

Mithun Das

List of Publications by Year in descending order

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15
papers

284
citations

1307366
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all docs

15
docs citations

15
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Different Surface Types of Loading Vessel Wall on Combustion Performance of a Domestic LPG Cook Stove. Lecture Notes in Mechanical Engineering, 2021, , 77-85.	0.3	0
2	Design, Development, and Technological Advancements in Gas Burners for Domestic Cook Stoves: A Review. , 2021, 6, 569-593.		9
3	Performance Improvement of a Domestic Liquefied Petroleum Gas Cook Stove Using an Extended Spill-Tray and an Annular Metal Insert. Journal of Thermal Science and Engineering Applications, 2021, 13, .	0.8	6
4	Performance and Emission Characteristics of Biodieselâ€“Diesel Blend. , 2020, , 202-211.		4
5	Computational Fluid Dynamic Analyses of Flow and Combustion in a Domestic Liquefied Petroleum Gas Cookstove Burnerâ€“Part I: Design Optimization of Mixing Tubeâ€“Burner Assembly. Journal of Thermal Science and Engineering Applications, 2020, 12, .	0.8	7
6	Computational Fluid Dynamic Analyses of Flow and Combustion in a Domestic Liquefied Petroleum Gas Cookstove Burnerâ€“Part II: Burning Characteristics and Overall Performance. Journal of Thermal Science and Engineering Applications, 2020, 12, .	0.8	13
7	Simulation of heat transfer and dissipation in targets used in nuclear astrophysics experiments. Nuclear Instruments & Methods in Physics Research B, 2019, 449, 105-116.	0.6	0
8	Study on viscosity and surface tension properties of biodiesel-diesel blends and their effects on spray parameters for CI engines. Fuel, 2018, 220, 769-779.	3.4	69
9	An experimental study on the combustion, performance and emission characteristics of a diesel engine fuelled with diesel-castor oil biodiesel blends. Renewable Energy, 2018, 119, 174-184.	4.3	108
10	Experimental Studies on Burning Characteristics of Methanol, Diesel, and Sunflower Biodiesel Fuels. Combustion Science and Technology, 2017, 189, 213-230.	1.2	10
11	Analysis of Particle Image Velocimetry Measurements of Natural Convection in an Enclosure Using Proper Orthogonal Decomposition. Journal of Heat Transfer, 2015, 137, .	1.2	3
12	Studies of combustion characteristics of kerosene ethanol blends in an axi-symmetric combustor. Fuel, 2015, 144, 205-213.	3.4	27
13	Experimental Investigation of Breakup of Annular Liquid Sheet in a Hybrid Atomizer. Journal of Propulsion and Power, 2015, 31, 1232-1241.	1.3	20
14	Experimental Investigation of a Hollow Cone Spray Using Laser Diagnostics. Journal of Engineering for Gas Turbines and Power, 2014, 136, .	0.5	3
15	EFFECT OF GEOMETRIC VARIATIONS ON THE SPRAY DYNAMICS OF AN ANNULAR FUEL SHEET IN A HYBRID ATOMIZER. Atomization and Sprays, 2014, 24, 673-694.	0.3	5