

# Xin Gu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10030769/publications.pdf>

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