

# Amir Khalid

## List of Publications by Year in descending order

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papers

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157  
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157  
docs citations

157  
times ranked

676  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of energy efficiency estimation system (EEES) by using quality function deployment approach. AIP Conference Proceedings, 2021, , .	0.4	0
2	A study of ignition delay, combustion process and emissions in a high ambient temperature of diesel combustion. Fuel, 2021, 297, 120706.	6.4	13
3	Thermal performance evaluation for different type of metal oxide water based nanofluids. Case Studies in Thermal Engineering, 2021, 27, 101288.	5.7	24
4	The effect of 48V mild hybrid technology on fuel consumption of a passenger car by using simulation cycle. Case Studies in Thermal Engineering, 2021, 28, 101492.	5.7	9
5	Autoignition behavior and emission of biodiesel from palm oil, waste cooking oil, tyre pyrolysis oil, algae and jatropha. Fuel, 2021, 306, 121695.	6.4	18
6	Performance investigation of a small Savonius-Darrius counter-rotating vertical-axis wind turbine. International Journal of Energy Research, 2020, 44, 9309-9316.	4.5	15
7	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
8	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
9	Simulation of Biodiesel Sprays under High Ambient Temperature using Computational Fluid Dynamics. Journal of Physics: Conference Series, 2019, 1150, 012063.	0.4	0
10	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
11	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
12	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
13	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
14	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
15	Effects of fractal grid on spray characteristics and flame development in burner combustion. Journal of Physics: Conference Series, 2017, 822, 012046.	0.4	1
16	Flow visualization of bubble structure in bubble column reactor for fluid mixing. AIP Conference Proceedings, 2017, , .	0.4	1
17	Effect of Biodiesel-water-air Derived from Biodiesel Crude Palm Oil Using Premix Injector and Mixture Formation in Burner Combustion. Energy Procedia, 2017, 111, 877-884.	1.8	17
18	Numerical solution of Burger's equation based on Lax-Friedrichs and Lax-Wendroff schemes. AIP Conference Proceedings, 2017, , .	0.4	4

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19	The effect of nozzle diameter, injection pressure and ambient temperature on spray characteristics in diesel engine. Journal of Physics: Conference Series, 2017, 822, 012039.	0.4	11
20	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
21	Comparison on Piston Bowl Shape Effect to Diesel Spray Development. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012150.	0.6	1
22	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
23	Enhancement of mechanical properties of epoxy/graphene nanocomposite. Journal of Physics: Conference Series, 2017, 914, 012036.	0.4	24
24	High-capacity optical wireless communication using 2-dimensional IR beam steering. , 2017, , .		5
25	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
26	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
27	Structural characterization and mechanical properties of polypropylene reinforced natural fibers. Journal of Physics: Conference Series, 2017, 914, 012035.	0.4	7
28	Flame Spread Behaviour over Combustible Solid of Paper, Bagasse and Paper/Bagasse. MATEC Web of Conferences, 2017, 135, 00012.	0.2	5
29	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
30	Study of Mouthguard Design for Endurance and Air-Flow Intake. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012007.	0.6	2
31	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
32	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
33	Thermal Imaging of Flame in Air-assisted Atomizer for Burner System. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012008.	0.6	0
34	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
35	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
36	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

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37	Computational Fluid Dynamics Analysis of High Injection Pressure Blended Biodiesel. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012002.	0.6	2
38	Numerical study of canister filters with alternatives filter cap configurations. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012040.	0.6	0
39	Theoretical modelling of a beam with attached spring-mass-damper system. MATEC Web of Conferences, 2017, 90, 01030.	0.2	3
40	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
41	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
42	Effects of ambient temperature and injection pressure on biodiesel ignition delay. Journal of Mechanical Engineering and Sciences, 2017, 11, 2723-2733.	0.6	5
43	Influences of the end of injection and ambient. Journal of Mechanical Engineering and Sciences, 2017, 11, 2883-2894.	0.6	3
44	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
45	Effect of Variant End of Injection Period on Combustion Process of Biodiesel Combustion. MATEC Web of Conferences, 2016, 78, 01029.	0.2	0
46	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
47	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
48	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
49	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
50	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
51	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
52	Investigation of Flame Characteristics of Ethanol-Gasoline Blends Combustion Using Constant Volume Chamber. MATEC Web of Conferences, 2016, 78, 01030.	0.2	1
53	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
54	Ambient Air Synthesis of Hole Transport Layer Free CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Solar Cells. Materials Science Forum, 2016, 864, 149-153.	0.3	0

