

Jing Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

839
citations

516561

16
h-index

477173

29
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34
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid method of dynamic cooling and heating load forecasting for office buildings based on artificial intelligence and regression analysis. <i>Energy and Buildings</i> , 2018, 174, 293-308.	3.1	98
2	Tunable Nanochannels along Graphene Oxide/Polymer Core-Shell Nanosheets to Enhance Proton Conductivity. <i>Advanced Functional Materials</i> , 2015, 25, 7502-7511.	7.8	97
3	Multi-objective optimization design for windows and shading configuration considering energy consumption and thermal comfort: A case study for office building in different climatic regions of China. <i>Solar Energy</i> , 2020, 206, 997-1017.	2.9	97
4	Energy consumption quota of public buildings based on statistical analysis. <i>Energy Policy</i> , 2012, 43, 362-370.	4.2	49
5	A highly proton-conducting, methanol-blocking Nafion composite membrane enabled by surface-coating crosslinked sulfonated graphene oxide. <i>Chemical Communications</i> , 2016, 52, 2173-2176.	2.2	49
6	Optimum combinations of building envelop energy-saving technologies for office buildings in different climatic regions of China. <i>Energy and Buildings</i> , 2013, 57, 103-109.	3.1	40
7	Check and evaluation system on heat metering and energy efficiency retrofit of existing residential buildings in northern heating areas of china based on multi-index comprehensive evaluation method. <i>Energy Policy</i> , 2009, 37, 2124-2130.	4.2	38
8	Thermal equilibrium research of solar seasonal storage system coupling with ground-source heat pump. <i>Energy</i> , 2016, 99, 83-90.	4.5	38
9	Energy saving effect prediction and post evaluation of air-conditioning system in public buildings. <i>Energy and Buildings</i> , 2011, 43, 3243-3249.	3.1	30
10	Analysis and optimization of carbon trading mechanism for renewable energy application in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 435-451.	8.2	30
11	Analysis and proposal of implementation effects of heat metering and energy efficiency retrofit of existing residential buildings in northern heating areas of China in the 11th Five-Year Plan period. <i>Energy Policy</i> , 2012, 45, 521-528.	4.2	29
12	Uncertainty Analysis of Weather Forecast Data for Cooling Load Forecasting Based on the Monte Carlo Method. <i>Energies</i> , 2018, 11, 1900.	1.6	27
13	Energy consumption comparison analysis of high energy efficiency office buildings in typical climate zones of China and U.S. based on correction model. <i>Energy</i> , 2014, 65, 221-232.	4.5	26
14	Study on the policy of replacing coal-fired boilers with gas-fired boilers for central heating based on the 3E system and the TOPSIS method: A case in Tianjin, China. <i>Energy</i> , 2019, 189, 116206.	4.5	26
15	Implementing effect of energy efficiency supervision system for government office buildings and large-scale public buildings in China. <i>Energy Policy</i> , 2009, 37, 2079-2086.	4.2	23
16	Suitability assessment of building energy saving technologies for office buildings in cold areas of China based on an assessment framework. <i>Energy Conversion and Management</i> , 2015, 103, 650-664.	4.4	19
17	Optimization of Passive Envelop Energy Efficient Measures for Office Buildings in Different Climate Regions of China Based on Modified Sensitivity Analysis. <i>Sustainability</i> , 2018, 10, 907.	1.6	16
18	The effect of specific adsorption of halide ions on electrochemical CO ₂ reduction. <i>Chemical Science</i> , 2022, 13, 8117-8123.	3.7	14

#	ARTICLE	IF	CITATIONS
19	Fabrication of Chitosan Membranes with High Flux by Magnetic Alignment of In Situ Generated Fe ₃ O ₄ . Chemical Engineering and Technology, 2016, 39, 969-978.	0.9	10
20	Negative refraction in twisted hyperbolic metasurfaces. Nanophotonics, 2022, 11, 1977-1987.	2.9	10
21	Multi-regional building energy efficiency intelligent regulation strategy based on multi-objective optimization and model predictive control. Journal of Cleaner Production, 2022, 349, 131264.	4.6	10
22	A Study on Energy-Saving Technologies Optimization towards Nearly Zero Energy Educational Buildings in Four Major Climatic Regions of China. Energies, 2019, 12, 4734.	1.6	9
23	Method of checking and certifying carbon trading volume of existing buildings retrofits in China. Energy Policy, 2013, 61, 1178-1187.	4.2	8
24	An Influencing Parameters Analysis of District Heating Network Time Delays Based on the CFD Method. Energies, 2019, 12, 1297.	1.6	6
25	SrO-layer insertion in Ruddlesden-Popper Sn-based perovskite enables efficient CO ₂ electroreduction towards formate. Chemical Science, 2022, 13, 8829-8833.	3.7	6
26	The thermodynamic behavior and morphology of PP/POE blends prepared by melt- and solution-mixing methods. Journal of Materials Science, 2009, 44, 2171-2175.	1.7	5
27	Energy efficiency performance of multi-energy district heating and hot water supply system. Journal of Central South University, 2012, 19, 1377-1382.	1.2	5
28	Multi-channel lung sounds intelligent diagnosis of chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2021, 21, 321.	0.8	5
29	Analysis of energy saving optimization of campus buildings based on energy simulation. Frontiers in Energy, 2013, 7, 388-398.	1.2	3
30	Research on the Indoor Thermal Environment of Attached Sunspace Passive Solar Heating System Based on Zero-State Response Control Strategy. Applied Sciences (Switzerland), 2022, 12, 855.	1.3	3
31	Local thermal comfort-based optimal design of attached sunspace with breathing window for farmhouses in North China. Building and Environment, 2022, 219, 109251.	3.0	3
32	Adding Choquet integral to case-based reasoning with incomplete data. , 2010, , .		1
33	Active Polarization Converter Based on VO ₂ -Metal Hybrid Metasurfaces at Terahertz Frequencies. , 2021, , .		0