Mohammad Abul Kalam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4554976/publications.pdf

Version: 2024-02-01

283 papers	18,710 citations	8208 78 h-index	19470 122 g-index
286 all docs	286 docs citations	286 times ranked	10792 citing authors

#	Article	IF	Citations
1	Experimental investigation of performance, emissions and tribological characteristics of B20 blend from cottonseed and palm oil biodiesels. Energy, 2022, 239, 121894.	4.5	23
2	Effect of biodiesel-dimethyl carbonate blends on engine performance, combustion and emission characteristics. AEJ - Alexandria Engineering Journal, 2022, 61, 5111-5121.	3.4	20
3	Effect of Injection Parameters on the Performance of Compression Ignition Engine Powered with Jamun Seed and Cashew Nutshell B20 Biodiesel Blends. Sustainability, 2022, 14, 4642.	1.6	2
4	A Comparison of Performance, Emissions, and Lube Oil Deterioration for Gasolineâ€“Ethanol Fuel. Processes, 2022, 10, 876.	1.3	3
5	Heterogeneous Catalyzed Biodiesel Production Using Cosolvent: A Mini Review. Sustainability, 2022, 14, 5062.	1.6	5
6	Response Surface Methodology and Artificial Neural Networks-Based Yield Optimization of Biodiesel Sourced from Mixture of Palm and Cotton Seed Oil. Sustainability, 2022, 14, 6130.	1.6	13
7	Effect of alcoholic and nano-particles additives on tribological properties of dieselâ€“palmâ€“sesameâ€“biodiesel blends. Energy Reports, 2021, 7, 1162-1171.	2.5	45
8	Effect of Thermal Barrier Coating on the Performance and Emissions of Diesel Engine Operated with Conventional Diesel and Palm Oil Biodiesel. Coatings, 2021, 11, 692.	1.2	12
9	A Study on the Corrosion Characteristics of Internal Combustion Engine Materials in Second-Generation Jatropha Curcas Biodiesel. Energies, 2021, 14, 4352.	1.6	5
10	Comparative Studies of Piston Crown Coating with YSZ and Al2O3Â·SiO2 on Engine out Responses Using Conventional Diesel and Palm Oil Biodiesel. Coatings, 2021, 11, 885.	1.2	4
11	Artificial Neural Network Led Optimization of Oxyhydrogen Hybridized Diesel Operated Engine. Sustainability, 2021, 13, 9373.	1.6	6
12	Effect of palm-sesame biodiesel fuels with alcoholic and nanoparticle additives on tribological characteristics of lubricating oil by four ball tribo-tester. AEJ - Alexandria Engineering Journal, 2021, 60, 4537-4546.	3.4	39
13	Effect of primary and secondary alcohols as oxygenated additives on the performance and emission characteristics of diesel engine. Energy Reports, 2021, 7, 1116-1124.	2.5	40
14	RSM and Artificial Neural Networking based production optimization of sustainable Cotton bio-lubricant and evaluation of its lubricity & tribological properties. Energy Reports, 2021, 7, 830-839.	2.5	19
15	Development of empirical correlations for density and viscosity estimation of ternary biodiesel blends. Renewable Energy, 2021, 179, 1447-1457.	4.3	31
16	Production and utilization aspects of waste cooking oil based biodiesel in Pakistan. AEJ - Alexandria Engineering Journal, 2021, 60, 5831-5849.	3.4	34
17	Friction and Wear Performance Evaluation of Bio-Lubricants and DLC Coatings on Cam/Tappet Interface of Internal Combustion Engines. Materials, 2021, 14, 7206.	1.3	5
18	Tribological Improvement Using Ionic Liquids as Additives in Synthetic and Bio-Based Lubricants for Steelâ€“Steel Contacts. Tribology Transactions, 2020, 63, 235-250.	1.1	17

#	Article	IF	Citations
19	A Review: Role of Fatty Acids Composition in Characterizing Potential Feedstock for Sustainable Green Lubricants by Advance Transesterification Process and its Global as Well as Pakistani Prospective. Bioenergy Research, 2020, 13, 1-22.	2.2	32
20	An investigation on the influence of aluminium oxide nano-additive and honge oil methyl ester on engine performance, combustion and emission characteristics. Renewable Energy, 2020, 146, 2291-2307.	4.3	140
21	Thermal analyses of minichannels and use of mathematical and numerical models. Numerical Heat Transfer; Part A: Applications, 2020, 77, 497-537.	1.2	43
22	Critical review on sesame seed oil and its methyl ester on cold flow and oxidation stability. Energy Reports, 2020, 6, 40-54.	2.5	74
23	Multi-objective-optimization of process parameters of industrial-gas-turbine fueled with natural gas by using Grey-Taguchi and ANN methods for better performance. Energy Reports, 2020, 6, 2394-2402.	2.5	19
24	Modeling Viscosity and Density of Ethanol-Diesel-Biodiesel Ternary Blends for Sustainable Environment. Sustainability, 2020, 12, 5186.	1.6	81
25	Effect of Additivized Biodiesel Blends on Diesel Engine Performance, Emission, Tribological Characteristics, and Lubricant Tribology. Energies, 2020, 13, 3375.	1.6	64
26	Ultrasound-assisted process optimization and tribological characteristics of biodiesel from palm-sesame oil via response surface methodology and extreme learning machine - Cuckoo search. Renewable Energy, 2020, 158, 202-214.	4.3	93
27	Comparative study of nanoparticles and alcoholic fuel additives-biodiesel-diesel blend for performance and emission improvements. Fuel, 2020, 279, 118434.	3.4	136
28	Effect of TMP-based-cottonseed oil-biolubricant blends on tribological behavior of cylinder liner-piston ring combinations. Fuel, 2020, 278, 118242.	3.4	41
29	Compatibility of Ionic Liquid With Glycerol Monooleate and Molybdenum Dithiocarbamate as Additives in Bio-Based Lubricant. Journal of Tribology, 2020, 142, .	1.0	4
30	Study on the Friction and Wear Characteristics of Bio-lubricant Synthesized from Second Generation Jatropha Methyl Ester. Tribology in Industry, 2020, 42, 41-49.	0.5	6
31	Experimental investigation of tribological properties of laser textured tungsten doped diamond like carbon coating under dry sliding conditions at various loads. Materials Research Express, 2019, 6, 106444.	0.8	6
32	Production of honge oil methyl ester (HOME) and its performance test on four stroke single cylinder VCR engine. AIP Conference Proceedings, 2019, , .	0.3	7
33	The effects of graphene oxide nanoparticle additive stably dispersed in dairy scum oil biodiesel-diesel fuel blend on CI engine: performance, emission and combustion characteristics. Fuel, 2019, 257, 116015.	3.4	152
34	Impact of two-stage injection fuel quantity on engine-out responses of a common-rail diesel engine fueled with coconut oil methyl esters-diesel fuel blends. Renewable Energy, 2019, 139, 515-529.	4.3	11
35	Wear characteristics of patterned and un-patterned tetrahedral amorphous carbon film in the presence of synthetic and bio based lubricants. Materials Research Express, 2019, 6, 036414.	0.8	2
36	Investigation on particulate emissions and combustion characteristics of a common-rail diesel engine fueled with Moringa oleifera biodiesel-diesel blends. Renewable Energy, 2019, 136, 521-534.	4.3	41

