

Frank Dammell

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

210
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Convective heat transfer characteristics of microencapsulated phase change material suspensions in minichannels. <i>Heat and Mass Transfer</i> , 2007, 44, 175-186.	2.1	98
2	Heat Transfer to Suspensions of Microencapsulated Phase Change Material Flowing Through Minichannels. <i>Journal of Heat Transfer</i> , 2012, 134, .	2.1	45
3	Potential for waste heat utilization of hot-water-cooled data centers: A case study. <i>Energy Science and Engineering</i> , 2020, 8, 1793-1810.	4.0	19
4	Flow frictional characteristics of microencapsulated phase change material suspensions flowing through rectangular minichannels. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 445-456.	0.9	16
5	Heat transfer from a continuous liquid to an evaporating drop: a numerical analysis. <i>International Journal of Thermal Sciences</i> , 2003, 42, 677-686.	4.9	12
6	Exergoeconomic Analysis of a Pumped Heat Electricity Storage System with Concrete Thermal Energy Storage. <i>International Journal of Thermodynamics</i> , 2016, 19, 43.	1.0	12
7	Exergoeconomic analysis of a pumped heat electricity storage system based on a Joule/Brayton cycle. <i>Energy Science and Engineering</i> , 2021, 9, 645-660.	4.0	5
8	Evaluation of the waste heat utilization from a hot-water-cooled high performance computer via a heat pump. <i>Energy Reports</i> , 2021, 7, 70-78.	5.1	2