

Xin Gu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

120
citations

1684188
5
h-index

1474206
9
g-index

11
all docs

11
docs citations

11
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on characteristics of fluid-flow and heat transfer in the torsional flow heat exchanger with drop-shaped tube. <i>Thermal Science</i> , 2022, 26, 3689-3702.	1.1	2
2	Fluid-structure interaction analysis of heat exchanger with torsional flow in the shell side. <i>Journal of Mechanical Science and Technology</i> , 2022, 36, 479-489.	1.5	2
3	Heat Transfer and Flow Resistance Characteristics of Helical Baffle Heat Exchangers with Twisted Oval Tube. <i>Journal of Thermal Science</i> , 2022, 31, 370-378.	1.9	6
4	Analysis of fluid retention zones in heat exchangers with segmental baffle and helical baffle. <i>International Journal of Chemical Reactor Engineering</i> , 2021, .	1.1	0
5	IDENTIFICATION OF FULLY DEVELOPED REGIONS AND EXPERIMENTAL INVESTIGATION OF TWISTED FLOW HEAT EXCHANGER. <i>Heat Transfer Research</i> , 2020, 51, 1637-1651.	1.6	3
6	Characteristics of Fluid Flow and Heat Transfer in the Shell Side of the Trapezoidal-like Tilted Baffles Heat Exchanger. <i>Journal of Thermal Science</i> , 2018, 27, 602-610.	1.9	24
7	Numerical and experimental investigation of the heat exchanger with trapezoidal baffle. <i>International Journal of Heat and Mass Transfer</i> , 2018, 127, 598-606.	4.8	39
8	Heat transfer and flow resistance performance of shutter baffle heat exchanger with triangle tube layout in shell side. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401664101.	1.6	7
9	Characteristics of heat transfer for tube banks in crossflow and its relation with that in shell-and-tube heat exchangers. <i>International Journal of Heat and Mass Transfer</i> , 2016, 93, 584-594.	4.8	34
10	Numerical research on heat transfer and flow resistance performance of specially-shaped rod baffle heat exchangers. <i>Heat Transfer - Asian Research</i> , 2012, 41, 1-9.	2.8	3
11	Application of Response surface optimization technology and Fluid-structure interaction in the engineering design of Torsional flow heat exchangers. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 0, , 095440622110723.	2.1	0