

Chong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

509
citations

758635

12
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676716

22
g-index

29
all docs

29
docs citations

29
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation study of a dual-cavity window with gravity-driven cooling mechanism. <i>Building Simulation</i> , 2022, 15, 1339-1352.	3.0	5
2	GEIN: An interpretable benchmarking framework towards all building types based on machine learning. <i>Energy and Buildings</i> , 2022, 260, 111909.	3.1	22
3	Utilization of Window System as Exhaust Air Heat Recovery Device and Its Energy Performance Evaluation: A Comparative Study. <i>Energies</i> , 2022, 15, 3116.	1.6	2
4	Condensation risk of exhaust air heat recovery window system: Assessment, key parameters, and prevention measure. <i>Case Studies in Thermal Engineering</i> , 2021, 24, 100830.	2.8	5
5	Energy consumption characteristics and adaptive electricity pricing strategies for college dormitories based on historical monitored data. <i>Energy and Buildings</i> , 2021, 245, 111041.	3.1	10
6	Attention-based interpretable neural network for building cooling load prediction. <i>Applied Energy</i> , 2021, 299, 117238.	5.1	92
7	Determining the critical insulation thickness of breathing wall: Analytical model, key parameters, and design. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101326.	2.8	7
8	Design optimization of multi-functional building envelope for thermal insulation and exhaust air heat recovery in different climates. <i>Journal of Building Engineering</i> , 2021, 43, 103151.	1.6	9
9	Frequency thermal characteristic and parametric study of multi-functional building envelope for coolth recovery and thermal insulation: Modelling and experimental validation. <i>Energy and Buildings</i> , 2021, 253, 111541.	3.1	4
10	A control strategy for distributed energy system considering the state of thermal energy storage. <i>Sustainable Cities and Society</i> , 2020, 63, 102492.	5.1	14
11	Utilization of Earth-to-Air Heat Exchanger to Pre-Cool/Heat Ventilation Air and Its Annual Energy Performance Evaluation: A Case Study. <i>Sustainability</i> , 2020, 12, 8330.	1.6	9
12	Performance analysis of thermal energy storage in distributed energy system under different load profiles. <i>Energy Conversion and Management</i> , 2020, 208, 112596.	4.4	28
13	Development and Experimental Validation of a Finite-Difference Frequency-Domain Model for the Exhaust Air Insulation Wall. <i>Environmental Science and Engineering</i> , 2020, , 1493-1501.	0.1	0
14	Dynamic thermal performance and parametric analysis of a heat recovery building envelope based on air-permeable porous materials. <i>Energy</i> , 2019, 189, 116361.	4.5	25
15	A NILM method for cooling load disaggregation based on artificial neural network. <i>E3S Web of Conferences</i> , 2019, 111, 05020.	0.2	1
16	Numerical and experimental study on the thermal performance improvement of a triple glazed window by utilizing low-grade exhaust air. <i>Energy</i> , 2019, 167, 1132-1143.	4.5	30
17	A review of renewable energy assessment methods in green building and green neighborhood rating systems. <i>Energy and Buildings</i> , 2019, 195, 68-81.	3.1	61
18	Study on the performance of distributed energy systems based on historical loads considering parameter uncertainties for decision making. <i>Energy</i> , 2019, 176, 778-791.	4.5	10

#	ARTICLE	IF	CITATIONS
19	Modelling, experimental test, and design of an active air permeable wall by utilizing the low-grade exhaust air. <i>Applied Energy</i> , 2019, 240, 730-743.	5.1	16
20	Energy performance and operation characteristics of distributed energy systems with district cooling systems in subtropical areas under different control strategies. <i>Energy</i> , 2018, 153, 849-860.	4.5	29
21	Promotion of distributed energy systems integrated with district cooling systems considering uncertainties in energy market and policy in China. <i>Energy Procedia</i> , 2018, 149, 256-265.	1.8	6
22	Experimental investigation and dynamic modeling of a triple-glazed exhaust air window with built-in venetian blinds in the cooling season. <i>Applied Thermal Engineering</i> , 2018, 140, 73-85.	3.0	28
23	Mechanism and preliminary performance analysis of exhaust air insulation for building envelope wall. <i>Energy and Buildings</i> , 2018, 173, 516-529.	3.1	26
24	Energy Performance of Triple Glazed Window with Built-in Venetian Blinds by Utilizing Forced Ventilated airflow. <i>Procedia Engineering</i> , 2017, 205, 3993-4000.	1.2	6
25	Numerical Evaluation of Heat Recovery Performance of a Switchable Exhaust Air Window. <i>Energy Procedia</i> , 2016, 88, 738-741.	1.8	6
26	Modeling and thermal performance evaluation of a switchable triple glazing exhaust air window. <i>Applied Thermal Engineering</i> , 2016, 92, 8-17.	3.0	35
27	Impacts of electric vehicles on the transient voltage stability of distribution network and the study of improvement measures. , 2014, , .		18
28	Research on the optimization of water-cooling control in high-speed steel rolling system based on Bayesian network. , 2011, , .		0
29	Quantification of model uncertainty of water source heat pump and impacts on energy performance. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 238, 012067.	0.2	5