#	Article	IF	Citations
37	Tribological Properties of Steel/Steel, Steel/DLC and DLC/DLC Contacts in the Presence of Biodegradable Oil. Journal of the Japan Petroleum Institute, 2019, 62, 11-18.	0.4	3
38	Production optimization and tribological characteristics of cottonseed oil methyl ester. Journal of Cleaner Production, 2019, 209, 62-73.	4.6	22
39	Effect of Calophyllum Inophyllum biodiesel-diesel blends on combustion, performance, exhaust particulate matter and gaseous emissions in a multi-cylinder diesel engine. Fuel, 2018, 227, 154-164.	3.4	64
40	The effect of particle size on the dispersion and wear protection ability of MoS₂ particles in polyalphaolefin and trimethylolpropane ester. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 987-998.	1.0	7
41	Comparative corrosion characteristics of automotive materials in Jatropha biodiesel. International Journal of Green Energy, 2018, 15, 393-399.	2.1	14
42	Influence of injection timing and split injection strategies on performance, emissions, and combustion characteristics of diesel engine fueled with biodiesel blended fuels. Fuel, 2018, 213, 106-114.	3.4	170
43	Tribological compatibility analysis of conventional lubricant additives with palm trimethylolpropane ester (TMP) and tetrahedral amorphous diamond-like carbon coating (ta-C). Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2018, 232, 999-1013.	1.0	1
44	Tribological performance of DLC/DLC and steel/DLC contacts in the presence of additivated oil. International Journal of Surface Science and Engineering, 2018, 12, 60.	0.4	4
45	The effect of nano-additives in diesel-biodiesel fuel blends: A comprehensive review on stability, engine performance and emission characteristics. Energy Conversion and Management, 2018, 178, 146-177.	4.4	362
46	The impact of surveillance and control on highly pathogenic avian influenza outbreaks in poultry in Dhaka division, Bangladesh. PLoS Computational Biology, 2018, 14, e1006439.	1.5	17
47	The Study on the Effect of the Piston Shapes through Biodiesel Mixture Combustion in Diesel Engine. E3S Web of Conferences, 2018, 53, 03022.	0.2	2
48	Tribological characteristics comparison of formulated palm trimethylolpropane ester and polyalphaolefin for cam/tappet interface of direct acting valve train system. Industrial Lubrication and Tribology, 2018, 70, 888-901.	0.6	9
49	Effect of two-stage injection dwell angle on engine combustion and performance characteristics of a common-rail diesel engine fueled with coconut oil methyl esters-diesel fuel blends. Fuel, 2018, 234, 227-237.	3.4	14
50	Dispersion Stability and Tribological Characteristics of TiO₂/SiO₂ Nanocomposite-Enriched Biobased Lubricant. Tribology Transactions, 2017, 60, 670-680.	1.1	47
51	Effect of operating parameters and chemical treatment on the tribological performance of natural fiber composites: A review. Particulate Science and Technology, 2017, 35, 512-524.	1.1	11
52	Influences of thermal stability, and lubrication performance of biodegradable oil as an engine oil for improving the efficiency of heavy duty diesel engine. Fuel, 2017, 196, 36-46.	3.4	46
53	Quality improvement of biodiesel blends using different promising fuel additives to reduce fuel consumption and NO emission from CI engine. Energy Conversion and Management, 2017, 138, 327-337.	4.4	47
54	Chemically active oil filter to develop detergent free bio-based lubrication for diesel engine. Energy, 2017, 124, 413-422.	4.5	6

#	Article	IF	Citations
55	Effect of gasolineâ€“bioethanol blends on the properties and lubrication characteristics of commercial engine oil. RSC Advances, 2017, 7, 15005-15019.	1.7	53
56	Attempts to minimize nitrogen oxide emission from diesel engine by using antioxidant-treated diesel-biodiesel blend. Environmental Science and Pollution Research, 2017, 24, 9305-9313.	2.7	17
57	Investigation of laser texture density and diameter on the tribological behavior of hydrogenated DLC coating with line contact configuration. Surface and Coatings Technology, 2017, 322, 31-37.	2.2	19
58	Investigation of the tribochemical interactions of a tungsten-doped diamond-like carbon coating (W-DLC) with formulated palm trimethylolpropane ester (TMP) and polyalphaolefin (PAO). RSC Advances, 2017, 7, 26513-26531.	1.7	15
59	Influence of polymethyl acrylate additive on the formation of particulate matter and NOX emission of a biodieselâ€“diesel-fueled engine. Environmental Science and Pollution Research, 2017, 24, 18479-18493.	2.7	8
60	Tribological properties of hydrogen free DLC in self-mated contacts against ZDDP-added oil. Industrial Lubrication and Tribology, 2017, 69, 938-944.	0.6	2
61	Performance and emission characteristics of a spark ignition engine fuelled with butanol isomer-gasoline blends. Transportation Research, Part D: Transport and Environment, 2017, 57, 23-38.	3.2	46
62	A review on bio-based lubricants and their applications. Journal of Cleaner Production, 2017, 168, 997-1016.	4.6	239
63	Evaluating combustion, performance and emission characteristics of Millettia pinnata and Croton megalocarpus biodiesel blends in a diesel engine. Energy, 2017, 141, 2362-2376.	4.5	28
64	Influence of poly(methyl acrylate) additive on cold flow properties of coconut biodiesel blends and exhaust gas emissions. Renewable Energy, 2017, 101, 702-712.	4.3	44
65	Experimental assessment of non-edible candlenut biodiesel and its blend characteristics as diesel engine fuel. Environmental Science and Pollution Research, 2017, 24, 2350-2363.	2.7	27
66	A Review on Effects of Lubricant Formulations on Tribological Performance and Boundary Lubrication Mechanisms of Non-Doped DLC/DLC Contacts. Critical Reviews in Solid State and Materials Sciences, 2017, 42, 267-294.	6.8	27
67	Evaluation of oxygenated n-butanol-biodiesel blends along with ethyl hexyl nitrate as cetane improver on diesel engine attributes. Journal of Cleaner Production, 2017, 141, 928-939.	4.6	49
68	Assessment of Physical, Chemical, and Tribological Properties of Different Biodiesel Fuels. , 2017, , 441-463.		11
69	Evaluation of humidity sensing properties of TMBHPET thin film embedded with spinel cobalt ferrite nanoparticles. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	22
70	Study of the oxidation stability and exhaust emission analysis of Moringa olifera biodiesel in a multi-cylinder diesel engine with aromatic amine antioxidants. Renewable Energy, 2016, 94, 294-303.	4.3	47
71	Property development of fatty acid methyl ester from waste coconut oil as engine fuel. Industrial Crops and Products, 2016, 87, 333-339.	2.5	13
72	Effect of change in temperature on the tribological performance of micro surface textured DLC coating. Journal of Materials Research, 2016, 31, 1837-1847.	1.2	16

