

Ali Solati

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

240
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance enhancement of the double-layered micro-channel heat sink by use of tapered channels. Applied Thermal Engineering, 2016, 102, 1345-1354.	6.0	63
2	Combined GA-ANN approach for prediction of HAZ and bearing strength in laser drilling of GFRP composite. Optics and Laser Technology, 2019, 113, 104-115.	4.6	52
3	Comprehensive investigation of surface quality and mechanical properties in CO2 laser drilling of GFRP composites. International Journal of Advanced Manufacturing Technology, 2019, 102, 791-808.	3.0	31
4	A numerical analysis on the effect of different architectures of membrane, CL and GDL layers on the power and reactant transportation in the square tubular PEMFC. International Journal of Hydrogen Energy, 2016, 41, 10844-10853.	7.1	23
5	Performance improvement of the circular tubular PEMFC by using different architectures and number of layers. Energy Conversion and Management, 2016, 128, 238-249.	9.2	22
6	Numerical investigation of the effect of different layers configurations on the performance of radial PEM fuel cells. Renewable Energy, 2019, 143, 1877-1889.	8.9	18
7	Multi-criteria optimization of weld bead in pulsed Nd:YAG laser welding of stainless steel 316. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2019, 233, 151-164.	2.5	12
8	Effect of number and arrangement of separator electrode assembly (SEA) on the performance of square tubular PEM fuel cells. Energy, 2017, 137, 302-313.	8.8	6
9	Surface hardness improvement in surface grinding process using combined Taguchi method and regression analysis. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2018, 12, JAMDSM0049-JAMDSM0049.	0.7	5
10	Flow and contaminant dispersion analysis around a model building using non-linear eddy viscosity model and large eddy simulation. International Journal of Environmental Science and Technology, 2017, 14, 957-972.	3.5	4
11	Numerical analysis on the film cooling of leading edge with laid back holes to determine the optimal angle for the holes. Australian Journal of Mechanical Engineering, 2020, 18, 429-441.	2.1	4
12	Enhancement of the thermal and hydraulic performance of PCPFHS and PSPFHS through improving the splitter plate shape. Australian Journal of Mechanical Engineering, 0, , 1-10.	2.1	0