

Hamza Fawzy

List of Publications by Year in descending order

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9
papers

122
citations

1478505
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1474206
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all docs

9
docs citations

9
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of mass injection cooling on flow and heat transfer characteristics for high-temperature inlet air in a MIPCC engine. International Journal of Heat and Mass Transfer, 2019, 135, 620-630.	4.8	33
2	Effect of water injection cooling on flow field characteristics in the cooling section of precooled turbine-based combined cycle engine. International Journal of Heat and Mass Transfer, 2019, 141, 615-626.	4.8	29
3	Conjugate heat transfer of impingement cooling using conical nozzles with different schemes in a film-cooled blade leading-edge. Applied Thermal Engineering, 2020, 177, 115491.	6.0	24
4	Impingement cooling using different arrangements of conical nozzles in a film cooled blade leading edge. International Communications in Heat and Mass Transfer, 2020, 112, 104506.	5.6	10
5	Effect of Slot Area Ratio and Slot Angle on Swirl Cooling in a Gas Turbine Blade Leading Edge. Journal of Aerospace Engineering, 2020, 33, 04020046.	1.4	9
6	Optimization of A Swirl with Impingement Compound Cooling Unit for A Gas Turbine Blade Leading Edge. Energies, 2020, 13, 210.	3.1	8
7	Study of utilizing double lateral sub holes at different spanwise angles on blade film cooling effectiveness. International Communications in Heat and Mass Transfer, 2020, 117, 104728.	5.6	4
8	Axial transonic compressor performance enhancement with circumferential grooves. Mechanical Sciences, 2020, 11, 153-161.	1.0	3
9	Performance improvement of axial compressor by introduction of circumferential grooves. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-21.	2.3	2