#	Article	IF	Citations
73	A comparative study of C4 and C5 alcohol treated dieselâ€“biodiesel blends in terms of diesel engine performance and exhaust emission. Fuel, 2016, 179, 281-288.	3.4	68
74	Optimization of performance, emission, friction and wear characteristics of palm and Calophyllum inophyllum biodiesel blends. Energy Conversion and Management, 2016, 118, 119-134.	4.4	90
75	Tribological characteristics comparison for oil palm fibre/epoxy and kenaf fibre/epoxy composites under dry sliding conditions. Tribology International, 2016, 101, 247-254.	3.0	67
76	Comparative Analysis on Property Improvement Using Fourier Transform Infrared Spectroscopy (FT-IR) and Nuclear Magnetic Resonance (NMR) (¹H and ¹³C) Spectra of Various Biodiesel Blended Fuels. Energy & Fuels, 2016, 30, 4790-4805.	2.5	18
77	Assessment of performance, emission and combustion characteristics of palm, jatropha and Calophyllum inophyllum biodiesel blends. Fuel, 2016, 181, 985-995.	3.4	101
78	Surface Texture Manufacturing Techniques and Tribological Effect of Surface Texturing on Cutting Tool Performance: A Review. Critical Reviews in Solid State and Materials Sciences, 2016, 41, 447-481.	6.8	138
79	Analysis of thermal stability and lubrication characteristics of Millettia pinnata oil. RSC Advances, 2016, 6, 81414-81425.	1.7	20
80	A public survey on knowledge, awareness, attitude and willingness to pay for WEEE management: Case study in Bangladesh. Journal of Cleaner Production, 2016, 137, 728-740.	4.6	105
81	Tribological performance of nanoparticles as lubricating oil additives. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	274
82	Improvement of cold flow properties of Cocos nucifera and Calophyllum inophyllum biodiesel blends using polymethyl acrylate additive. Journal of Cleaner Production, 2016, 137, 322-329.	4.6	33
83	Study of production optimization and effect of hydroxyl gas on a CI engine performance and emission fueled with biodiesel blends. International Journal of Hydrogen Energy, 2016, 41, 14519-14528.	3.8	66
84	Improving oxidation stability and NOX reduction of biodiesel blends using aromatic and synthetic antioxidant in a light duty diesel engine. Industrial Crops and Products, 2016, 89, 273-284.	2.5	54
85	Influences of ignition improver additive on ternary (diesel-biodiesel-higher alcohol) blends thermal stability and diesel engine performance. Energy Conversion and Management, 2016, 123, 252-264.	4.4	86
86	Impact of fatty acid composition and physicochemical properties of Jatropha and Alexandrian laurel biodiesel blends: An analysis of performance and emission characteristics. Journal of Cleaner Production, 2016, 133, 1181-1189.	4.6	47
87	Effects of biodiesel blends on lubricating oil degradation and piston assembly energy losses. Energy, 2016, 111, 713-721.	4.5	42
88	Influence of intrinsic and extrinsic conditions on the tribological characteristics of diamond-like carbon coatings: A review. Journal of Materials Research, 2016, 31, 1814-1836.	1.2	25
89	Rice bran: A prospective resource for biodiesel production in Bangladesh. International Journal of Green Energy, 2016, 13, 497-504.	2.1	12
90	An overview of geometrical parameters of surface texturing for piston/cylinder assembly and mechanical seals. Meccanica, 2016, 51, 9-23.	1.2	66

#	Article	IF	Citations
91	Performance and emission characteristics of a diesel engine fueled with palm, jatropha, and moringa oil methyl ester. Industrial Crops and Products, 2016, 79, 70-76.	2.5	110
92	A comprehensive study on the improvement of oxidation stability and NO_x emission levels by antioxidant addition to biodiesel blends in a light-duty diesel engine. RSC Advances, 2016, 6, 22436-22446.	1.7	30
93	Production, characterization, engine performance and emission characteristics of Croton megalocarpus and Ceiba pentandra complementary blends in a single-cylinder diesel engine. RSC Advances, 2016, 6, 24584-24595.	1.7	31
94	An overview on comparative engine performance and emission characteristics of different techniques involved in diesel engine as dual-fuel engine operation. Renewable and Sustainable Energy Reviews, 2016, 60, 306-316.	8.2	68
95	Impact of edible and non-edible biodiesel fuel properties and engine operation condition on the performance and emission characteristics of unmodified DI diesel engine. Biofuels, 2016, 7, 219-232.	1.4	11
96	Assessment of friction and wear characteristics of Calophyllum inophyllum and palm biodiesel. Industrial Crops and Products, 2016, 83, 470-483.	2.5	54
97	Evaluation of the characteristics of non-oxidative biodiesels: a FAME composition, thermogravimetric and IR analysis. RSC Advances, 2016, 6, 8198-8210.	1.7	9
98	Sensing performance optimization by tuning surface morphology of organic (D-Ï€-A) dye based humidity sensor. Sensors and Actuators B: Chemical, 2016, 231, 30-37.	4.0	36
99	Higher alcoholâ€“biodieselâ€“diesel blends: An approach for improving the performance, emission, and combustion of a light-duty diesel engine. Energy Conversion and Management, 2016, 111, 174-185.	4.4	202
100	Production of biodiesel from a non-edible source and study of its combustion, and emission characteristics: A comparative study with B5. Renewable Energy, 2016, 88, 20-29.	4.3	35
101	Performance and emission of multi-cylinder diesel engine using biodiesel blends obtained from mixed inedible feedstocks. Journal of Cleaner Production, 2016, 112, 4114-4122.	4.6	56
102	Lubricity of bio-based lubricant derived from different chemically modified fatty acid methyl ester. Tribology International, 2016, 93, 555-562.	3.0	94
103	Tribological Characteristics of Amorphous Hydrogenated DLC in the Presence of Commercial Lubricating Oil. Key Engineering Materials, 2015, 642, 179-183.	0.4	0
104	Comparative evaluation of the blends of gas-to-liquid (GTL) fuels and biodiesels with diesel at high idling conditions: an in-depth analysis on engine performance and environment pollutants. RSC Advances, 2015, 5, 13068-13077.	1.7	5
105	Tribological Characteristics ofCalophyllum inophyllumâ€“Based TMP (Trimethylolpropane) Ester as Energy-Saving and Biodegradable Lubricant. Tribology Transactions, 2015, 58, 1002-1011.	1.1	49
106	Potential of biodiesel as a renewable energy source in Bangladesh. Renewable and Sustainable Energy Reviews, 2015, 50, 819-834.	8.2	64
107	Influence of engine operating variable on combustion to reduce exhaust emissions using various biodiesels blend. RSC Advances, 2015, 5, 100674-100681.	1.7	7
108	Evaluation of a novel biofuel from unwanted waste and its impact on engine performance, emissions, and combustion characteristics in a diesel engine. RSC Advances, 2015, 5, 42438-42447.	1.7	2

