

# Gaurav Patankar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3204938/publications.pdf>

Version: 2024-02-01

6  
papers

208  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the transient thermal response of thin vapor chamber heat spreaders: Optimized design and fluid selection. International Journal of Heat and Mass Transfer, 2020, 148, 119106.	4.8	19
2	On the transient thermal response of thin vapor chamber heat spreaders: Governing mechanisms and performance relative to metal spreaders. International Journal of Heat and Mass Transfer, 2019, 136, 995-1005.	4.8	26
3	A validated time-stepping analytical model for 3D transient vapor chamber transport. International Journal of Heat and Mass Transfer, 2018, 119, 867-879.	4.8	27
4	Working-fluid selection for minimized thermal resistance in ultra-thin vapor chambers. International Journal of Heat and Mass Transfer, 2017, 106, 648-654.	4.8	46
5	A Method for Thermal Performance Characterization of Ultrathin Vapor Chambers Cooled by Natural Convection. Journal of Electronic Packaging, Transactions of the ASME, 2016, 138, .	1.8	22
6	Patterning the condenser-side wick in ultra-thin vapor chamber heat spreaders to improve skin temperature uniformity of mobile devices. International Journal of Heat and Mass Transfer, 2016, 101, 927-936.	4.8	68