Research</i> , 2021, 28, 56376-56391.	2.7	3
10	Experimental and simulation study on the surface contact between biogas fermentation liquid and straw material based on hydraulic mixing. <i>Energy</i> , 2021, 222, 119992.	4.5	6
11	Transmission risk of viruses in large mucosal droplets on the surface of objects: A time-based analysis. <i>Infectious Diseases Now</i> , 2021, 51, 219-227.	0.7	9
12	Evaluation of infection risk for SARS-CoV-2 transmission on university campuses. <i>Science and Technology for the Built Environment</i> , 2021, 27, 1165-1180.	0.8	10
13	Systematic review of the effects of environmental factors on virus inactivation: implications for coronavirus disease 2019. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2865-2878.	1.8	16
14	Impact of Occupant Behavior on Thermal Performance of the Typical-Composite Walls of a Building. <i>Journal of Energy Engineering - ASCE</i> , 2021, 147, 04021039.	1.0	4
15	A new approach to determine the optimum tilt angle and orientation of solar collectors in mountainous areas with high altitude. <i>Energy</i> , 2021, 237, 121507.	4.5	20
16	Why does the spread of COVID-19 vary greatly in different countries? Revealing the efficacy of face masks in epidemic prevention. <i>Epidemiology and Infection</i> , 2021, 149, e24.	1.0	18
17	Experimental Study on the Combined Heating of Phase-Change Water Tank and Different Terminal Cooling Equipment. <i>Journal of Physics: Conference Series</i> , 2021, 2087, 012036.	0.3	0
18	Characteristics optimization of composite phase-change wall during intermittent heating process. <i>Science and Technology for the Built Environment</i> , 2020, 26, 541-551.	0.8	7

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19	Study on heating capacity and heat loss of capillary radiant floor heating systems. Applied Thermal Engineering, 2020, 165, 114618.	3.0	24
20	An frequency domain analysis method of thermal parameters unsteady-state detection of building wall. Journal of Asian Architecture and Building Engineering, 2020, , 1-11.	1.2	0
21	Operation strategy of cross-season solar heat storage heating system in an alpine high-altitude area. Indoor and Built Environment, 2020, 29, 1249-1259.	1.5	7
22	Study on the limiting height of rooftop solar energy equipment in street canyons under the cityscape constraints. Solar Energy, 2020, 206, 1-7.	2.9	5
23	Optimization on non-transparent envelopes of the typical office rooms with air-conditioning under intermittent operation. Solar Energy, 2020, 201, 798-809.	2.9	16
24	Experimental study on the dynamic thermal performance of V-Ti black ceramic solar collector under multiple factors. Solar Energy, 2020, 201, 615-620.	2.9	5
25	Experimental Study on Albedo of Solar Radiation in Different Underlying Surfaces in Western Sichuan Plateau. Environmental Science and Engineering, 2020, , 1409-1417.	0.1	0
26	Study on the Degree and Mechanism of Solar Shading Impacts from Rooftop Structures in the Solar Collector Layout Area. Environmental Science and Engineering, 2020, , 1389-1399.	0.1	0
27	Thermal Model for Building External Wall under Low Atmospheric Pressure and High Solar Radiation Conditions in Plateau Area. Environmental Science and Engineering, 2020, , 939-947.	0.1	0
28	Climatic Cooling Potential Evaluation and Ventilation Strategies Optimization for City Buildings in China. , 2019, , .		1
29	Energy saving effect and mechanism of cooling setting temperature increased by 1°C for residential buildings in different cities. Energy and Buildings, 2019, 202, 109335.	3.1	14
30	Experimental Study on Dynamic Heat Release Performance of Water Tank with Phase Change Materials. Energy Procedia, 2019, 158, 5006-5013.	1.8	6
31	Performance comparisons of two flat-plate photovoltaic thermal collectors with different channel configurations. Energy, 2019, 175, 300-308.	4.5	31
32	Field measurement and influence mechanism analysis of the albedo for a typical urban concrete surface. Indoor and Built Environment, 2019, 28, 837-847.	1.5	4
33	Heat storage and release characteristics of composite phase change wall under different intermittent heating conditions. Science and Technology for the Built Environment, 2019, 25, 336-345.	0.8	18
34	The dynamic thermal process of indoor environment and building envelope during intermittent heating. Indoor and Built Environment, 2019, 28, 422-433.	1.5	11
35	Experimental study on thermal performance improvement of building envelopes by integrating with phase change material in an intermittently heated room. Sustainable Cities and Society, 2018, 38, 607-615.	5.1	39
36	Comparative analysis on thermal performance of different wall insulation forms under the air-conditioning intermittent operation in summer. Applied Thermal Engineering, 2018, 130, 429-438.	3.0	43