#	Article	IF	Citations
109	Effect of injection timing and EGR on engine-out-responses of a common-rail diesel engine fueled with neat biodiesel. RSC Advances, 2015, 5, 96080-96096.	1.7	9
110	Influence of biodiesel blending on physicochemical properties and importance of mathematical model for predicting the properties of biodiesel blend. Energy Conversion and Management, 2015, 94, 51-67.	4.4	83
111	Effects of Palmâ€“Coconut Biodiesel Blends on the Performance and Emission of a Single-Cylinder Diesel Engine. Energy & Fuels, 2015, 29, 734-743.	2.5	37
112	Energy scenario and biofuel policies and targets in ASEAN countries. Renewable and Sustainable Energy Reviews, 2015, 46, 51-61.	8.2	73
113	Effect of Biodiesel-diesel Blending on Physico-chemical Properties of Biodiesel Produced from Moringa Oleifera. Procedia Engineering, 2015, 105, 665-669.	1.2	44
114	A comprehensive review on the assessment of fuel additive effects on combustion behavior in CI engine fuelled with diesel biodiesel blends. RSC Advances, 2015, 5, 67541-67567.	1.7	63
115	Characterization and prediction of blend properties and evaluation of engine performance and emission parameters of a CI engine operated with various biodiesel blends. RSC Advances, 2015, 5, 13246-13255.	1.7	20
116	Friction and wear characteristics of Calophyllum inophyllum biodiesel. Industrial Crops and Products, 2015, 76, 188-197.	2.5	71
117	Improving the AW/EP ability of chemically modified palm oil by adding CuO and MoS2 nanoparticles. Tribology International, 2015, 88, 271-279.	3.0	145
118	Stability of biodiesel, its improvement and the effect of antioxidant treated blends on engine performance and emission. RSC Advances, 2015, 5, 36240-36261.	1.7	70
119	Effect of Lubricant Formulations on the Tribological Performance of Self-Mated Doped DLC Contacts: a review. Tribology Letters, 2015, 58, 1.	1.2	43
120	Influence of gas-to-liquid (GTL) fuel in the blends of Calophyllum inophyllum biodiesel and diesel: An analysis of combustionâ€“performanceâ€“emission characteristics. Energy Conversion and Management, 2015, 97, 42-52.	4.4	34
121	Performance and emission assessment of dieselâ€“biodieselâ€“ethanol/bioethanol blend as a fuel in diesel engines: A review. Renewable and Sustainable Energy Reviews, 2015, 48, 62-78.	8.2	165
122	Tailoring fuel properties using jatropha, palm and coconut biodiesel to improve CI engine performance and emission characteristics. Journal of Cleaner Production, 2015, 101, 262-270.	4.6	32
123	Particulate matter, carbon emissions and elemental compositions from a diesel engine exhaust fuelled with dieselâ€“biodiesel blends. Atmospheric Environment, 2015, 120, 463-474.	1.9	33
124	State of the art of biodiesel production processes: a review of the heterogeneous catalyst. RSC Advances, 2015, 5, 101023-101044.	1.7	121
125	Effect of antioxidant on the oxidation stability and combustionâ€“performanceâ€“emission characteristics of a diesel engine fueled with dieselâ€“biodiesel blend. Energy Conversion and Management, 2015, 106, 849-858.	4.4	86
126	A comprehensive review on biodiesel cold flow properties and oxidation stability along with their improvement processes. RSC Advances, 2015, 5, 86631-86655.	1.7	101

#	Article	IF	Citations
127	Influence of gas-to-liquid (GTL) fuel in the combined blend of Jatropha biodiesel and diesel: an analysis of engine combustionâ€“performanceâ€“emission parameters. RSC Advances, 2015, 5, 29723-29733.	1.7	8
128	Study on stability, fuel properties, engine combustion, performance and emission characteristics of biofuel emulsion. Renewable and Sustainable Energy Reviews, 2015, 52, 1566-1579.	8.2	88
129	Effects of texture diameter and depth on the tribological performance of DLC coating under lubricated sliding condition. Applied Surface Science, 2015, 356, 1135-1149.	3.1	79
130	Comparative assessment of performance, emissions and combustion characteristics of gasoline/diesel and gasoline/biodiesel in a dual-fuel engine. RSC Advances, 2015, 5, 71608-71619.	1.7	10
131	Effect of dynamic injection pressure on performance, emission and combustion characteristics of a compression ignition engine. Renewable and Sustainable Energy Reviews, 2015, 52, 1205-1211.	8.2	41
132	Implementation of palm biodiesel based on economic aspects, performance, emission, and wear characteristics. Energy Conversion and Management, 2015, 105, 617-629.	4.4	88
133	Tribological Study of a Tetrahedral Diamond-Like Carbon Coating under Vegetable Oilâ€“Based Lubricated Condition. Tribology Transactions, 2015, 58, 907-913.	1.1	14
134	Biodiesel production, characterization, diesel engine performance, and emission characteristics of methyl esters from Aphanamixis polystachya oil of Bangladesh. Energy Conversion and Management, 2015, 91, 149-157.	4.4	86
135	Oil filter modification for biodieselâ€“fueled engine: A pathway to lubricant sustainability and exhaust emissions reduction. Energy Conversion and Management, 2015, 91, 168-175.	4.4	20
136	Evaluation of combustion, performance, and emissions of optimum palmâ€“coconut blend in turbocharged and non-turbocharged conditions of a diesel engine. Energy Conversion and Management, 2015, 90, 111-120.	4.4	52
137	An updated overview of diamond-like carbon coating in tribology. Critical Reviews in Solid State and Materials Sciences, 2015, 40, 90-118.	6.8	126
138	Effect of alcoholâ€“gasoline blends optimization on fuel properties, performance and emissions of a SI engine. Journal of Cleaner Production, 2015, 86, 230-237.	4.6	128
139	Thermal Balancing of a Multi-Cylinder Diesel Engine Operating on Diesel, B5 and Palm Biodiesel Blends. Journal of Clean Energy Technologies, 2015, 3, 115-118.	0.1	7
140	Experimental Investigation of a Multicylinder Unmodified Diesel Engine Performance, Emission, and Heat Loss Characteristics Using Different Biodiesel Blends: Rollout of B10 in Malaysia. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	5
141	Reduction of Fuel Consumption and Exhaust Pollutant Using Intelligent Transport Systems. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	45
142	Performance and emission characteristics of a compression ignition engine running with linseed biodiesel. RSC Advances, 2014, 4, 64791-64797.	1.7	11
143	Experimental Investigation of Mustard Biodiesel Blend Properties, Performance, Exhaust Emission and Noise in an Unmodified Diesel Engine. APCBEE Procedia, 2014, 10, 149-153.	0.5	46
144	Engine Performance, Emission and Combustion Characteristics of a Common-rail Diesel Engine Fuelled with Bioethanol as a Fuel Additive in Coconut Oil Biodiesel Blends. Energy Procedia, 2014, 61, 1655-1659.	1.8	35

