

Milan Visaria

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

623
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental study of the effects of spray inclination on two-phase spray cooling and critical heat flux. <i>International Journal of Heat and Mass Transfer</i> , 2008, 51, 2398-2410.	4.8	124
2	Application of Two-Phase Spray Cooling for Thermal Management of Electronic Devices. <i>IEEE Transactions on Components and Packaging Technologies</i> , 2009, 32, 784-793.	1.3	95
3	Effects of high subcooling on two-phase spray cooling and critical heat flux. <i>International Journal of Heat and Mass Transfer</i> , 2008, 51, 5269-5278.	4.8	86
4	Study of heat transfer and kinetics parameters influencing the design of heat exchangers for hydrogen storage in high-pressure metal hydrides. <i>International Journal of Heat and Mass Transfer</i> , 2010, 53, 2229-2239.	4.8	73
5	Enhanced heat exchanger design for hydrogen storage using high-pressure metal hydride: Part 1. Design methodology and computational results. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 413-423.	4.8	62
6	Coiled-tube heat exchanger for High-Pressure Metal Hydride hydrogen storage systems – Part 1. Experimental study. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 1782-1795.	4.8	44
7	Enhanced heat exchanger design for hydrogen storage using high-pressure metal hydride – Part 2. Experimental results. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 424-432.	4.8	40
8	A Systematic Approach to Predicting Critical Heat Flux for Inclined Sprays. <i>Journal of Electronic Packaging, Transactions of the ASME</i> , 2007, 129, 452-459.	1.8	34
9	Experimental investigation and theoretical modeling of dehydrating process in high-pressure metal hydride hydrogen storage systems. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 5735-5749.	7.1	33
10	Coiled-tube heat exchanger for high-pressure metal hydride hydrogen storage systems – Part 2. Computational model. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 1796-1806.	4.8	32