

Amir Khalid

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impacts of Biodiesel Storage Duration on Fuel Properties and Emissions. <i>Procedia Engineering</i> , 2013, 68, 225-230.	1.2	60
2	Effect of Air Entrainment and Oxygen Concentration on Endothermic and Heat Recovery Process of Diesel Ignition. , 0, , .		54
3	Effect of Ambient Temperature and Oxygen Concentration on Ignition and Combustion Process of Diesel Spray. <i>Asian Journal of Scientific Research</i> , 2013, 6, 434-444.	0.1	54
4	From clay to graphene for polymer nanocompositesâ€™a survey. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	52
5	Interface modification of clay and graphene platelets reinforced epoxy nanocomposites: a comparative study. <i>Journal of Materials Science</i> , 2014, 49, 5856-5865.	3.7	35
6	PERFORMANCE AND EMISSIONS CHARACTERISTICS OF CRUDE JATROPHA OIL BIODIESEL BLENDS IN A DIESEL ENGINE. <i>International Journal of Automotive and Mechanical Engineering</i> , 2015, 11, 2447-2457.	0.9	33
7	CFD Analysis of Thin Film Lubricated Journal Bearing. <i>Procedia Engineering</i> , 2013, 68, 56-62.	1.2	32
8	Performance and Emissions Characteristics of Diesel Engine Fuelled by Biodiesel Derived from Palm Oil. <i>Applied Mechanics and Materials</i> , 0, 315, 517-522.	0.2	29
9	Emissions Characteristics of Small Diesel Engine Fuelled by Waste Cooking Oil. <i>MATEC Web of Conferences</i> , 2014, 13, 06006.	0.2	29
10	Analysis of Mixture Formation and Flame Development of Diesel Combustion Using a Rapid Compression Machine and Optical Visualization Technique. <i>Applied Mechanics and Materials</i> , 2013, 315, 293-298.	0.2	25
11	Effects of Storage Duration on Biodiesel Properties Derived from Waste Cooking Oil. <i>Applied Mechanics and Materials</i> , 0, 554, 494-499.	0.2	25
12	Enhancement of mechanical properties of epoxy/graphene nanocomposite. <i>Journal of Physics: Conference Series</i> , 2017, 914, 012036.	0.4	24
13	Thermal performance evaluation for different type of metal oxide water based nanofluids. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101288.	5.7	24
14	The effects of bolted joints on dynamic response of structures. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 50, 012018.	0.6	20
15	Effect of High Swirl Velocity on Mixture Formation and Combustion Process of Diesel Spray. <i>Applied Mechanics and Materials</i> , 0, 229-231, 695-699.	0.2	19
16	Autoignition behavior and emission of biodiesel from palm oil, waste cooking oil, tyre pyrolysis oil, algae and jatropha. <i>Fuel</i> , 2021, 306, 121695.	6.4	18
17	Effect of Zeta Potential of Stanum Oxide (SnO₂) on Electrophoretic Deposition (EPD) on Porous Alumina. <i>Advanced Materials Research</i> , 0, 795, 334-337.	0.3	17
18	Effect of Biodiesel-water-air Derived from Biodiesel Crude Palm Oil Using Premix Injector and Mixture Formation in Burner Combustion. <i>Energy Procedia</i> , 2017, 111, 877-884.	1.8	17

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19	Influence of Interface on epoxy/clay Nanocomposites: 2. Mechanical and Thermal Dynamic Properties. <i>Procedia Manufacturing</i> , 2015, 2, 23-27.	1.9	16
20	Performance investigation of a small Savoniusâ€Darrius counterâ€rotating verticalâ€axis wind turbine. <i>International Journal of Energy Research</i> , 2020, 44, 9309-9316.	4.5	15
21	A study of ignition delay, combustion process and emissions in a high ambient temperature of diesel combustion. <i>Fuel</i> , 2021, 297, 120706.	6.4	13
22	Numerical Investigation of the Circle Grids Fractal Flow Conditioner for Orifice Plate Flowmeters. <i>Applied Mechanics and Materials</i> , 0, 229-231, 700-704.	0.2	12
23	Effects of Biodiesel Derived by Waste Cooking Oil on Fuel Consumption and Performance of Diesel Engine. <i>Applied Mechanics and Materials</i> , 0, 554, 520-525.	0.2	12
24	Influence of Interface on epoxy/clay Nanocomposites: 1. Morphology Structure. <i>Procedia Manufacturing</i> , 2015, 2, 17-22.	1.9	12
25	The effect of nozzle diameter, injection pressure and ambient temperature on spray characteristics in diesel engine. <i>Journal of Physics: Conference Series</i> , 2017, 822, 012039.	0.4	11
