

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	Augmentation of gas turbine performance using air coolers. Applied Thermal Engineering, 2004, 24, 415-429.	6.0	170
2	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
3	Economic and thermal feasibility of multi stage flash desalination plant with brine feed mixing and cooling. Energy, 2014, 76, 1029-1035.	8.8	42
4	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
5	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
6	Brayton refrigeration cycle for gas turbine inlet air cooling. International Journal of Energy Research, 2007, 31, 1292-1306.	4.5	32
7	Multi stage flash desalination plant with brine feed mixing and cooling. Energy, 2011, 36, 5225-5232.	8.8	29
8	Minimum work requirement for water production in humidification dehumidification desalination cycle. Desalination, 2007, 214, 102-111.	8.2	22
9	The minimum work required for air conditioning process. Energy, 2006, 31, 2739-2749.	8.8	16
10	Energy and exergy analysis of reverse Brayton refrigerator for Gas Turbine power boosting. International Journal of Exergy, 2009, 6, 143.	0.4	8
11	Large Eddy Simulation of Flow Past Tandem Cylinders in a Channel. Flow, Turbulence and Combustion, 2015, 95, 621-643.	2.6	8
12	Internal baffles to reduce the natural convection in the voids of hollow blocks. Building Simulation, 2010, 3, 125-137.	5.6	7
13	Feed water cooler to increase evaporation range in MSF plants. Energy, 2009, 34, 7-13.	8.8	6
14	Power estimation for air cooling and dehumidification using exergy analysis. International Journal of Exergy, 2006, 3, 391.	0.4	2
15	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
16	Reducing the Natural Convection Inside an Enclosure Using a Concentric Internal Open Square. Journal of Heat Transfer, 2022, 144, .	2.1	0