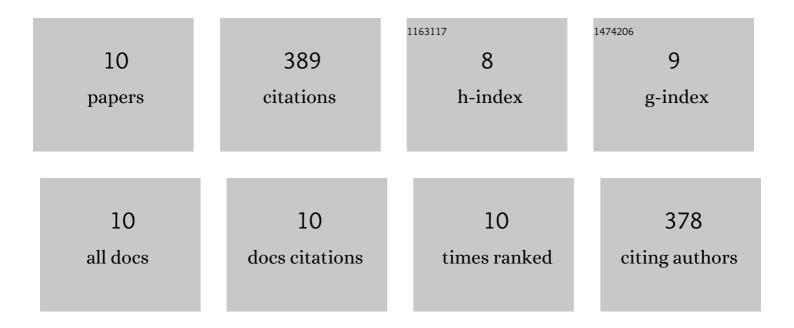
Chi Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1778271/publications.pdf Version: 2024-02-01



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