#	Article	IF	Citations
145	Tribological Characteristics of Tetrahedral (ta-C) DLC Coating in the Presence of Commercial Lubricating Oil. Applied Mechanics and Materials, 2014, 679, 25-29.	0.2	0
146	Effect of synthetic antioxidants on storage stability of Calophyllum inophyllum biodiesel. Materials Research Innovations, 2014, 18, S6-90-S6-94.	1.0	4
147	Experimental Investigation of Palm-jatropha Combined Blend Properties, Performance, Exhaust Emission and Noise in an Unmodified Diesel Engine. Procedia Engineering, 2014, 90, 397-402.	1.2	17
148	Effect of Bio-Lubricant on Tribological Characteristics of Steel. Procedia Engineering, 2014, 90, 740-745.	1.2	27
149	Impact of Premixed Kerosene Fuel on Performance, Emission and Combustion Characteristics in Partial HCCI Engine. Energy Procedia, 2014, 61, 1830-1834.	1.8	7
150	Assessing idling effects on a compression ignition engine fueled with Jatropha and Palm biodiesel blends. Renewable Energy, 2014, 68, 644-650.	4.3	55
151	Effect of idling on fuel consumption and emissions of a diesel engine fueled by Jatropha biodiesel blends. Journal of Cleaner Production, 2014, 69, 208-215.	4.6	52
152	Transient simulation of coolant peak temperature due to prolonged fan and/or water pump operation after the vehicle is keyed-off. Heat and Mass Transfer, 2014, 50, 39-56.	1.2	5
153	Feasibility of dieselâ€“biodieselâ€“ethanol/bioethanol blend as existing CI engine fuel: An assessment of properties, material compatibility, safety and combustion. Renewable and Sustainable Energy Reviews, 2014, 32, 379-395.	8.2	214
154	Comparative evaluation of performance and emission characteristics of Moringa oleifera and Palm oil based biodiesel in a diesel engine. Industrial Crops and Products, 2014, 53, 78-84.	2.5	232
155	Tribological characteristics of amorphous hydrogenated (a-C:H) and tetrahedral (ta-C) diamond-like carbon coating at different test temperatures in the presence of commercial lubricating oil. Surface and Coatings Technology, 2014, 245, 133-147.	2.2	64
156	The effect of palm oil trimethylolpropane ester on extreme pressure lubrication. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2014, 228, 160-169.	1.0	12
157	Production and comparison of fuel properties, engine performance, and emission characteristics of biodiesel from various non-edible vegetable oils: A review. Energy Conversion and Management, 2014, 80, 202-228.	4.4	483
158	Impact of low temperature combustion attaining strategies on diesel engine emissions for diesel and biodiesels: A review. Energy Conversion and Management, 2014, 80, 329-356.	4.4	228
159	The prospects of biolubricants as alternatives in automotive applications. Renewable and Sustainable Energy Reviews, 2014, 33, 34-43.	8.2	314
160	Performance and emission characteristics of a CI engine fueled with Cocos nucifera and Jatropha curcas B20 blends accompanying antioxidants. Industrial Crops and Products, 2014, 57, 132-140.	2.5	76
161	Production of palm and jatropha based biodiesel and investigation of palm-jatropha combined blend properties, performance, exhaust emission and noise in an unmodified diesel engine. Journal of Cleaner Production, 2014, 65, 295-303.	4.6	148
162	Impact of oxygenated additives to palm and jatropha biodiesel blends in the context of performance and emissions characteristics of a light-duty diesel engine. Energy Conversion and Management, 2014, 83, 149-158.	4.4	140

