Hongyang Li

List of Publications by Year in Descending Order

8 papers	58 citations	4 h-index	7 g-index
8 ext. papers	128 ext. citations	6.2 avg, IF	2.9 L-index

#	Paper	IF	Citations
8	Pore-scale study on Rayleigh-Bénard convection formed in the melting process of metal foam composite phase change material. *International Journal of Thermal Sciences*, **2022**, 177, 107572	4.1	0
7	A synergistic improvement in heat storage rate and capacity of nano-enhanced phase change materials. *International Journal of Heat and Mass Transfer*, **2022**, 192, 122869	4.9	1
6	Thermal effect of nanoparticles on the metal foam composite phase change material: A pore-scale study. *International Journal of Thermal Sciences*, **2022**, 179, 107709	4.1	0
5	Influence of model inclination on the melting behavior of graded metal foam composite phase change material: A pore-scale study. *Journal of Energy Storage*, **2021**, 44, 103537	7.8	1
4	Influence of fin parameters on the melting behavior in a horizontal shell-and-tube latent heat storage unit with longitudinal fins. *Journal of Energy Storage*, **2021**, 34, 102230	7.8	20
3	Effect of perforated fins on the heat-transfer performance of vertical shell-and-tube latent heat energy storage unit. *Journal of Energy Storage*, **2021**, 39, 102647	7.8	7
2	Visualized-experimental investigation on the energy storage performance of PCM infiltrated in the metal foam with varying pore densities. *Energy*, **2021**, 237, 121540	7.9	8
1	Pore-scale investigation on the heat-storage characteristics of phase change material in graded copper foam. *Applied Thermal Engineering*, **2020**, 178, 115609	5.8	21