26	Spray Characteristic of Diesel-Water Injector for Burner System. <i>Advanced Materials Research</i> , 0, 845, 66-70.	0.3	10
27	Study of Passive Vibration Absorbers Attached on Beam Structure. <i>Applied Mechanics and Materials</i> , 0, 660, 511-515.	0.2	10
28	Vibration Characteristics of Composite Plate Embedded with Shape Memory Alloy at Elevated Temperature. <i>Applied Mechanics and Materials</i> , 2013, 393, 655-660.	0.2	9
29	The Comparison of Preheat Fuel Characteristics of Biodiesel and Straight Vegetable Oil. <i>Applied Mechanics and Materials</i> , 0, 465-466, 161-166.	0.2	9
30	The potential of biodiesel production from <i>Botryococcus</i> sp. biomass after phycoremediation of domestic and industrial wastewater. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 160, 012048.	0.6	9
31	The effect of 48V mild hybrid technology on fuel consumption of a passenger car by using simulation cycle. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101492.	5.7	9
32	Vibration Attenuation of Plate Using Multiple Vibration Absorbers. <i>MATEC Web of Conferences</i> , 2014, 13, 03003.	0.2	8
33	Wear Characterization of Aluminum Lubricated with Palm Olein at Different Normal Load. <i>Applied Mechanics and Materials</i> , 2014, 554, 401-405.	0.2	8
34	Effects of Temperature and Ambient Pressure on Spray Characteristics of Biodiesel Combustion. <i>Applied Mechanics and Materials</i> , 2015, 773-774, 501-505.	0.2	8
35	Effect of Storage Temperature and Storage Duration on Biodiesel Properties and Characteristics. <i>Applied Mechanics and Materials</i> , 0, 465-466, 316-321.	0.2	7
36	The Application of Multiple Vibration Neutralizers for Vibration Control in Aircraft. <i>Applied Mechanics and Materials</i> , 2014, 629, 191-196.	0.2	7

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37	Structural characterization and mechanical properties of polypropylene reinforced natural fibers. Journal of Physics: Conference Series, 2017, 914, 012035.	0.4	7
38	Experimental Study of Pressure Drop after the Circle Grids Fractal Orifice. Applied Mechanics and Materials, 2013, 390, 111-115.	0.2	6
39	Development of the Premixing Injector in Burner System. Applied Mechanics and Materials, 0, 465-466, 302-307.	0.2	5
40	Circle grid fractal plate as a turbulent generator for premixed flame: an overview. IOP Conference Series: Materials Science and Engineering, 2013, 50, 012050.	0.6	5
41	High-capacity optical wireless communication using 2-dimensional IR beam steering. , 2017, , .		5
42	Flame Spread Behaviour over Combustible Solid of Paper, Bagasse and Paper/Bagasse. MATEC Web of Conferences, 2017, 135, 00012.	0.2	5
43	Flame spread behavior over combustible thick solid of paper, bagasse and mixed paper/bagasse. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012026.	0.6	5
44	Bioremediation of coractive blue dye by using <i>Pseudomonas</i> spp. isolated from the textile dye wastewater. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012062.	0.3	5
45	Effects of ambient temperature and injection pressure on biodiesel ignition delay. Journal of Mechanical Engineering and Sciences, 2017, 11, 2723-2733.	0.6	5
46	Preheated Biodiesel Derived from Vegetable Oil on Performance and Emissions of Diesel Engines: A Review <sup></sup>. Applied Mechanics and Materials, 0, 465-466, 285-290.	0.2	4
47	Effect of Preheated Fuel on Mixture Formation of Biodiesel Spray. Applied Mechanics and Materials, 0, 393, 493-498.	0.2	4
48	Experimental study of circle grid fractal pattern on turbulent intensity in pipe flow. IOP Conference Series: Materials Science and Engineering, 2013, 50, 012014.	0.6	4
49	An Experimental Study on the Performance and Emissions of Diesel Engine Fuelled with Biodiesel Derived from Palm Oil. Applied Mechanics and Materials, 0, 699, 654-659.	0.2	4
50	The Influence of Normal Load in Wear Resistance Characteristic of Palm Fatty Acid Distillate. Applied Mechanics and Materials, 2014, 554, 286-290.	0.2	4
51	Effects of Fuel Additive on Performance and Emissions Characteristics of Diesel Engine Fuelled by Biodiesel Derived from Palm Oil. Applied Mechanics and Materials, 0, 773-774, 491-495.	0.2	4
52	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