#	Article	IF	Citations
163	An investigation of the engine performance, emissions and combustion characteristics of coconut biodiesel in a high-pressure common-rail diesel engine. Energy, 2014, 69, 749-759.	4.5	144
164	Properties and use of Moringa oleifera biodiesel and diesel fuel blends in a multi-cylinder diesel engine. Energy Conversion and Management, 2014, 82, 169-176.	4.4	132
165	Assessment of emission and performance of compression ignition engine with varying injection timing. Renewable and Sustainable Energy Reviews, 2014, 35, 221-230.	8.2	50
166	Experimental investigation of performance and regulated emissions of a diesel engine with Calophyllum inophyllum biodiesel blends accompanied by oxidation inhibitors. Energy Conversion and Management, 2014, 83, 232-240.	4.4	172
167	Impacts of NOx reducing antioxidant additive on performance and emissions of a multi-cylinder diesel engine fueled with Jatropha biodiesel blends. Energy Conversion and Management, 2014, 77, 577-585.	4.4	161
168	Engine combustion, performance and emission characteristics of gas to liquid (GTL) fuels and its blends with diesel and bio-diesel. Renewable and Sustainable Energy Reviews, 2014, 30, 961-986.	8.2	78
169	Effect of antioxidants on oxidation stability of biodiesel derived from vegetable and animal based feedstocks. Renewable and Sustainable Energy Reviews, 2014, 30, 356-370.	8.2	173
170	Effect of Croton megalocarpus, Calophyllum inophyllum, Moringa oleifera, palm and coconut biodieselâ€“diesel blending on their physico-chemical properties. Industrial Crops and Products, 2014, 60, 130-137.	2.5	54
171	Impact of denatured anhydrous ethanolâ€“gasoline fuel blends on a spark-ignition engine. RSC Advances, 2014, 4, 51220-51227.	1.7	15
172	Performance and emission characteristics of a diesel engine fueled by an optimum biodieselâ€“biodiesel blend. RSC Advances, 2014, 4, 37122.	1.7	21
173	Evaluation of rice bran, sesame and moringa oils as feasible sources of biodiesel and the effect of blending on their physicochemical properties. RSC Advances, 2014, 4, 56984-56991.	1.7	18
174	Biodiesel production, characterization, engine performance, and emission characteristics of Malaysian Alexandrian laurel oil. RSC Advances, 2014, 4, 17787-17796.	1.7	101
175	Comparative study of gas-to-liquid fuel, B5 diesel and their blends with respect to fuel properties, engine performance and exhaust emissions. RSC Advances, 2014, 4, 44529-44536.	1.7	12
176	Effects of Jatropha biodiesel on the performance, emissions, and combustion of a converted common-rail diesel engine. RSC Advances, 2014, 4, 50739-50751.	1.7	29
177	Performance and emission analysis of a multi cylinder gasoline engine operating at different alcoholâ€“gasoline blends. RSC Advances, 2014, 4, 27898-27904.	1.7	62
178	Combustion, performance and emission characteristics of a DI diesel engine fueled with Brassica juncea methyl ester and its blends. RSC Advances, 2014, 4, 36973-36982.	1.7	14
179	The effect of additives on properties, performance and emission of biodiesel fuelled compression ignition engine. Energy Conversion and Management, 2014, 88, 348-364.	4.4	213
180	Tailoring the key fuel properties using different alcohols (C 2 â€“C 6) and their evaluation in gasoline engine. Energy Conversion and Management, 2014, 88, 382-390.	4.4	45

#	Article	IF	Citations
181	The Effect of Temperature on Tribological Properties of Chemically Modified Bio-Based Lubricant. Tribology Transactions, 2014, 57, 408-415.	1.1	43
182	Tribological properties of amorphous hydrogenated (a-C:H) and hydrogen-free tetrahedral (ta-C) diamond-like carbon coatings under jatropha biodegradable lubricating oil at different temperatures. Applied Surface Science, 2014, 317, 581-592.	3.1	23
183	Study of the Effect of Storage Time on the Oxidation and Thermal Stability of Various Biodiesels and Their Blends. Energy & Fuels, 2014, 28, 1081-1089.	2.5	28
184	Impact of biodiesel blend on injector deposit formation. Energy, 2014, 72, 813-823.	4.5	76
185	Influence of anti-corrosion additive on the performance, emission and engine component wear characteristics of an IDI diesel engine fueled with palm biodiesel. Energy Conversion and Management, 2014, 87, 48-57.	4.4	58
186	Biodiesel production and performance evaluation of coconut, palm and their combined blend with diesel in a single-cylinder diesel engine. Energy Conversion and Management, 2014, 87, 250-257.	4.4	144
187	A review on idling reduction strategies to improve fuel economy and reduce exhaust emissions of transport vehicles. Energy Conversion and Management, 2014, 88, 794-807.	4.4	87
188	Combustion, performance, and emission characteristics of low heat rejection engine operating on various biodiesels and vegetable oils. Energy Conversion and Management, 2014, 85, 173-189.	4.4	79
189	Numerical study on convective heat transfer of a spark ignition engine fueled with bioethanol. International Communications in Heat and Mass Transfer, 2014, 58, 33-39.	2.9	9
190	Effect of antioxidant on the performance and emission characteristics of a diesel engine fueled with palm biodiesel blends. Energy Conversion and Management, 2014, 79, 265-272.	4.4	271
191	Performance and emission analysis of Jatropha curcas and Moringa oleifera methyl ester fuel blends in a multi-cylinder diesel engine. Journal of Cleaner Production, 2014, 65, 304-310.	4.6	116
192	Performance, emissions, and heat losses of palm and jatropha biodiesel blends in a diesel engine. Industrial Crops and Products, 2014, 59, 96-104.	2.5	105
193	Synthetic phenolic antioxidants to biodiesel: path toward NOx reduction of an unmodified indirect injection diesel engine. Journal of Cleaner Production, 2014, 79, 82-90.	4.6	55
194	An experimental investigation of biodiesel production, characterization, engine performance, emission and noise of Brassica juncea methyl ester and its blends. Journal of Cleaner Production, 2014, 79, 74-81.	4.6	83
195	Review on alcohol fumigation on diesel engine: A viable alternative dual fuel technology for satisfactory engine performance and reduction of environment concerning emission. Renewable and Sustainable Energy Reviews, 2013, 26, 739-751.	8.2	166
196	An Overview of Biofuel as a Renewable Energy Source: Development and Challenges. Procedia Engineering, 2013, 56, 39-53.	1.2	208
197	Effect of biodiesel from various feedstocks on combustion characteristics, engine durability and materials compatibility: A review. Renewable and Sustainable Energy Reviews, 2013, 28, 441-455.	8.2	156
198	Impact of palm biodiesel blend on injector deposit formation. Applied Energy, 2013, 111, 882-893.	5.1	82

