Majed M Alhazmy

List of Publications by Year
in descending order

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16 papers	466 citations	1040056 9 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	340 citing authors

#	Article	IF	Citations
1	Reducing the Natural Convection Inside an Enclosure Using a Concentric Internal Open Square. Journal of Heat Transfer, 2022, 144, .	2.1	0
2	Rotated G-Shaped Insertion to Suppress Natural Convection Inside a Square Enclosure That Has Conductive Walls. Journal of Heat Transfer, 2019, 141, .	2.1	1
3	Large Eddy Simulation of Flow Past Tandem Cylinders in a Channel. Flow, Turbulence and Combustion, 2015, 95, 621-643.	2.6	8
4	Economic and thermal feasibility of multi stage flash desalination plant with brineâ€“feed mixing and cooling. Energy, 2014, 76, 1029-1035.	8.8	42
5	Multi stage flash desalination plant with brineâ€“feed mixing and cooling. Energy, 2011, 36, 5225-5232.	8.8	29
6	Numerical investigation on using inclined partitions to reduce natural convection inside the cavities of hollow bricks. International Journal of Thermal Sciences, 2010, 49, 2201-2210.	4.9	38
7	Internal baffles to reduce the natural convection in the voids of hollow blocks. Building Simulation, 2010, 3, 125-137.	5.6	7
8	Feed water cooler to increase evaporation range in MSF plantsâ˜†. Energy, 2009, 34, 7-13.	8.8	6
9	Energy and exergy analysis of reverse Brayton refrigerator for Gas Turbine power boosting. International Journal of Exergy, 2009, 6, 143.	0.4	8
10	Experimental study of turbulent single-phase flow and heat transfer inside a micro-finned tube. International Journal of Refrigeration, 2008, 31, 234-241.	3.4	40
11	Brayton refrigeration cycle for gas turbine inlet air cooling. International Journal of Energy Research, 2007, 31, 1292-1306.	4.5	32
12	Minimum work requirement for water production in humidificationâ€”dehumidification desalination cycle. Desalination, 2007, 214, 102-111.	8.2	22
13	Power estimation for air cooling and dehumidification using exergy analysis. International Journal of Exergy, 2006, 3, 391.	0.4	2
14	The minimum work required for air conditioning process. Energy, 2006, 31, 2739-2749.	8.8	16
15	Performance enhancement of gas turbines by inlet air-cooling in hot and humid climates. International Journal of Energy Research, 2006, 30, 777-797.	4.5	45
16	Augmentation of gas turbine performance using air coolers. Applied Thermal Engineering, 2004, 24, 415-429.	6.0	170