53	Numerical solution of Burger's equation based on Lax-Friedrichs and Lax-Wendroff schemes. AIP Conference Proceedings, 2017, , .	0.4	4
54	A Comprehensive Fractal Approach in Determination of the Effective Thermal Conductivity of Gas Diffusion Layers in Polymer Electrolyte Membrane Fuel Cells. Advanced Science Letters, 2017, 23, 4045-4049.	0.2	4

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55	An Effect of Fractal Flow Conditioner Thickness on Turbulent Swirling Flow. Applied Mechanics and Materials, 0, 315, 93-97.	0.2	3
56	CFD Analysis of Circle Grid Fractal Plate Thickness on Turbulent Swirling Flow. Applied Mechanics and Materials, 0, 465-466, 109-113.	0.2	3
57	Overview Effect of Biodiesel Storage on Properties and Characteristics. Applied Mechanics and Materials, 0, 465-466, 260-264.	0.2	3
58	Effects of Palm Oil Biodiesel Blends on the Emissions of Oil Burner. Applied Mechanics and Materials, 0, 315, 956-959.	0.2	3
59	Pressure Drop and Heat Transfer Characteristics of Louvered Fin Heat Exchangers. Applied Mechanics and Materials, 0, 465-466, 500-504.	0.2	3
60	Performance and Emission of a Diesel Engine Fuelled with Preheated Palm Oil Biodiesel under High Load Conditions. Advanced Materials Research, 0, 845, 61-65.	0.3	3
61	Optimizing of Make Up Air Performance for Commercial Kitchen Ventilation Improvement. MATEC Web of Conferences, 2014, 13, 03002.	0.2	3
62	Analysis of Spark Plug Gap on Flame Development using Schlieren Technique and Image Processing. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012044.	0.6	3
63	Influences of Fuel Additive, Crude Palm and Waste Cooking Oil on Emission Characteristics of Small Diesel Engine. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012005.	0.6	3
64	Analysis of the Effect of Injection Pressure on Ignition Delay and Combustion Process of Biodiesel from Palm Oil, Algae and Waste Cooking Oil. Journal of Physics: Conference Series, 2017, 914, 012008.	0.4	3
65	Effects of Fuel and Nozzle Characteristics on Micro Gas Turbine System: A Review. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012006.	0.6	3
66	Theoretical modelling of a beam with attached spring-mass-damper system. MATEC Web of Conferences, 2017, 90, 01030.	0.2	3
67	Influences of the end of injection and ambient. Journal of Mechanical Engineering and Sciences, 2017, 11, 2883-2894.	0.6	3
68	Review of the Investigation of Fuel-Air Premixing and Combustion Process Using Rapid Compression Machine and Direct Visualization System. Applied Mechanics and Materials, 0, 465-466, 265-269.	0.2	2
69	A Review of the Concept of Fuel-Water Internally Rapid Mixing Injector in Burner System. Applied Mechanics and Materials, 0, 465-466, 296-301.	0.2	2
70	Quantitative Mixing Analysis of Laminar Flow in Circle Grid Perforated Plate with 50% Porosity Static Mixer. Applied Mechanics and Materials, 0, 541-542, 836-840.	0.2	2
71	Effect of Mixture Formation of Biodiesel-Water-Air Rapid Mixing Derived from Crude Palm Oil and Waste Cooking Oil in Burner Combustion. Applied Mechanics and Materials, 0, 660, 421-425.	0.2	2
72	An Effect of Fractal Baffles and Impellers with Double Stage 4-Blade Rushton Turbine to Fluid Flow Behaviour in Stirred Tank. Applied Mechanics and Materials, 0, 660, 816-822.	0.2	2

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73	Effects of Biodiesel on Performance and Emissions Characteristics in Diesel Engine. Applied Mechanics and Materials, 0, 663, 39-43.	0.2	2
74	Analysis of Fuel Injection Parameter on Biodiesel and Diesel Spray Characteristics Using Common Rail System. Advanced Materials Research, 2014, 974, 362-366.	0.3	2
75	Effects of Nozzle Shape on the Flow Characteristics of Premix Injector Using Computational Fluid Dynamics (CFD). Applied Mechanics and Materials, 2015, 773-774, 450-454.	0.2	2
76	Theoretical Modelling of Plate with Attached Vibration Absorber. Applied Mechanics and Materials, 2015, 773-774, 33-37.	0.2	2
77	Emission and Performance Characteristic of Biodiesel Burner System: A Review. Applied Mechanics and Materials, 2015, 773-774, 540-544.	0.2	2