#	Article	IF	Citations
199	Biofuel: Policy, Standardization and Recommendation for Sustainable Future Energy Supply. Energy Procedia, 2013, 42, 577-586.	1.8	40
200	Experimental Analysis of Tribological Properties of Biolubricant with Nanoparticle Additive. Procedia Engineering, 2013, 68, 152-157.	1.2	104
201	Effect of Magnesia on Zinc Oxide Stabilized Nano Alumina Ceramic Powder in Sintering Process and its Impact on Mechanical Properties. Procedia Engineering, 2013, 68, 723-729.	1.2	10
202	Impact of various biodiesel fuels obtained from edible and non-edible oils on engine exhaust gas and noise emissions. Renewable and Sustainable Energy Reviews, 2013, 18, 552-567.	8.2	176
203	Impact of idling on fuel consumption and exhaust emissions and available idle-reduction technologies for diesel vehicles â€“ A review. Energy Conversion and Management, 2013, 74, 171-182.	4.4	125
204	Production of palm and Calophyllum inophyllum based biodiesel and investigation of blend performance and exhaust emission in an unmodified diesel engine at high idling conditions. Energy Conversion and Management, 2013, 76, 362-367.	4.4	154
205	State of the art of NOx mitigation technologies and their effect on the performance and emission characteristics of biodiesel-fueled Compression Ignition engines. Energy Conversion and Management, 2013, 76, 400-420.	4.4	127
206	Comparative tribological investigation of bio-lubricant formulated from a non-edible oil source (Jatropha oil). Industrial Crops and Products, 2013, 47, 323-330.	2.5	119
207	Impact of palm, mustard, waste cooking oil and Calophyllum inophyllum biofuels on performance and emission of CI engine. Renewable and Sustainable Energy Reviews, 2013, 27, 664-682.	8.2	118
208	Liquid absorption and solid adsorption system for household, industrial and automobile applications: A review. Renewable and Sustainable Energy Reviews, 2013, 28, 836-847.	8.2	35
209	Ignition delay, combustion and emission characteristics of diesel engine fueled with biodiesel. Renewable and Sustainable Energy Reviews, 2013, 21, 623-632.	8.2	242
210	Working Temperature Effect of A-C: H/A-C: H and Steel/Steel Contacts on Tribo Properties in Presence of Sunflower Oil as a Bio Lubricant. Procedia Engineering, 2013, 68, 550-557.	1.2	9
211	Tribological Properties and Lubricant Mechanism of Nanoparticle in Engine Oil. Procedia Engineering, 2013, 68, 320-325.	1.2	63
212	Study of Friction and Wear Characteristic of Jatropha Oil Blended Lube Oil. Procedia Engineering, 2013, 68, 178-185.	1.2	38
213	Evaluation of biodiesel blending, engine performance and emissions characteristics of Jatropha curcas methyl ester: Malaysian perspective. Energy, 2013, 55, 879-887.	4.5	259
214	Fuel properties, engine performance and emission characteristic of common biodiesels as a renewable and sustainable source of fuel. Renewable and Sustainable Energy Reviews, 2013, 22, 133-147.	8.2	143
215	A study on the effects of promising edible and non-edible biodiesel feedstocks on engine performance and emissions production: A comparative evaluation. Renewable and Sustainable Energy Reviews, 2013, 23, 391-404.	8.2	260
216	Effect of ethanolâ€“gasoline blend on NOx emission in SI engine. Renewable and Sustainable Energy Reviews, 2013, 24, 209-222.	8.2	313

#	Article	IF	Citations
217	Energy balance of internal combustion engines using alternative fuels. Renewable and Sustainable Energy Reviews, 2013, 26, 20-33.	8.2	150
218	Impacts of biodiesel combustion on NOx emissions and their reduction approaches. Renewable and Sustainable Energy Reviews, 2013, 23, 473-490.	8.2	308
219	Wear prevention characteristics of a palm oil-based TMP (trimethylolpropane) ester as an engine lubricant. Energy, 2013, 54, 167-173.	4.5	167
220	Effect of Coconut Biodiesel Blended Fuels on Engine Performance and Emission Characteristics. Procedia Engineering, 2013, 56, 583-590.	1.2	139
221	Experimental Investigation into Tribological Characteristics of Bio-Lubricant Formulated from Jatropha Oil. Procedia Engineering, 2013, 56, 597-606.	1.2	58
222	Tailoring key fuel properties of dieselâ€“biodieselâ€“ethanol blends for diesel engine. Journal of Cleaner Production, 2013, 51, 118-125.	4.6	44
223	Experimental Investigation of Optimum Blend Ratio of Jatropha, Palm and Coconut Based Biodiesel to Improve Fuel Properties, Engine Performance and Emission Characteristics. , 2013, , .		13
224	Correlation of Engine Cooling System Parameters and Segmented Heat Exchangersâ€™ Analysis. Journal of Applied Sciences, 2013, 13, 2027-2032.	0.1	0
225	Influence of Coconut Biodiesel and Waste Cooking Oil Blended Fuels on Engine Performance and Emission Characteristics. , 2012, , .		2
226	Heat Transfer and Pressure Drop Characteristics in Turbulent Flow Through a Tube. Experimental Heat Transfer, 2012, 25, 301-322.	2.3	7
227	Prospects of biodiesel from Jatropha in Malaysia. Renewable and Sustainable Energy Reviews, 2012, 16, 5007-5020.	8.2	197
228	Heat transfer performance for turbulent flow through a tube using double helical tape inserts. International Communications in Heat and Mass Transfer, 2012, 39, 818-825.	2.9	34
229	Application of blend fuels in a diesel engine. Energy Procedia, 2012, 14, 1124-1133.	1.8	64
230	Effect of Additive on Performance of C.I. Engine Fuelled with Bio Diesel. Energy Procedia, 2012, 14, 1624-1629.	1.8	65
231	Palm Oil Methyl Ester and Its Emulsions Effect on Lubricant Performance and Engine Components Wear. Energy Procedia, 2012, 14, 1748-1753.	1.8	43
232	A review on air flow and coolant flow circuit in vehiclesâ€™ cooling system. International Journal of Heat and Mass Transfer, 2012, 55, 6295-6306.	2.5	51
233	An experimental investigation into biodiesel stability by means of oxidation and property determination. Energy, 2012, 44, 616-622.	4.5	118
234	Impact of coconut oil blends on particulate-phase PAHs and regulated emissions from a light duty diesel engine. Energy, 2012, 48, 500-509.	4.5	44

#	Article	IF	Citations
235	MHD Mixed Convection in a Channel with a Triangular Cavity. Numerical Heat Transfer; Part A: Applications, 2012, 61, 268-282.	1.2	12
236	Heat transfer enhancement and development of correlation for turbulent flow through a tube with triple helical tape inserts. International Communications in Heat and Mass Transfer, 2012, 39, 94-101.	2.9	50
237	Double-diffusive natural convection in a triangular solar collector. International Communications in Heat and Mass Transfer, 2012, 39, 264-269.	2.9	58
238	Land availability of Jatropha production in Malaysia. Renewable and Sustainable Energy Reviews, 2012, 16, 3999-4007.	8.2	44
239	Integration of 1D and 3D Simulations of Engine Cooling System: After Keyed-Off. , 2011, , .		0
240	Environmentally friendly bio-lubricant lubricity testing. , 2011, , .		4
241	Numerical investigation of heat transfer enhancement of nanofluids in an inclined lid-driven triangular enclosure. International Communications in Heat and Mass Transfer, 2011, 38, 1360-1367.	2.9	34
242	Design, Modification and Testing of a Catalytic Converter for Natural Gas Fueled Engines. Arabian Journal for Science and Engineering, 2011, 36, 677-688.	1.1	8
243	Emission and performance characteristics of an indirect ignition diesel engine fuelled with waste cooking oil. Energy, 2011, 36, 397-402.	4.5	186
244	An experimental investigation of high performance natural gas engine with direct injection. Energy, 2011, 36, 3563-3571.	4.5	137
245	Prospects of dedicated biodiesel engine vehicles in Malaysia and Indonesia. Renewable and Sustainable Energy Reviews, 2011, 15, 220-235.	8.2	174
246	Potential emissions reduction in road transport sector using biofuel in developing countries. Atmospheric Environment, 2010, 44, 3869-3877.	1.9	179
247	Comparative engine performance and emission analysis of CNG and gasoline in a retrofitted car engine. Applied Thermal Engineering, 2010, 30, 2219-2226.	3.0	165
248	The Use of Dihydroxy Fatty Acid and Palm-Based Polyol as Selected Components of Envo-Diesel Fuel Blends to Reduce C.I. Engine Gaseous Emissions and Carbon Deposits. , 2009, , .		0
249	Experimental Test of a New Compressed Natural Gas Engine with Direct Injection. , 2009, , .		13
250	Development and test of a new catalytic converter for natural gas fuelled engine. Sadhana - Academy Proceedings in Engineering Sciences, 2009, 34, 467-481.	0.8	33
251	Environmental aspects and challenges of oilseed produced biodiesel in Southeast Asia. Renewable and Sustainable Energy Reviews, 2009, 13, 2452-2462.	8.2	145
252	Experimental Test of a New Compressed Natural Gas Direct Injection Engine. Energy & Fuels, 2009, 23, 4981-4987.	2.5	20

