

Marwan Effendy

List of Publications by Year in descending order

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30
papers

144
citations

1478505

6
h-index

1281871

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g-index

30
all docs

30
docs citations

30
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of thermal cycling with various heating rates on the performance of thermoelectric modules. International Journal of Thermal Sciences, 2022, 178, 107601.	4.9	9
2	Performance and smoke opacity of compression-ignition engine using used-waste oil. Case Studies in Thermal Engineering, 2021, 26, 101063.	5.7	9
3	Surface characterization of Fe-10Al-25Mn alloy for biomaterial applications. Journal of Materials Research and Technology, 2021, 15, 409-415.	5.8	6
4	A Comparative Review on Greenery Ecosystems and Their Impacts on Sustainability of Building Environment. Sustainability, 2020, 12, 8529.	3.2	13
5	Simulasi Pemograman Pengendali PWM Kecepatan dengan Mikrokontroler Arduino berbasis Sensor Ultrasonik HC-SR04 pada Purwarupa Mobil Listrik. Accurate, 2020, 1, 19-25.	0.1	0
6	Kajian Numerik Efektifitas Film Cooling pada Sudu Turbin Gas. Rotasi, 2019, 21, 10.	0.0	1
7	Pin-fin shape and orientation effects on wall heat transfer predictions of gas turbine blade. AIP Conference Proceedings, 2019, , .	0.4	10
8	Optimization of centrifugal pump performance with various blade number. AIP Conference Proceedings, 2019, , .	0.4	6
9	Improvement of wear resistant of railway wheel by using graphite in various speeds based on disc-on-disc contact system. AIP Conference Proceedings, 2019, , .	0.4	1
10	Numerical study of pin-fin cooling on gas turbine blades. AIP Conference Proceedings, 2019, , .	0.4	2
11	Detached eddy simulation of blade trailing-edge cutback cooling performance at various ejection slot angles. International Journal of Heat and Fluid Flow, 2019, 80, 108487.	2.4	9
12	An effect of different spark plug used and additional ethanol on engine performance and exhaust gas emission. IOP Conference Series: Materials Science and Engineering, 2019, 674, 012062.	0.6	1
13	Unjuk Kerja Separator Gas Liquid Cylindrical Cyclone (GLCC Metering Loop). Rotasi, 2019, 21, 68.	0.0	0
14	Pengaruh Campuran Bioetanol Biji Durian pada Bahan Bakar Pertalite terhadap Performa Mesin dan Emisi Gas Buang Kendaraan. Rotasi, 2019, 21, 76.	0.0	0
15	Pyrolysis of Plastic Waste as an Alternative Fuels in Spark Ignition Engine. International Journal of Emerging Trends in Engineering Research, 2019, 7, 454-459.	0.2	7
16	Evaluation on a Digitized CAD Model of 3D Scanner Used in Reverse Engineering. , 2018, , .		1
17	Identification performance of the liquid-gas ejector using static pressure distribution. AIP Conference Proceedings, 2018, , .	0.4	0
18	Domain discretization in dealing with domain integral in material nonlinearity plate bending analysis with boundary element method. AIP Conference Proceedings, 2018, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	RANS study of the liquid jet gas ejector. AIP Conference Proceedings, 2018, , .	0.4	3
20	RANCANG BANGUN ALAT UJI KEAUSAN BERBASIS SISTEM KONTAK DISC-ON-DISC. Turbo: Jurnal Program Studi Teknik Mesin, 2018, 7, .	0.0	1
21	Enhancing the Trailing-Edge Cooling Performance of Gas Turbine Blade Using Cylindrical Pin-Fins Cooling. Advanced Science Letters, 2018, 24, 9049-9053.	0.2	0
22	Material nonlinearity plate bending analysis with boundary element method. AIP Conference Proceedings, 2017, , .	0.4	2
23	Detached-Eddy Simulation of Trailing-Edge (TE) Cutback Turbine Blade Cooling. MATEC Web of Conferences, 2017, 135, 00008.	0.2	2
24	DES study of blade trailing edge cutback cooling performance with various lip thicknesses. Applied Thermal Engineering, 2016, 99, 434-445.	6.0	41
25	Predicting Film Cooling Performance of Trailing-Edge Cutback Turbine Blades by Detached-eddy Simulation. , 2014, , .		5
26	Evaluation of Wall Heat Transfer in Blade Trailing-Edge Cooling Passage. Applied Mechanics and Materials, 2013, 284-287, 738-742.	0.2	3
27	Pressure loss and wall heat transfer characteristics in blade trailing-edge cooling passage. , 2012, , .		1
28	Effect of Mesh Topologies on Wall Heat Transfer and Pressure Loss Prediction of a Blade Coolant Passage. Applied Mechanics and Materials, 0, 315, 216-220.	0.2	5
29	Graphite as Dry Lubricant to Reduce Rail Wheels Wear Level. Materials Science Forum, 0, 961, 126-133.	0.3	5
30	Characteristics of Temperature changes and Stress of Float Glass under Heat Radiation. International Journal of Emerging Trends in Engineering Research, 0, , 228-233.	0.2	1