

# Ji Li

## List of Publications by Year in descending order

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18  
papers

807  
citations

623734

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h-index

888059

17  
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18  
all docs

18  
docs citations

18  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental studies on a high performance compact loop heat pipe with a square flat evaporator. Applied Thermal Engineering, 2010, 30, 741-752.	6.0	125
2	Geometric optimization of a micro heat sink with liquid flow. IEEE Transactions on Components and Packaging Technologies, 2006, 29, 145-154.	1.3	112
3	Power-saving exploration for high-end ultra-slim laptop computers with miniature loop heat pipe cooling module. Applied Energy, 2019, 239, 859-875.	10.1	84
4	An ultra-thin miniature loop heat pipe cooler for mobile electronics. Applied Thermal Engineering, 2016, 109, 514-523.	6.0	83
5	Mechanism of a microscale flat plate heat pipe with extremely high nominal thermal conductivity for cooling high-end smartphone chips. Energy Conversion and Management, 2019, 201, 112202.	9.2	67
6	3D heat transfer analysis in a loop heat pipe evaporator with a fully saturated wick. International Journal of Heat and Mass Transfer, 2011, 54, 564-574.	4.8	63
7	A new cooling strategy for edge computing servers using compact looped heat pipe. Applied Thermal Engineering, 2021, 187, 116599.	6.0	53
8	High Power Electronic Component: Review. Recent Patents on Engineering, 2008, 2, 174-188.	0.4	37
9	A Compact Loop Heat Pipe With Flat Square Evaporator for High Power Chip Cooling. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2011, 1, 519-527.	2.5	34
10	A robust pulsating heat pipe cooler for integrated high power LED chips. Heat and Mass Transfer, 2017, 53, 3305-3313.	2.1	32
11	A thermosyphon heat pipe cooler for high power LEDs cooling. Heat and Mass Transfer, 2016, 52, 1541-1548.	2.1	27
12	Characteristics of thermal storage heat pipe charged with graphene nanoplatelets enhanced organic phase change material. Energy Conversion and Management, 2022, 267, 115902.	9.2	24
13	Directly air-cooled compact looped heat pipe module for high power servers with extremely low power usage effectiveness. Applied Energy, 2022, 319, 119279.	10.1	18
14	Comparative studies of pool boiling heat transfer with nano-fluids on porous surface. Heat and Mass Transfer, 2015, 51, 1769-1777.	2.1	15
15	Comparative Study on Thermal Performance of Ultrathin Miniature Loop Heat Pipes With Different Internal Wicks. Journal of Heat Transfer, 2017, 139, .	2.1	9
16	Pumping power and heating area dependence of thermal resistance for a large-scale microchannel heat sink under extremely high heat flux. Heat and Mass Transfer, 0, , 1.	2.1	9
17	Transient thermodynamic response and boiling heat transfer limit of dielectric liquids in a two-phase closed direct immersion cooling system. Thermal Science and Engineering Progress, 2021, 25, 100986.	2.7	9
18	3D Heat Transfer Analysis of a Miniature Copper-Water Vapor Chamber with Wicked Pillars Array. ISRN Mechanical Engineering, 2013, 2013, 1-10.	0.9	6