

Yuce Liu

List of Publications by Year in descending order

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9
papers

160
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	A mathematical model for flow maldistribution study in a parallel plate-fin heat exchanger. Applied Thermal Engineering, 2017, 121, 462-472.	6.0	39
2	Multi-parameter optimization of shell-and-tube heat exchanger with helical baffles based on entransy theory. Applied Thermal Engineering, 2018, 130, 804-813.	6.0	36
3	Application of entransy theory on structure optimization of serrated fin in plate-fin heat exchanger. Applied Thermal Engineering, 2020, 173, 114809.	6.0	28
4	Effect of surface tension, gravity and turbulence on condensation patterns of R1234ze(E) in horizontal mini/macro-channels. International Journal of Heat and Mass Transfer, 2018, 125, 153-170.	4.8	23
5	Numerical investigation on the condensation of R134a, R1234ze(E) and R450A in mini-channels. International Journal of Refrigeration, 2021, 130, 305-316.	3.4	18
6	Numerical investigation on the shell and tube heat exchanger with baffle leakage zones blocked. International Journal of Thermal Sciences, 2021, 165, 106959.	4.9	11
7	A numerical model for the flow condensation of the binary zeotropic mixture. International Communications in Heat and Mass Transfer, 2022, 130, 105767.	5.6	3
8	Performance of shell-and-tube heat exchangers with different baffles applied to water chillers based on fluid-structure interaction. Science and Technology for the Built Environment, 2019, 25, 516-524.	1.7	2
9	Research on application of twisted oval tubes in rod-baffle heat exchangers. Asia-Pacific Journal of Chemical Engineering, 0, , .	1.5	0