

# Mas Fawzi

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

142  
citations

1937685

4  
h-index

1474206

9  
g-index

33  
all docs

33  
docs citations

33  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engine knock detection for a multifuel engine using engine block vibration with statistical approach. MethodsX, 2021, 8, 101583.	1.6	8
2	Experimental analysis of liquid LPG injection on the combustion, performance and emissions in a spark ignition engine. IOP Conference Series: Materials Science and Engineering, 2019, 469, 012033.	0.6	7
3	Predicting the performances of a CAMPRO engine retrofitted with liquefied petroleum gas (LPG) system using 1-dimensional software. MATEC Web of Conferences, 2017, 90, 01074.	0.2	2
4	One dimensional modeling of a diesel-CNG dual fuel engine. AIP Conference Proceedings, 2017, , .	0.4	1
5	Dual fuel injection piggyback controller system. AIP Conference Proceedings, 2017, , .	0.4	0
6	Investigating the influences of liquid LPG injection on spark ignition (SI) engine. MATEC Web of Conferences, 2017, 90, 01075.	0.2	1
7	Thermal Imaging of Flame in Air-assisted Atomizer for Burner System. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012008.	0.6	0
8	A numerical analysis of flat fan aerial crop spray. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012044.	0.6	3
9	Flow Characteristics of Multi-circular Jet Plate in Premix Chamber of Air-Assist Atomizer for Burner System. MATEC Web of Conferences, 2016, 78, 01047.	0.2	0
10	Spray formation of biodiesel-water in air-assisted atomizer using Schlieren photography. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012032.	0.6	4
11	Effect of Calcination Temperature on Morphological and Topography of Nickel-Alumina Thin Film. MATEC Web of Conferences, 2016, 78, 01049.	0.2	0
12	A Prospect of Compressed Natural Gas (CNG)-Diesel Dual Fuel System in Malaysia. Advanced Science Letters, 2016, 22, 2128-2132.	0.2	1
13	A Comparative Study of an Lpg- Spark Ignition Engine using Liquid Sequential Injection Technique. MATEC Web of Conferences, 2016, 78, 01050.	0.2	1
14	Physical Properties of Small Engine Lubrication Oils After 3000 km Mileage Run. Advanced Science Letters, 2016, 22, 2096-2100.	0.2	0
15	Biodiesel production from multi feedstock as feed with direct ultrasound assisted. AIP Conference Proceedings, 2015, , .	0.4	8
16	Application of Injector-Volume Ratio Values in the Development of a Fuel Injection Controller. Applied Mechanics and Materials, 2015, 773-774, 595-599.	0.2	0
17	Study on Spray Characteristics and Spray Droplets Dynamic Behavior of Diesel Engine Fueled by Rapeseed Oil. MATEC Web of Conferences, 2014, 13, 02005.	0.2	0
18	Effect of Air Movement to Spray Development of Rapeseed Oil in Diesel Engine. Applied Mechanics and Materials, 2014, 554, 479-483.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Optimizing the Ignition Timing of a Converted CNG Mono-Gas Engine. Applied Mechanics and Materials, 2014, 554, 474-478.	0.2	0
20	Measurement of Thermophoretic Velocity in Surrounding Gas of Nitrogen or Carbon Dioxide. Applied Mechanics and Materials, 2014, 554, 686-690.	0.2	0
21	Impacts of Biodiesel Storage Duration on Fuel Properties and Emissions. Procedia Engineering, 2013, 68, 225-230.	1.2	60
22	Effect of Gas-Jet Ignition Technique on the Extension of CNG Lean Combustion Limit. Applied Mechanics and Materials, 2013, 315, 288-292.	0.2	5
23	Improvement of Combustion of CNG Engine using CNG Direct Injection and Gas-jet Ignition Method. , 2011, , .		14
24	Numerical Investigation on the Needle-shape of Hollow-Cone Pressure-Swirl Type Gasoline Direct Injector. , 0, , .		2
25	Distribution of Two-Stage Direct Injection CNG-Air Mixture near Lean Limit Using CFD. Applied Mechanics and Materials, 0, 465-466, 448-452.	0.2	0
26	Effect of Pilot Injection on Mixture Formation, Ignition Process and Flame Development in Diesel Combustion. Applied Mechanics and Materials, 0, 390, 327-332.	0.2	1
27	Effect of Preheated Fuel on Mixture Formation of Biodiesel Spray. Applied Mechanics and Materials, 0, 393, 493-498.	0.2	4
28	Effect of Two-Stage Injection Timing on a Gas-Jet Ignition CNG Engine. Applied Mechanics and Materials, 0, 663, 342-346.	0.2	0
29	Experimental Investigation of Emissions Characteristics of Small Diesel Engine Fuelled by Blended Crude Palm Oil. Applied Mechanics and Materials, 0, 660, 462-467.	0.2	0
30	Effects of Biodiesel Derived by Waste Cooking Oil on Fuel Consumption and Performance of Diesel Engine. Applied Mechanics and Materials, 0, 554, 520-525.	0.2	12
31	Effects of Biodiesel on Performance and Emissions Characteristics in Diesel Engine. Applied Mechanics and Materials, 0, 663, 39-43.	0.2	2
32	A Review on Knock Phenomena in CNG-Diesel Dual Fuel System. Applied Mechanics and Materials, 0, 773-774, 550-554.	0.2	5