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55	The potential of biodiesel production from Botryococcus sp. biomass after phycoremediation of domestic and industrial wastewater. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012048.	0.6	9
56	Influence of Interface on epoxy/clay Nanocomposites: 2. Mechanical and Thermal Dynamic Properties. Procedia Manufacturing, 2015, 2, 23-27.	1.9	16
57	Influence of Interface on epoxy/clay Nanocomposites: 1. Morphology Structure. Procedia Manufacturing, 2015, 2, 17-22.	1.9	12
58	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
59	Effects of Temperature and Ambient Pressure on Spray Characteristics of Biodiesel Combustion. Applied Mechanics and Materials, 2015, 773-774, 501-505.	0.2	8
60	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
61	Theoretical Modelling of Plate with Attached Vibration Absorber. Applied Mechanics and Materials, 2015, 773-774, 33-37.	0.2	2
62	Dynamic Behavior of Rapeseed Oil Spray in Diesel Engine. Applied Mechanics and Materials, 2015, 773-774, 520-524.	0.2	0
63	Emission and Performance Characteristic of Biodiesel Burner System: A Review. Applied Mechanics and Materials, 2015, 773-774, 540-544.	0.2	2
64	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
65	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
66	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
67	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
68	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
69	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
70	Study on Spray Characteristics of Biodiesel using a Rapid Compression Machine. Applied Mechanics and Materials, 2015, 773-774, 590-594.	0.2	0
71	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
72	Effect of Nozzle Angle to Combustion Characteristic in Biodiesel Burner. Applied Mechanics and Materials, 2015, 773-774, 585-589.	0.2	1

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73	PERFORMANCE AND EMISSIONS CHARACTERISTICS OF CRUDE JATROPHA OIL BIODIESEL BLENDS IN A DIESEL ENGINE. International Journal of Automotive and Mechanical Engineering, 2015, 11, 2447-2457.	0.9	33
74	Vibration Attenuation of Plate Using Multiple Vibration Absorbers. MATEC Web of Conferences, 2014, 13, 03003.	0.2	8
75	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
76	Effect of Air Movement to Spray Development of Rapeseed Oil in Diesel Engine. Applied Mechanics and Materials, 2014, 554, 479-483.	0.2	1
77	Wear Characterization of Aluminum Lubricated with Palm Olein at Different Normal Load. Applied Mechanics and Materials, 2014, 554, 401-405.	0.2	8
78	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
79	Optimizing the Ignition Timing of a Converted CNG Mono-Gas Engine. Applied Mechanics and Materials, 2014, 554, 474-478.	0.2	0
80	Pressure Distribution around Mixing Blades in Biodiesel Reactor Using Computational Fluid Dynamics (CFD). Applied Mechanics and Materials, 2014, 554, 381-385.	0.2	0
81	Analysis of Mixture Formation and Flame Development in Biodiesel Burner Combustion Using Direct Optical Visualization Technique <sup></sup>. Applied Mechanics and Materials, 2014, 663, 8-12.	0.2	0
82	Effects of Ambient Temperature Condition on Biodiesel Properties Derived from Palm Oil. Applied Mechanics and Materials, 2014, 663, 34-38.	0.2	0
83	Measurement of Thermophoretic Velocity in Surrounding Gas of Nitrogen or Carbon Dioxide. Applied Mechanics and Materials, 2014, 554, 686-690.	0.2	0
84	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
85	The Effects of Storage Duration on Biodiesel Derived from Waste Cooking Oil. Applied Mechanics and Materials, 2014, 660, 386-390.	0.2	1
86	The Application of Multiple Vibration Neutralizers for Vibration Control in Aircraft. Applied Mechanics and Materials, 2014, 629, 191-196.	0.2	7
87	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
88	From clay to graphene for polymer nanocompositesâ€™a survey. Journal of Polymer Research, 2014, 21, 1.	2.4	52
89	Interface modification of clay and graphene platelets reinforced epoxy nanocomposites: a comparative study. Journal of Materials Science, 2014, 49, 5856-5865.	3.7	35
90	Emissions Characteristics of Small Diesel Engine Fuelled by Waste Cooking Oil. MATEC Web of Conferences, 2014, 13, 06006.	0.2	29