78	Review of Performance and Emissions Characteristics of Bio-Additive Fuel on SI Engine Fuelled by Biopetrol. Applied Mechanics and Materials, 2015, 773-774, 430-434.	0.2	2
79	Numerical Analysis of Nozzle Hole Shape to the Spray Characteristics from Premix Injector in Burner System : A Review. Applied Mechanics and Materials, 2015, 773-774, 610-614.	0.2	2
80	Effect of High Injection Pressure of Algae and Jatropha Derived Biodiesel on Ignition Delay and Combustion Process. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012040.	0.6	2
81	Effect of Algae-Derived Biodiesel on Ignition Delay, Combustion Process and Emission. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012031.	0.6	2
82	Effects of Straight and Serpentine Flow Field Designs on Temperature Distribution in Proton Exchange Membrane (PEM) Fuel Cell. MATEC Web of Conferences, 2016, 78, 01116.	0.2	2
83	Study of Mouthguard Design for Endurance and Air-Flow Intake. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012007.	0.6	2
84	Computational Fluid Dynamics Analysis of High Injection Pressure Blended Biodiesel. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012002.	0.6	2
85	Influences of Storage Duration on the Fuel Properties of Biodiesel derived from Jatropha and Waste Cooking Oil. Journal of Physics: Conference Series, 2018, 1049, 012091.	0.4	2
86	Experimental Study on the Performance of a Savonius-Darrius Counter-Rotating Vertical Axis Wind Turbine. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012060.	0.3	2
87	Effects of Storage Duration and Ambient Condition on Jatropha Derived Biodiesel Properties and Characteristic. Journal of Physics: Conference Series, 2019, 1150, 012002.	0.4	2
88	The effect of flow recirculation on abdominal aortic aneurysm. , 2012, , .		1
89	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
90	Performance and Emissions of Preheated Biodiesel on a Compression Ignition (CI) Engines <sup></sup>. Applied Mechanics and Materials, 0, 465-466, 291-295.	0.2	1

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91	Experimental Investigation on Biodiesel-Ethanol-Diesel Blends Operating with a Diesel Engine. Applied Mechanics and Materials, 0, 465-466, 221-225.	0.2	1
92	Simulation of Laminar Mixing in Fractal Perforated Plate Static Mixers. Advanced Materials Research, 0, 845, 31-35.	0.3	1
93	Effect of Air Movement to Spray Development of Rapeseed Oil in Diesel Engine. Applied Mechanics and Materials, 2014, 554, 479-483.	0.2	1
94	Experimental Study of Various Porosity of Fractal Flow Conditioner for Orifice Plate Flowmeters. Applied Mechanics and Materials, 0, 699, 915-920.	0.2	1
95	Gravitational Effect Formulation on In-House Air-Particle Flow Solver. Applied Mechanics and Materials, 0, 660, 699-703.	0.2	1
96	Numerical Study of Circle Fractal Grid Perforated Plate as a Turbulent Generator in Combustion Chamber. Applied Mechanics and Materials, 0, 663, 387-391.	0.2	1
97	The Effects of Storage Duration on Biodiesel Derived from Waste Cooking Oil. Applied Mechanics and Materials, 2014, 660, 386-390.	0.2	1
98	Experimental Study of the Ignition Process and Combustion of Biodiesel-Water-Air Rapid Mixing Derived from Waste Cooking Oil, Crude Palm Oil and Jatropa Oil in Burner Combustion. Applied Mechanics and Materials, 0, 773-774, 530-534.	0.2	1
99	Experimental Investigation on Ethanol-Petrol Blends Operating with a Petrol Engine: An Overview. Applied Mechanics and Materials, 0, 773-774, 465-469.	0.2	1
100	Study on Dynamic Behaviour of Grass Trimmer Using Finite Element Analysis. Applied Mechanics and Materials, 0, 786, 383-387.	0.2	1
101	Study of Vibration Absorbers Using Epoxy Reinforced Natural Fibers. Applied Mechanics and Materials, 0, 786, 174-178.	0.2	1
102	Spray Characteristic of Rapid Mixing Jatropa Oil Biodiesel in Burner System. Applied Mechanics and Materials, 0, 773-774, 496-500.	0.2	1
103	Analysis of Emulsified Renewable Fuel Injector in Burner Combustion: An Overview. Applied Mechanics and Materials, 0, 773-774, 565-569.	0.2	1
104	A Study of Palm Oil-Methanol Mixing in a Stirred Tank Equipped with a Fractal Baffles. Applied Mechanics and Materials, 2015, 736, 39-44.	0.2	1
