

Huaqiang Liu

List of Publications by Year in descending order

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7
papers

1,085
citations

1651377

6
h-index

1905433

7
g-index

7
all docs

7
docs citations

7
times ranked

1013
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular dynamics investigation of boiling heat transfer over wettability thermo-responsive surface. <i>International Journal of Heat and Mass Transfer</i> , 2022, 191, 122856.	2.5	6
2	Optimization of air-cooling technology for LiFePO ₄ battery pack based on deep learning. <i>Journal of Power Sources</i> , 2021, 497, 229894.	4.0	46
3	A parametric study of a hybrid battery thermal management system that couples PCM/copper foam composite with helical liquid channel cooling. <i>Energy</i> , 2021, 231, 120869.	4.5	101
4	Investigation of the effects of surface wettability and surface roughness on nanoscale boiling process using molecular dynamics simulation. <i>Nuclear Engineering and Design</i> , 2021, 382, 111400.	0.8	10
5	Molecular dynamics study of the nanoscale boiling heat transfer process on nanostructured surfaces. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104963.	2.9	32
6	Investigation into the effectiveness of nanofluids on the mini-channel thermal management for high power lithium ion battery. <i>Applied Thermal Engineering</i> , 2018, 142, 511-523.	3.0	104
7	Thermal issues about Li-ion batteries and recent progress in battery thermal management systems: A review. <i>Energy Conversion and Management</i> , 2017, 150, 304-330.	4.4	786