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91	Optimizing of Make Up Air Performance for Commercial Kitchen Ventilation Improvement. MATEC Web of Conferences, 2014, 13, 03002.	0.2	3
92	Impacts of Biodiesel Storage Duration on Fuel Properties and Emissions. Procedia Engineering, 2013, 68, 225-230.	1.2	60
93	CFD Analysis of Thin Film Lubricated Journal Bearing. Procedia Engineering, 2013, 68, 56-62.	1.2	32
94	The effects of bolted joints on dynamic response of structures. IOP Conference Series: Materials Science and Engineering, 2013, 50, 012018.	0.6	20
95	Experimental Study of Pressure Drop after the Circle Grids Fractal Orifice. Applied Mechanics and Materials, 2013, 390, 111-115.	0.2	6
96	Vibration Characteristics of Composite Plate Embedded with Shape Memory Alloy at Elevated Temperature. Applied Mechanics and Materials, 2013, 393, 655-660.	0.2	9
97	Analysis of Mixture Formation and Flame Development of Diesel Combustion Using a Rapid Compression Machine and Optical Visualization Technique. Applied Mechanics and Materials, 2013, 315, 293-298.	0.2	25
98	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
99	Matrix-Based Simulation for Patient-Specific Human Respiratory Air-Particle Flow Analysis. , 2013, , .		0
100	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
101	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
102	Effect of Ambient Temperature and Oxygen Concentration on Ignition and Combustion Process of Diesel Spray. Asian Journal of Scientific Research, 2013, 6, 434-444.	0.1	54
103	The effect of flow recirculation on abdominal aortic aneurysm. , 2012, , .		1
104	Effect of Air Entrainment and Oxygen Concentration on Endothermic and Heat Recovery Process of Diesel Ignition. , 0, , .		54
105	Effect of High Swirl Velocity on Mixture Formation and Combustion Process of Diesel Spray. Applied Mechanics and Materials, 0, 229-231, 695-699.	0.2	19
106	Numerical Investigation of the Circle Grids Fractal Flow Conditioner for Orifice Plate Flowmeters. Applied Mechanics and Materials, 0, 229-231, 700-704.	0.2	12
107	Spray Characteristic of Diesel-Water Injector for Burner System. Advanced Materials Research, 0, 845, 66-70.	0.3	10
108	Development of the Premixing Injector in Burner System. Applied Mechanics and Materials, 0, 465-466, 302-307.	0.2	5

