

Huaqiang Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3025560/publications.pdf>

Version: 2024-02-01

7
papers

1,085
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	A molecular dynamics investigation of boiling heat transfer over wettability thermo-responsive surface. International Journal of Heat and Mass Transfer, 2022, 191, 122856.	4.8	6
2	Optimization of air-cooling technology for LiFePO ₄ battery pack based on deep learning. Journal of Power Sources, 2021, 497, 229894.	7.8	46
3	A parametric study of a hybrid battery thermal management system that couples PCM/copper foam composite with helical liquid channel cooling. Energy, 2021, 231, 120869.	8.8	101
4	Investigation of the effects of surface wettability and surface roughness on nanoscale boiling process using molecular dynamics simulation. Nuclear Engineering and Design, 2021, 382, 111400.	1.7	10
5	Molecular dynamics study of the nanoscale boiling heat transfer process on nanostructured surfaces. International Communications in Heat and Mass Transfer, 2020, 119, 104963.	5.6	32
6	Investigation into the effectiveness of nanofluids on the mini-channel thermal management for high power lithium ion battery. Applied Thermal Engineering, 2018, 142, 511-523.	6.0	104
7	Thermal issues about Li-ion batteries and recent progress in battery thermal management systems: A review. Energy Conversion and Management, 2017, 150, 304-330.	9.2	786