105	Effect of Nozzle Angle to Combustion Characteristic in Biodiesel Burner. Applied Mechanics and Materials, 2015, 773-774, 585-589.	0.2	1
106	Investigation of Flame Characteristics of Ethanol-Gasoline Blends Combustion Using Constant Volume Chamber. MATEC Web of Conferences, 2016, 78, 01030.	0.2	1
107	Effects of fractal grid on emissions in burner combustion by using fuel-water-air premix injector derived from biodiesel crude palm oil (CPO) base. MATEC Web of Conferences, 2017, 90, 01073.	0.2	1
108	Effects of fractal grid on spray characteristics and flame development in burner combustion. Journal of Physics: Conference Series, 2017, 822, 012046.	0.4	1

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109	Flow visualization of bubble structure in bubble column reactor for fluid mixing. AIP Conference Proceedings, 2017, , .	0.4	1
110	Comparison on Piston Bowl Shape Effect to Diesel Spray Development. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012150.	0.6	1
111	Thread angle dependency on flame spread shape over kenaf/polyester combined fabric. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012027.	0.6	1
112	Comparison on dynamic behavior of diesel spray and rapeseed oil spray in diesel engine. Journal of Physics: Conference Series, 2017, 822, 012058.	0.4	1
113	Investigation of Combustion Process of Biodiesel Derived from Waste Cooking Oil, Jatropha, Palm Oil and Algae using Rapid Compression Machine. Journal of Physics: Conference Series, 2018, 1049, 012090.	0.4	1
114	Indoor and Outdoor Surface-Growing Fungi Contamination at Higher Institutional Buildings in a Malaysian University. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012118.	0.3	1
115	Study of a Simply-Supported Beam with Attached Multiple Vibration Absorbers by Using Finite Element Analysis. Advanced Science Letters, 2017, 23, 3951-3954.	0.2	1
116	Matrix-Based Simulation for Patient-Specific Human Respiratory Air-Particle Flow Analysis. , 2013, , .		0
117	Review of the investigation of mixture formation and combustion process using rapid compression machine and direct visualization system. IOP Conference Series: Materials Science and Engineering, 2013, 50, 012004.	0.6	0
118	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
119	Effect of Two-Stage Injection Timing on a Gas-Jet Ignition CNG Engine. Applied Mechanics and Materials, 0, 663, 342-346.	0.2	0
120	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
121	Experimental Investigation of Mixture Formation and Flame Development Using the Basics Technique of Schlieren Optical Visualization Principle. Applied Mechanics and Materials, 0, 660, 474-478.	0.2	0
122	Mixing Analysis of Laminar Flow in Static Mixers with Circle Grid Fractal Perforated Plate Elements. Applied Mechanics and Materials, 0, 607, 417-421.	0.2	0
123	Optimizing the Ignition Timing of a Converted CNG Mono-Gas Engine. Applied Mechanics and Materials, 2014, 554, 474-478.	0.2	0
124	Pressure Distribution around Mixing Blades in Biodiesel Reactor Using Computational Fluid Dynamics (CFD). Applied Mechanics and Materials, 2014, 554, 381-385.	0.2	0
125	Analysis of Mixture Formation and Flame Development in Biodiesel Burner Combustion Using Direct Optical Visualization Technique . Applied Mechanics and Materials, 2014, 663, 8-12.	0.2	0
126	An Analysis of the Ambient Condition Effect on Biodiesel Spray Using Constant Volume Chamber. Applied Mechanics and Materials, 0, 663, 3-7.	0.2	0

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127	Effects of Ambient Temperature Condition on Biodiesel Properties Derived from Palm Oil. Applied Mechanics and Materials, 2014, 663, 34-38.	0.2	0
128	Measurement of Thermophoretic Velocity in Surrounding Gas of Nitrogen or Carbon Dioxide. Applied Mechanics and Materials, 2014, 554, 686-690.	0.2	0
129	Effect of Biodiesel from Waste Cooking Oil on Mixture Formation and Emission of Burner Combustion. Applied Mechanics and Materials, 2014, 607, 620-624.	0.2	0
130	Influences of Cylinder Wall Temperature on Heat Release during Compression Period. Applied Mechanics and Materials, 0, 660, 431-435.	0.2	0
131	A Review Paper on Simulation and Modeling of Combustion Characteristics under High Ambient and High Injection of Biodiesel Combustion. Applied Mechanics and Materials, 0, 773-774, 580-584.	0.2	0
