

Bruno Agostini

List of Publications by Year in descending order

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16
papers

1,165
citations

840776

11
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	State of the Art of High Heat Flux Cooling Technologies. Heat Transfer Engineering, 2007, 28, 258-281.	1.9	488
2	High heat flux flow boiling in silicon multi-microchannels " Part I: Heat transfer characteristics of refrigerant R236fa. International Journal of Heat and Mass Transfer, 2008, 51, 5400-5414.	4.8	135
3	Vertical flow boiling of refrigerant R134a in small channels. International Journal of Heat and Fluid Flow, 2005, 26, 296-306.	2.4	99
4	High heat flux flow boiling in silicon multi-microchannels " Part II: Heat transfer characteristics of refrigerant R245fa. International Journal of Heat and Mass Transfer, 2008, 51, 5415-5425.	4.8	85
5	Elongated bubbles in microchannels. Part I: Experimental study and modeling of elongated bubble velocity. International Journal of Multiphase Flow, 2008, 34, 590-601.	3.4	73
6	High Heat Flux Two-Phase Cooling in Silicon Multimicrochannels. IEEE Transactions on Components and Packaging Technologies, 2008, 31, 691-701.	1.3	57
7	Friction factor and heat transfer coefficient of R134a liquid flow in mini-channels. Applied Thermal Engineering, 2002, 22, 1821-1834.	6.0	55
8	A novel time strip flow visualisation technique for investigation of intermittent dewetting and dryout in elongated bubble flow in a microchannel evaporator. International Journal of Heat and Mass Transfer, 2010, 53, 4809-4818.	4.8	48
9	Effects of Geometrical and Thermophysical Parameters on Heat Transfer Measurements in Small-Diameter Channels. Heat Transfer Engineering, 2006, 27, 14-24.	1.9	47
10	Elongated bubbles in microchannels. Part II: Experimental study and modeling of bubble collisions. International Journal of Multiphase Flow, 2008, 34, 602-613.	3.4	44
11	Double condenser pulsating heat pipe cooler. Applied Thermal Engineering, 2017, 126, 1051-1057.	6.0	18
12	Compact Air-to-Air Thermosyphon Heat Exchanger. Heat Transfer Engineering, 2015, 36, 1419-1425.	1.9	7
13	Experimental Characterization of an Open Loop Pulsating Heat Pipe Cooler. , 2014, , .		4
14	Modeling of a Gravity Driven Two-Phase Loop. , 2008, , .		3
15	Flow Boiling in Minichannels. , 2005, , 217-230.		2
16	Application of Two-Phase Loop Thermosyphons and Pulsating Heat-Pipes to Power Electronics Cooling. , 2018, , 91-155.		0