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37	A review on CFD simulating method for biogas fermentation material fluid. Renewable and Sustainable Energy Reviews, 2018, 97, 64-73.	8.2	22
38	Effect of retro-reflective materials on temperature environment in tents. Case Studies in Thermal Engineering, 2017, 9, 122-127.	2.8	19
39	Effect of the thermal insulation layer location on wall dynamic thermal response rate under the air-conditioning intermittent operation. Case Studies in Thermal Engineering, 2017, 10, 79-85.	2.8	27
40	A new simple method to measure wall thermal transmittance in situ and its adaptability analysis. Applied Thermal Engineering, 2017, 122, 747-757.	3.0	49
41	Solar radiation reflective coating material on building envelopes: Heat transfer analysis and cooling energy saving. Energy Exploration and Exploitation, 2017, 35, 748-766.	1.1	29
42	An alternative general method to evaluate the atmospheric down-welling radiation. Building Services Engineering Research and Technology, 2017, 38, 133-150.	0.9	1
43	Research on thermal performance improvement of lightweight buildings by integrating with phase change material under different climate conditions. Science and Technology for the Built Environment, 2017, 23, 285-295.	0.8	9
44	Experimental Study on Thermal Performance Improvement of Building Envelopes Integrated with Phase Change Materials in an Air-conditioned Room. Procedia Engineering, 2017, 205, 190-197.	1.2	11
45	Experimental Study on Dynamic Thermal Environment of Capillary Radiant Floor Heating Room with Finite Heat Source. Procedia Engineering, 2017, 205, 3011-3018.	1.2	7
46	Experimental Study on Thermal Energy Storage Performance of Water Tank with Phase Change Materials in Solar Heating System. Procedia Engineering, 2017, 205, 3027-3034.	1.2	14
47	Effect of retro-reflective materials on building indoor temperature conditions and heat flow analysis for walls. Energy and Buildings, 2016, 127, 488-498.	3.1	22
48	Comparative Study of In-situ Test and Laboratory Test on Material Reflectivity. Procedia Engineering, 2015, 121, 1932-1938.	1.2	0
49	Survey Research on Living Environment and Energy Consumption in the West Rural Areas of China. Procedia Engineering, 2015, 121, 1044-1050.	1.2	9
50	Factors affecting the in situ measurement accuracy of the wall heat transfer coefficient using the heat flow meter method. Energy and Buildings, 2015, 86, 754-765.	3.1	95
51	Feasibility experiment on the simple hot box-heat flow meter method and the optimization based on simulation reproduction. Applied Thermal Engineering, 2015, 83, 48-56.	3.0	48
52	Dynamic thermal reaction analysis of wall structures in various cooling operation conditions. Energy Conversion and Management, 2015, 105, 872-879.	4.4	9
53	Impact of Optimized Flow Pattern on Pollutant Removal and Biogas Production Rate Using Wastewater Anaerobic Fermentation. BioResources, 2015, 10, .	0.5	13
54	Performance of a Novel Downward Plug-Flow Anaerobic Digester for Methane Production from Chopped Straw. BioResources, 2014, 10, .	0.5	4

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55	Characteristics of human bioeffluents "common core" quantity varying with occupant density in indoor respiratory region. HVAC and R Research, 2014, 20, 188-193.	0.9	3
56	Influence of user behavior on unsatisfactory indoor thermal environment. Energy Conversion and Management, 2014, 86, 1-7.	4.4	18
57	Ultrathin envelope thermal performance improvement of prefab house by integrating with phase change material. Energy and Buildings, 2013, 67, 210-216.	3.1	31
58	Green buildings vs health houses: Thinking about development of domestic residence industry. , 2011, , .		0
59	Key technologies of green building design and their software simulation. , 2010, , .		0
60	Mechanism and influence of different colors of opaque outdoor surfaces on cooling demand of malls. Journal of Asian Architecture and Building Engineering, 0, , 1-19.	1.2	0