

Mas Fawzi

List of Publications by Year in descending order

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papers

142
citations

1936888

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33
all docs

33
docs citations

33
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of Biodiesel Storage Duration on Fuel Properties and Emissions. Procedia Engineering, 2013, 68, 225-230.	1.2	60
2	Improvement of Combustion of CNG Engine using CNG Direct Injection and Gas-jet Ignition Method. , 2011, , .		14
3	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
4	Biodiesel production from multi feedstock as feed with direct ultrasound assisted. AIP Conference Proceedings, 2015, , .	0.3	8
5	Engine knock detection for a multifuel engine using engine block vibration with statistical approach. MethodsX, 2021, 8, 101583.	0.7	8
6	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.	0.3	7
7	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
8	A Review on Knock Phenomena in CNG-Diesel Dual Fuel System. Applied Mechanics and Materials, 0, 773-774, 550-554.	0.2	5
9	Effect of Preheated Fuel on Mixture Formation of Biodiesel Spray. Applied Mechanics and Materials, 0, 393, 493-498.	0.2	4
10	Spray formation of biodiesel-water in air-assisted atomizer using Schlieren photography. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012032.	0.3	4
11	A numerical analysis of flat fan aerial crop spray. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012044.	0.3	3
12	Numerical Investigation on the Needle-shape of Hollow-Cone Pressure-Swirl Type Gasoline Direct Injector. , 0, , .		2
13	Effects of Biodiesel on Performance and Emissions Characteristics in Diesel Engine. Applied Mechanics and Materials, 0, 663, 39-43.	0.2	2
14	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.	0.1	2
15	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
16	Effect of Air Movement to Spray Development of Rapeseed Oil in Diesel Engine. Applied Mechanics and Materials, 2014, 554, 479-483.	0.2	1
17	One dimensional modeling of a diesel-CNG dual fuel engine. AIP Conference Proceedings, 2017, , .	0.3	1
18	Investigating the influences of liquid LPG injection on spark ignition (SI) engine. MATEC Web of Conferences, 2017, 90, 01075.	0.1	1

#	ARTICLE	IF	CITATIONS
19	A Prospect of Compressed Natural Gas (CNG)-Diesel Dual Fuel System in Malaysia. <i>Advanced Science Letters</i> , 2016, 22, 2128-2132.	0.2	1
20	A Comparative Study of an Lpg- Spark Ignition Engine using Liquid Sequential Injection Technique. <i>MATEC Web of Conferences</i> , 2016, 78, 01050.	0.1	1
21	Distribution of Two-Stage Direct Injection CNG-Air Mixture near Lean Limit Using CFD. <i>Applied Mechanics and Materials</i> , 0, 465-466, 448-452.	0.2	0
22	Study on Spray Characteristics and Spray Droplets Dynamic Behavior of Diesel Engine Fueled by Rapeseed Oil. <i>MATEC Web of Conferences</i> , 2014, 13, 02005.	0.1	0
23	Effect of Two-Stage Injection Timing on a Gas-Jet Ignition CNG Engine. <i>Applied Mechanics and Materials</i> , 0, 663, 342-346.	0.2	0
24	Experimental Investigation of Emissions Characteristics of Small Diesel Engine Fuelled by Blended Crude Palm Oil. <i>Applied Mechanics and Materials</i> , 0, 660, 462-467.	0.2	0
25	Optimizing the Ignition Timing of a Converted CNG Mono-Gas Engine. <i>Applied Mechanics and Materials</i> , 2014, 554, 474-478.	0.2	0
26	Measurement of Thermophoretic Velocity in Surrounding Gas of Nitrogen or Carbon Dioxide. <i>Applied Mechanics and Materials</i> , 2014, 554, 686-690.	0.2	0
27	Application of Injector-Volume Ratio Values in the Development of a Fuel Injection Controller. <i>Applied Mechanics and Materials</i> , 2015, 773-774, 595-599.	0.2	0
28	Flow Characteristics of Multi-circular Jet Plate in Premix Chamber of Air-Assist Atomizer for Burner System. <i>MATEC Web of Conferences</i> , 2016, 78, 01047.	0.1	0
29	Effect of Calcination Temperature on Morphological and Topography of Nickel-Alumina Thin Film. <i>MATEC Web of Conferences</i> , 2016, 78, 01049.	0.1	0
30	Dual fuel injection piggyback controller system. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
31	Thermal Imaging of Flame in Air-assisted Atomizer for Burner System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 226, 012008.	0.3	0
32	Physical Properties of Small Engine Lubrication Oils After 3000 km Mileage Run. <i>Advanced Science Letters</i> , 2016, 22, 2096-2100.	0.2	0