

Hasan Mohd Faizal

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

83
citations

1684188
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1474206
9
g-index

13
all docs

13
docs citations

13
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave induced plasma for solid fuels and waste processing: A review on affecting factors and performance criteria. <i>Waste Management</i> , 2017, 69, 423-430.	7.4	21
2	Carbon dioxide torrefaction of oil palm empty fruit bunches pellets: characterisation and optimisation by response surface methodology. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5881-5900.	4.6	12
3	Simulation of predictive kinetic combustion of single cylinder HCCI engine. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	11
4	Torrefaction of densified empty fruit bunches with addition of plastics waste. <i>Biofuels</i> , 2020, 11, 491-501.	2.4	11
5	Physicochemical, mineralogy, and thermo-kinetic characterisation of newly discovered Nigerian coals under pyrolysis and combustion conditions. <i>International Journal of Coal Science and Technology</i> , 2021, 8, 697-716.	6.0	10
6	Experimental Study on a Compact Methanol Steam Reformer with Pd/Ag Membrane. <i>Journal of Thermal Science and Technology</i> , 2012, 7, 135-150.	1.1	4
7	Characteristics of liquid fuel combustion in a novel miniature vortex combustor. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 1569-1578.	3.6	3
8	Torrefaction of fibrous empty fruit bunch under mild pressurization technique. <i>Renewable Energy</i> , 2022, 194, 349-358.	8.9	3
9	Effect of Feed Flow Rate of Hydrogen Mixture on Hydrogen Permeation for Flat Sheet Pd/Ag Membrane with Stagnating Flow. <i>Journal of Thermal Science and Technology</i> , 2013, 8, 120-135.	1.1	2
10	Experimental study on a methanol auto-thermal reforming for compact reformer. <i>Mechanical Engineering Journal</i> , 2016, 3, 15-00069-15-00069.	0.4	2
11	Non-Premixed Liquid Fuel Air Flame in a Miniature Combustor with Modified Flow Aerodynamics. <i>Smart Science</i> , 2022, 10, 294-300.	3.2	2
12	Numerical simulation of a modified trapped vortex combustor. <i>Journal of Thermal Analysis and Calorimetry</i> , 2023, 148, 3129-3135.	3.6	2
13	Extraction and Characterisation of Natural Fibres from <i>Imperata cylindrica</i> : Morphological, Microstructural, Thermal, and Kinetic Properties. <i>Journal of Natural Fibers</i> , 0, , 1-14.	3.1	0