

Chi Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1778271/publications.pdf>

Version: 2024-02-01

10
papers

389
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

378
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Design and optimization of well-ordered microporous copper structure for high heat flux cooling applications. International Journal of Heat and Mass Transfer, 2021, 173, 121241. | 4.8 | 15 |
| 2 | Integrated cooling (i-Cool) textile of heat conduction and sweat transportation for personal perspiration management. Nature Communications, 2021, 12, 6122. | 12.8 | 86 |
| 3 | Bicontinuous Mesoporous Metal Foams with Enhanced Conductivity and Tunable Pore Size and Porosity via Electrodeposition for Electrochemical and Thermal Systems. ACS Applied Nano Materials, 2020, 3, 12408-12415. | 5.0 | 0 |
| 4 | Enhanced Heat Transfer Using Microporous Copper Inverse Opals. Journal of Electronic Packaging, Transactions of the ASME, 2018, 140, . | 1.8 | 11 |
| 5 | Tailoring Permeability of Microporous Copper Structures through Template Sintering. ACS Applied Materials & Interfaces, 2018, 10, 30487-30494. | 8.0 | 18 |
| 6 | Enhanced Capillaryâ€Fed Boiling in Copper Inverse Opals via Template Sintering. Advanced Functional Materials, 2018, 28, 1803689. | 14.9 | 46 |
| 7 | A method for quantifying in plane permeability of porous thin films. Journal of Colloid and Interface Science, 2018, 530, 667-674. | 9.4 | 5 |
| 8 | Extreme Twoâ€Phase Cooling from Laserâ€Etched Diamond and Conformal, Templateâ€Fabricated Microporous Copper. Advanced Functional Materials, 2017, 27, 1703265. | 14.9 | 83 |
| 9 | Quasi-ballistic Electronic Thermal Conduction in Metal Inverse Opals. Nano Letters, 2016, 16, 2754-2761. | 9.1 | 72 |
| 10 | Approaching the limits of two-phase boiling heat transfer: High heat flux and low superheat. Applied Physics Letters, 2015, 107, . | 3.3 | 53 |