

Gaurav Patankar

List of Publications by Year in descending order

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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 | 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 |
| 2 | 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 |
| 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 | 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 |
| 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 | 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 |