

Sarwo Edhy Sofyan

List of Publications by Year in descending order

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papers

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69
citing authors

#	ARTICLE	IF	CITATIONS
1	Airside Heat Transfer and Pressure Drop on the Spiral Finned-Tube Compact Heat Exchanger with Sharp Turns. Lecture Notes in Mechanical Engineering, 2021, , 53-62.	0.3	0
2	A novel three-dimensional implicit numerical model of a borehole field heat exchanger that accounts for seasonal fluctuations of the soil temperature. Geothermics, 2021, 97, 102236.	1.5	1
3	Heat Transfer Analysis on the Tube Type Heat Exchanger with Fin Pitch Variations. IOP Conference Series: Materials Science and Engineering, 2020, 931, 012017.	0.3	1
4	The effect of gasoline-waste plastics oil blends on SI engine performance at high-speed rotation. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012002.	0.2	2
5	Theoretical Study of the Absorption Refrigeration Cycle Using Water-Lithium Bromide as Working Pair for Cold Storage Application. IOP Conference Series: Materials Science and Engineering, 2020, 796, 012015.	0.3	1
6	The Potential Plastic Oil Production from Plastics Waste (PET and LDPE) in Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, 2020, 505, 012027.	0.2	0
7	The performance of thermoelectric exhaust heat recovery system considering different heat source's fin arrangements. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012022.	0.2	8
8	Experimental Study on the Performance of an SI Engine Fueled by Waste Plastic Pyrolysis Oil's Gasoline Blends. Energies, 2020, 13, 4196.	1.6	14
9	Mathematical Modelling and Operational Analysis of Combined Vertical's Horizontal Heat Exchanger for Shallow Geothermal Energy Application in Cooling Mode. Energies, 2020, 13, 6598.	1.6	4
10	A new approach to modelling of seasonal soil temperature fluctuations and their impact on the performance of a shallow borehole heat exchanger. Case Studies in Thermal Engineering, 2020, 22, 100781.	2.8	9
11	Convective heat transfer study on the spiral finned tube heat exchanger under various fin pitch arrangements. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012024.	0.2	8
12	Effects of welding on the change of microstructure and mechanical properties of low carbon steel. IOP Conference Series: Materials Science and Engineering, 2019, 523, 012065.	0.3	4
13	Computational Fluid Dynamics Based Fuzzy Control Optimization of Heat Exchanger via Genetic Algorithm. , 2019, , .		0
14	A new approach to modelling of a horizontal geo-heat exchanger with an internal source term. Applied Energy, 2016, 164, 963-971.	5.1	22
15	Modelling of a Horizontal Geo Heat Exchanger with an Internal Source Term Approach. Energy Procedia, 2014, 61, 104-108.	1.8	3
16	Effect of Coal Blended on the Physical Properties of Iron Ore Briquette for Direct Reduction Iron. Materials Science Forum, 0, 1000, 391-397.	0.3	0