

# Shuang Jiang

## List of Publications by Year in descending order

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times ranked

222  
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#	ARTICLE	IF	CITATIONS
1	Thermal performance analysis of the sorption heat storage system with packed bed based on a spatially resolved 2D model. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 49, 101753.	2.7	1
2	Scale-up of open zeolite bed reactors for sorption energy storage: Theory and experiment. <i>Energy and Buildings</i> , 2022, 264, 112077.	6.7	7
3	Further analysis of the influence of interstage configurations on two-stage vapor compression heat pump systems. <i>Applied Thermal Engineering</i> , 2021, 184, 116050.	6.0	15
4	Multifield Coupled Dynamic Simulation of Coal Oxidation and Self-Heating in Longwall Coal Mine Gob. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-16.	1.1	4
5	A review of the development of airflow models used in building load calculation and energy simulation. <i>Building Simulation</i> , 2019, 12, 347-363.	5.6	18
6	Medial axis extraction algorithm specializing in porous media. <i>Powder Technology</i> , 2019, 343, 512-520.	4.2	9
7	Experimental investigation of a regenerated air cycle heat pump heating system with a turbocharger. <i>International Journal of Refrigeration</i> , 2019, 100, 48-54.	3.4	5
8	Numerical research on coupling performance of inter-stage parameters for two-stage compression system with injection. <i>Applied Thermal Engineering</i> , 2018, 128, 1430-1445.	6.0	18
9	Air-Source Heat Pump Systems. , 2018, , 349-391.		0
10	Air-Source Heat Pump Systems. , 2018, , 1-44.		1
11	Using an air cycle heat pump system with a turbocharger to supply heating for full electric vehicles. <i>International Journal of Refrigeration</i> , 2017, 77, 11-19.	3.4	25
12	Optimum compressor cylinder volume ratio for two-stage compression air source heat pump systems. <i>International Journal of Refrigeration</i> , 2016, 67, 77-89.	3.4	35
13	The role of optimum intermediate pressure in the design of two-stage vapor compression systems: A further investigation. <i>International Journal of Refrigeration</i> , 2016, 70, 57-70.	3.4	25
14	A general model for two-stage vapor compression heat pump systems. <i>International Journal of Refrigeration</i> , 2015, 51, 88-102.	3.4	49
15	Simulation on a Two-Stage Compression Heat Pump with Focus on Optimum Control. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 381-397.	0.4	1
16	District cooling and heating with seawater as heat source and sink in Dalian, China. <i>Renewable Energy</i> , 2007, 32, 2603-2616.	8.9	95