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109	Effect of Storage Temperature and Storage Duration on Biodiesel Properties and Characteristics. Applied Mechanics and Materials, 0, 465-466, 316-321.	0.2	7
110	An Effect of Fractal Flow Conditioner Thickness on Turbulent Swirling Flow. Applied Mechanics and Materials, 0, 315, 93-97.	0.2	3
111	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
112	Performance and Emissions of Preheated Biodiesel on a Compression Ignition (CI) Engines &lt;sup&gt;&lt;/sup&gt;. Applied Mechanics and Materials, 0, 465-466, 291-295.	0.2	1
113	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
114	Preheated Biodiesel Derived from Vegetable Oil on Performance and Emissions of Diesel Engines: A Review &lt;sup&gt;&lt;/sup&gt;. Applied Mechanics and Materials, 0, 465-466, 285-290.	0.2	4
115	The Comparison of Preheat Fuel Characteristics of Biodiesel and Straight Vegetable Oil. Applied Mechanics and Materials, 0, 465-466, 161-166.	0.2	9
116	Performance and Emissions Characteristics of Diesel Engine Fuelled by Biodiesel Derived from Palm Oil. Applied Mechanics and Materials, 0, 315, 517-522.	0.2	29
117	Effect of Preheated Fuel on Mixture Formation of Biodiesel Spray. Applied Mechanics and Materials, 0, 393, 493-498.	0.2	4
118	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
119	Experimental Investigation on Biodiesel-Ethanol-Diesel Blends Operating with a Diesel Engine. Applied Mechanics and Materials, 0, 465-466, 221-225.	0.2	1
120	CFD Analysis of Circle Grid Fractal Plate Thickness on Turbulent Swirling Flow. Applied Mechanics and Materials, 0, 465-466, 109-113.	0.2	3
121	Overview Effect of Biodiesel Storage on Properties and Characteristics. Applied Mechanics and Materials, 0, 465-466, 260-264.	0.2	3
122	Effects of Palm Oil Biodiesel Blends on the Emissions of Oil Burner. Applied Mechanics and Materials, 0, 315, 956-959.	0.2	3
123	Pressure Drop and Heat Transfer Characteristics of Louvered Fin Heat Exchangers. Applied Mechanics and Materials, 0, 465-466, 500-504.	0.2	3
124	Effect of Zeta Potential of Stanum Oxide (SnO&lt;sub&gt;2&lt;/sub&gt;) on Electrophoretic Deposition (EPD) on Porous Alumina. Advanced Materials Research, 0, 795, 334-337.	0.3	17
125	Simulation of Laminar Mixing in Fractal Perforated Plate Static Mixers. Advanced Materials Research, 0, 845, 31-35.	0.3	1
126	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



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127	Effect of Two-Stage Injection Timing on a Gas-Jet Ignition CNG Engine. Applied Mechanics and Materials, 0, 663, 342-346.	0.2	0
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	Experimental Study of Various Porosity of Fractal Flow Conditioner for Orifice Plate Flowmeters. Applied Mechanics and Materials, 0, 699, 915-920.	0.2	1
136	Gravitational Effect Formulation on In-House Air-Particle Flow Solver. Applied Mechanics and Materials, 0, 660, 699-703.	0.2	1
137	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
138	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
139	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
140	Effects of Biodiesel on Performance and Emissions Characteristics in Diesel Engine. Applied Mechanics and Materials, 0, 663, 39-43.	0.2	2
141	Effects of Storage Duration on Biodiesel Properties Derived from Waste Cooking Oil. Applied Mechanics and Materials, 0, 554, 494-499.	0.2	25
142	Study of Passive Vibration Absorbers Attached on Beam Structure. Applied Mechanics and Materials, 0, 660, 511-515.	0.2	10
143	Influences of Cylinder Wall Temperature on Heat Release during Compression Period. Applied Mechanics and Materials, 0, 660, 431-435.	0.2	0
144	Experimental Study of the Ignition Process and Combustion of Biodiesel-Water-Air Rapid Mixing Derived from Waste Cooking Oil, Crude Palm Oil and Jatropha Oil in Burner Combustion. Applied Mechanics and Materials, 0, 773-774, 530-534.	0.2	1

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145	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
146	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
147	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
148	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
149	Study on Dynamic Behaviour of Grass Trimmer Using Finite Element Analysis. Applied Mechanics and Materials, 0, 786, 383-387.	0.2	1
150	Study of Vibration Absorbers Using Epoxy Reinforced Natural Fibers. Applied Mechanics and Materials, 0, 786, 174-178.	0.2	1
151	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
152	Study of Schlieren Optical Visualization Basics Technique and the Principle. Applied Mechanics and Materials, 0, 773-774, 506-510.	0.2	0
153	Spray Characteristic of Rapid Mixing Jatropha Oil Biodiesel in Burner System. Applied Mechanics and Materials, 0, 773-774, 496-500.	0.2	1
154	Analysis of Emulsified Renewable Fuel Injector in Burner Combustion: An Overview. Applied Mechanics and Materials, 0, 773-774, 565-569.	0.2	1
155	The Storage Effect on Fuel Properties and Emission for Variety Biodiesel Blends. Applied Mechanics and Materials, 0, 773-774, 455-459.	0.2	0
156	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