

# Mithun Das

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

284  
citations

1307366

7  
h-index

1281743

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

337  
citing authors

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