

# Jing Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

839  
citations

516710

16  
h-index

477307

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

945  
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative refraction in twisted hyperbolic metasurfaces. Nanophotonics, 2022, 11, 1977-1987.	6.0	10
2	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.	2.5	3
3	Multi-regional building energy efficiency intelligent regulation strategy based on multi-objective optimization and model predictive control. Journal of Cleaner Production, 2022, 349, 131264.	9.3	10
4	Local thermal comfort-based optimal design of attached sunspace with breathing window for farmhouses in North China. Building and Environment, 2022, 219, 109251.	6.9	3
5	The effect of specific adsorption of halide ions on electrochemical CO <sub>2</sub> reduction. Chemical Science, 2022, 13, 8117-8123.	7.4	14
6	SrO-layer insertion in Ruddlesden-Popper Sn-based perovskite enables efficient CO <sub>2</sub> electroreduction towards formate. Chemical Science, 2022, 13, 8829-8833.	7.4	6
7	Multi-channel lung sounds intelligent diagnosis of chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2021, 21, 321.	2.0	5
8	Active Polarization Converter Based on VO <sub>2</sub> -Metal Hybrid Metasurfaces at Terahertz Frequencies. , 2021, , .		0
9	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. Solar Energy, 2020, 206, 997-1017.	6.1	97
10	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. Energy, 2019, 189, 116206.	8.8	26
11	An Influencing Parameters Analysis of District Heating Network Time Delays Based on the CFD Method. Energies, 2019, 12, 1297.	3.1	6
12	A Study on Energy-Saving Technologies Optimization towards Nearly Zero Energy Educational Buildings in Four Major Climatic Regions of China. Energies, 2019, 12, 4734.	3.1	9
13	Uncertainty Analysis of Weather Forecast Data for Cooling Load Forecasting Based on the Monte Carlo Method. Energies, 2018, 11, 1900.	3.1	27
14	Optimization of Passive Envelop Energy Efficient Measures for Office Buildings in Different Climate Regions of China Based on Modified Sensitivity Analysis. Sustainability, 2018, 10, 907.	3.2	16
15	A hybrid method of dynamic cooling and heating load forecasting for office buildings based on artificial intelligence and regression analysis. Energy and Buildings, 2018, 174, 293-308.	6.7	98
16	Analysis and optimization of carbon trading mechanism for renewable energy application in buildings. Renewable and Sustainable Energy Reviews, 2017, 73, 435-451.	16.4	30
17	Fabrication of Chitosan Membranes with High Flux by Magnetic Alignment of In Situ Generated Fe <sub>3</sub> O <sub>4</sub> . Chemical Engineering and Technology, 2016, 39, 969-978.	1.5	10
18	Thermal equilibrium research of solar seasonal storage system coupling with ground-source heat pump. Energy, 2016, 99, 83-90.	8.8	38

#	ARTICLE	IF	CITATIONS
19	A highly proton-conducting, methanol-blocking Nafion composite membrane enabled by surface-coating crosslinked sulfonated graphene oxide. Chemical Communications, 2016, 52, 2173-2176.	4.1	49
20	Tunable Nanochannels along Graphene Oxide/Polymer Core-Shell Nanosheets to Enhance Proton Conductivity. Advanced Functional Materials, 2015, 25, 7502-7511.	14.9	97
21	Suitability assessment of building energy saving technologies for office buildings in cold areas of China based on an assessment framework. Energy Conversion and Management, 2015, 103, 650-664.	9.2	19
22	Energy consumption comparison analysis of high energy efficiency office buildings in typical climate zones of China and U.S. based on correction model. Energy, 2014, 65, 221-232.	8.8	26
23	Analysis of energy saving optimization of campus buildings based on energy simulation. Frontiers in Energy, 2013, 7, 388-398.	2.3	3
24	Optimum combinations of building envelop energy-saving technologies for office buildings in different climatic regions of China. Energy and Buildings, 2013, 57, 103-109.	6.7	40
25	Method of checking and certifying carbon trading volume of existing buildings retrofits in China. Energy Policy, 2013, 61, 1178-1187.	8.8	8
26	Energy efficiency performance of multi-energy district heating and hot water supply system. Journal of Central South University, 2012, 19, 1377-1382.	3.0	5
27	Energy consumption quota of public buildings based on statistical analysis. Energy Policy, 2012, 43, 362-370.	8.8	49
28	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. Energy Policy, 2012, 45, 521-528.	8.8	29
29	Energy saving effect prediction and post evaluation of air-conditioning system in public buildings. Energy and Buildings, 2011, 43, 3243-3249.	6.7	30
30	Adding Choquet integral to case-based reasoning with incomplete data. , 2010, , .		1
31	The thermodynamic behavior and morphology of PP/POE blends prepared by melt- and solution-mixing methods. Journal of Materials Science, 2009, 44, 2171-2175.	3.7	5
32	Implementing effect of energy efficiency supervision system for government office buildings and large-scale public buildings in China. Energy Policy, 2009, 37, 2079-2086.	8.8	23
33	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. Energy Policy, 2009, 37, 2124-2130.	8.8	38