

Xiaoyu Cui

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

138
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of experimental research on Joule-Thomson cryogenic refrigeration system. Applied Thermal Engineering, 2019, 157, 113640.	6.0	37
2	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
3	Heat transfer performance of a pulsating heat pipe charged with acetone-based mixtures. Heat and Mass Transfer, 2017, 53, 1983-1994.	2.1	16
4	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
5	Research Progress of Thermal Contact Resistance. Journal of Low Temperature Physics, 2020, 201, 213-253.	1.4	13
6	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
7	Research on coupling performance of heat transfer and throttling of microchannel J-T effect cryocoolers. Applied Thermal Engineering, 2022, 202, 117854.	6.0	7
8	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
9	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
10	Study on the influence of distributed Joule-Thomson effect on the performance of microchannel cryocooler. Applied Thermal Engineering, 2022, 213, 118795.	6.0	4
11	Characterization of a distributed Joule-Thomson effect cooler with pillars. International Journal of Energy Research, 2021, 45, 13965-13977.	4.5	2
12	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