132	Modeling of Common Rail System and Constant Volume Chamber in Biodiesel Combustion: A Review. Applied Mechanics and Materials, 0, 773-774, 555-559.	0.2	0
133	Application of Schlieren Optical Visualization System in External Combustion and Internal Combustion Engine: A Review. Applied Mechanics and Materials, 2015, 773-774, 535-539.	0.2	0
134	Effect of Porosity on Circle Grid Perforated Plate Performance as a Static Mixer in Laminar Flow. Applied Mechanics and Materials, 0, 786, 188-192.	0.2	0
135	Study of Schlieren Optical Visualization Basics Technique and the Principle. Applied Mechanics and Materials, 0, 773-774, 506-510.	0.2	0
136	Dynamic Behavior of Rapeseed Oil Spray in Diesel Engine. Applied Mechanics and Materials, 2015, 773-774, 520-524.	0.2	0
137	Experimental Investigation of Standard Handling and Storage Duration on Fuel Properties, Appearance, Burning Process and Emissions of Biodegradable Alternative Fuel. Applied Mechanics and Materials, 2015, 773-774, 525-529.	0.2	0
138	The Production and Comparison of Fuel Properties on Biodiesel with Alternative Fuel: A Review. Applied Mechanics and Materials, 2015, 773-774, 560-564.	0.2	0
139	The Storage Effect on Fuel Properties and Emission for Variety Biodiesel Blends. Applied Mechanics and Materials, 0, 773-774, 455-459.	0.2	0
140	Effects of Nozzle Diameter on the Spray Characteristics of Premix Injector in Burner System. Applied Mechanics and Materials, 2015, 773-774, 570-574.	0.2	0
141	The Effect of Storage Container and Light Exposure on Biodiesel Characteristics Derived by Crude Palm Oil. Applied Mechanics and Materials, 2015, 773-774, 486-490.	0.2	0
142	CFD Analysis of Industrial Multi-Stage Impeller in Stirred Tank with Fractal Pattern Baffled and Impeller. Applied Mechanics and Materials, 0, 773-774, 337-342.	0.2	0
143	Study on Spray Characteristics of Biodiesel using a Rapid Compression Machine. Applied Mechanics and Materials, 2015, 773-774, 590-594.	0.2	0
144	Effect of Variant End of Injection Period on Combustion Process of Biodiesel Combustion. MATEC Web of Conferences, 2016, 78, 01029.	0.2	0

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145	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
146	Effects of Biofuel and Variant Ambient Pressure on Flame Development and Emissions of Gasoline Engine.. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012043.	0.6	0
147	Ambient Air Synthesis of Hole Transport Layer Free $\text{CH}_3\text{NH}_3\text{PbI}_3$ Solar Cells. Materials Science Forum, 2016, 864, 149-153.	0.3	0
148	The effect of orifice diameter in constant volume chamber to spray characteristics in diesel engine using computational fluid dynamic. MATEC Web of Conferences, 2017, 90, 01068.	0.2	0
149	Experiment on the Effects of Storage Duration of Biodiesel produced from Crude Palm Oil, Waste Cooking oil and Jatropha. Journal of Physics: Conference Series, 2017, 914, 012007.	0.4	0
150	Analysis of high injection pressure and ambient temperature on biodiesel spray characteristics using computational fluid dynamics. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012049.	0.6	0
151	Thermal Imaging of Flame in Air-assisted Atomizer for Burner System. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012008.	0.6	0
152	Performance measurement of a new concept reciprocating piston expander (RPE) using a newly developed small-scale dynamometer unit. MATEC Web of Conferences, 2017, 135, 00015.	0.2	0
153	Numerical study of canister filters with alternatives filter cap configurations. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012040.	0.6	0
154	Spray and Combustion Characteristics of a Novel Multi-circular Jet Plate in Air-assisted Atomizer. MATEC Web of Conferences, 2017, 135, 00010.	0.2	0
155	Simulation of Biodiesel Sprays under High Ambient Temperature using Computational Fluid Dynamics. Journal of Physics: Conference Series, 2019, 1150, 012063.	0.4	0
156	Development of energy efficiency estimation system (EEES) by using quality function deployment approach. AIP Conference Proceedings, 2021, , .	0.4	0