

Xiaoyu Cui

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

138
citations

1307594

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h-index

1199594

12
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12
all docs

12
docs citations

12
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on coupling performance of heat transfer and throttling of microchannel J-T effect cryocoolers. Applied Thermal Engineering, 2022, 202, 117854.	6.0	7
2	A feature importance ranking based fault diagnosis method for variable-speed screw chiller. Science and Technology for the Built Environment, 2022, 28, 137-151.	1.7	2
3	Study on the influence of distributed Joule-Thomson effect on the performance of microchannel cryocooler. Applied Thermal Engineering, 2022, 213, 118795.	6.0	4
4	A combined experimental and numerical approach for printed circuit rectangular microchannel J-T cooler using argon. Applied Thermal Engineering, 2021, 182, 116107.	6.0	10
5	Application of PSO-LSSVM and hybrid programming to fault diagnosis of refrigeration systems. Science and Technology for the Built Environment, 2021, 27, 592-607.	1.7	4
6	Experimental and numerical analysis of the multilayer distributed Joule-Thomson cooler with pillars. International Journal of Energy Research, 2021, 45, 6086-6103.	4.5	4
7	Characterization of a distributed Joule-Thomson effect cooler with pillars. International Journal of Energy Research, 2021, 45, 13965-13977.	4.5	2
8	Research Progress of Thermal Contact Resistance. Journal of Low Temperature Physics, 2020, 201, 213-253.	1.4	13
9	Chiller fault detection and diagnosis by knowledge transfer based on adaptive imbalanced processing. Science and Technology for the Built Environment, 2020, 26, 1082-1099.	1.7	16
10	Review of experimental research on Joule-Thomson cryogenic refrigeration system. Applied Thermal Engineering, 2019, 157, 113640.	6.0	37
11	Comparative study of probabilistic neural network and back propagation network for fault diagnosis of refrigeration systems. Science and Technology for the Built Environment, 2018, 24, 448-457.	1.7	23
12	Heat transfer performance of a pulsating heat pipe charged with acetone-based mixtures. Heat and Mass Transfer, 2017, 53, 1983-1994.	2.1	16