

# MdAtiqur Rahman

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

325  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel production from microalgae <i>Spirulina maxima</i> by two step process: Optimization of process variable. <i>Journal of Radiation Research and Applied Sciences</i> , 2017, 10, 140-147.	1.2	83
2	Experimental exploration of hydrogen enrichment in a dual fuel CI engine with exhaust gas recirculation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 5400-5409.	7.1	59
3	Pyrolysis of water hyacinth in a fixed bed reactor: Parametric effects on product distribution, characterization and syngas evolutionary behavior. <i>Waste Management</i> , 2018, 80, 310-318.	7.4	35
4	Biodiesel production process optimization from <i>Spirulina maxima</i> microalgae and performance investigation in a diesel engine. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 3025-3033.	1.5	27
5	Design, fabrication and performance test of a fixed bed batch type pyrolysis plant with scrap tire in Bangladesh. <i>Journal of Radiation Research and Applied Sciences</i> , 2018, 11, 311-316.	1.2	22
6	Valorizing of weeds algae through the solar assisted pyrolysis: Effects of dependable parameters on yields and characterization of products. <i>Renewable Energy</i> , 2020, 147, 937-946.	8.9	22
7	Solar pyrolysis of scrap tire: optimization of operating parameters. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1207-1215.	3.0	15
8	Biodiesel from water hyacinth biomass and its influence on CI engine performance, emission, combustion and heat loss characteristics with the induction of hydroxy. <i>Energy</i> , 2021, 224, 120151.	8.8	15
9	Induction of hydrogen, hydroxy, and LPC with ethanol in a common SI engine: a comparison of performance and emission characteristics. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3033-3040.	5.3	13
10	Effect of induction hydroxy and hydrogen along with algal biodiesel blend in a CI engine: a comparison of performance and emission characteristics. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9552-9560.	5.3	12
11	Mitigation of Frequency and Voltage Disruptions in Smart Grid During Cyber-Attack. <i>Journal of Control, Automation and Electrical Systems</i> , 2020, 31, 412-421.	2.0	10
12	Concentrating technologies with reactor integration and effect of process variables on solar assisted pyrolysis: A critical review. <i>Thermal Science and Engineering Progress</i> , 2021, 25, 100957.	2.7	9
13	Indemnity for Frequency Disruption in a Smart Grid during Cyber-Attack. , 2017, , .		2
14	Proportional Integral Resonant Current Controller for Grid Connected Inverter in Distributed Generation System using SVPWM Technic. , 2018, , .		1