#	Article	IF	Citations
253	Application of Artificial Neural Networks (ANN) for Prediction the Performance of a Dual Fuel Internal Combustion Engine. HKIE Transactions, 2009, 16, 14-20.	1.9	9
254	Testing palm biodiesel and NPAA additives to control NOx and CO while improving efficiency in diesel engines. Biomass and Bioenergy, 2008, 32, 1116-1122.	2.9	103
255	Experimental Evaluation of an Unmodified Diesel Engine using Biodiesel with Fuel Additive. , 2006, , .		10
256	Fuel Additive that Cuts Emission and Increases Brake Power in a Small Bio-Fuel Diesel Engine. , 2006, , .		1
257	An experimental investigation of CNG as an alternative fuel for a retrofitted gasoline vehicle. Fuel, 2006, 85, 717-724.	3.4	205
258	Development of Co-Relation Between Vehicle and Stationary Dynamometer-Engine Emissions. , 2005, , 101.		0
259	Emissions and Deposit Characteristics of a Small Diesel Engine When Operated on Preheated Crude Palm Oil. , 2005, , .		11
260	CO, HC and NOx Emissions Characteristics of a Retrofitted Bi-fuel Natural Gas Engine. HKIE Transactions, 2005, 12, 25-30.	1.9	2
261	Air -Fuel Ratio Calculation for a Natural Gas Fuelled Spark Ignition Engine. , 2004, , .		5
262	Emissions and deposit characteristics of a small diesel engine when operated on preheated crude palm oil. Biomass and Bioenergy, 2004, 27, 289-297.	2.9	150
263	Exhaust emission and combustion evaluation of coconut oil-powered indirect injection diesel engine. Renewable Energy, 2003, 28, 2405-2415.	4.3	175
264	Effect of palm oil methyl ester and its emulsions on lubricant degradation and engine component wear. Lubrication Science, 2003, 16, 57-65.	0.9	9
265	Use of an additive in biofuel to evaluate emissions, engine component wear and lubrication characteristics. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2002, 216, 751-757.	1.1	20
266	Biodiesel from palmoilâ€”an analysis of its properties and potential. Biomass and Bioenergy, 2002, 23, 471-479.	2.9	314
267	Performance, emissions and wear characteristics of an indirect injection diesel engine using coconut oil blended fuel. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2001, 215, 393-404.	1.1	50
268	Combustion Characteristics of Biological Fuel in Diesel Engine. , 0, , .		20
269	Development and Test of a New Catalytic Converter for Natural Gas Fueled Engine. , 0, , .		4
270	Experimental Test of a Diesel Engine Using Envo-Diesel as an Alternative Fuel. , 0, , .		1

#	Article	IF	Citations
271	Experimental Analysis of Wear and Friction Characteristics of Jatropha Oil Added Lubricants. Applied Mechanics and Materials, 0, 110-116, 914-919.	0.2	4
272	Determination of Time Variant 1D-3D Temperature and Heat Transfer Distribution Inside the Cooling Jacket of a SI Engine Cooling System after Key-Off. , 0, , .		5
273	Study on the Effect of Adiabatic Flame Temperature on NOx Formation Using Ethanol Gasoline Blend in SI Engine. Advanced Materials Research, 0, 781-784, 2471-2475.	0.3	11
274	Impacts of N, N'-diphenyl-1, 4-phenylenediamine (DPPD) Antioxidant Additive in Jatropha Biodiesel Blends to Reduce NO_x Emission of a Multi Cylinder Vehicle Type Diesel Engine. Advanced Materials Research, 0, 774-776, 784-790.	0.3	0
275	Effect of Injection Timing on Performance, Emission and Combustion Characteristics of a Common-Rail Diesel Engine Fuelled with Coconut Oil Methyl Ester. , 0, , .		6
276	Impact of Waste Cooking Oil Biodiesel on Performance, Exhaust Emission and Combustion Characteristics in a Light-Duty Diesel Engine. , 0, , .		20
277	Assessing Effects of Idling of a Diesel Engine Operated with Optimized Blend of Palm and Mustard Biodiesel. , 0, , .		1
278	Effect of Premixed Diesel Fuel on Partial HCCI Combustion Characteristics. Applied Mechanics and Materials, 0, 663, 26-33.	0.2	0
279	Effect of Ethanol-Coconut Oil Methyl Ester on the Performance, Emission and Combustion Characteristics of a High-Pressure Common-Rail DI Engine. Applied Mechanics and Materials, 0, 663, 19-25.	0.2	1
280	Comparative Study of Properties and Engine Performance Using Blend of Palm and Coconut Biodiesel. Applied Mechanics and Materials, 0, 663, 13-18.	0.2	1
281	Friction and Wear Characteristics of Hydrogenated and Hydrogen-Free DLC Coatings when Lubricated with Biodegradable Vegetable Oil. Key Engineering Materials, 0, 642, 50-54.	0.4	3
282	Tribological Characteristics of Diamond like Carbon Coating in the Presence of Environment Friendly Vegetable Based Oils. Key Engineering Materials, 0, 642, 174-178.	0.4	1
283	Antiwear Behavior of CuO Nanoparticles as Additive in Bio-Based Lubricant. Key Engineering Materials, 0, 748, 166-170.	0.4	8