

# Jiwei Guo

## List of Publications by Year in descending order

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9  
papers

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citations

1307594

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1474206

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docs citations

9  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal storage and thermal management properties of a novel ventilated mortar block integrated with phase change material for floor heating: an experimental study. <i>Energy Conversion and Management</i> , 2020, 205, 112288.	9.2	40
2	Decoupling analysis on the variations of liquid velocity and heat flux in the test of fouling thermal resistance. <i>International Journal of Heat and Mass Transfer</i> , 2018, 123, 227-238.	4.8	21
3	On-site measurement of the thermal performance of a novel ventilated thermal storage heating floor in a nearly zero energy building. <i>Building and Environment</i> , 2021, 201, 107993.	6.9	17
4	Space heating performance of novel ventilated mortar blocks integrated with phase change material for floor heating. <i>Building and Environment</i> , 2020, 185, 107175.	6.9	16
5	Experimental investigation on the effects of phase change material and different ventilation modes on the thermal storage, space heating and energy consumption characteristics of ventilated mortar blocks. <i>Journal of Energy Storage</i> , 2021, 41, 102817.	8.1	12
6	A dynamic state-space model for predicting the thermal performance of ventilated electric heating mortar blocks integrated with phase change material. <i>Energy and Buildings</i> , 2021, 244, 111010.	6.7	8
7	A semi-analytical model for evaluating the thermal storage capacity and heat use efficiency of flexible thermal storage heating floor. <i>Applied Thermal Engineering</i> , 2021, 198, 117448.	6.0	8
8	The short-term demand response potential and thermal characteristics of a ventilated floor heating system in a nearly zero energy building. <i>Journal of Energy Storage</i> , 2022, 45, 103643.	8.1	5
9	Study on the demand response potential of an actively ventilated building: Parametric and scenario analysis. <i>Energy</i> , 2022, 238, 122043.	8.8	1