

Yh Teoh

List of Publications by Year in descending order

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18
papers

1,024
citations

687363

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996975

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docs citations

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times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher alcoholâ€“biodieselâ€“diesel blends: An approach for improving the performance, emission, and combustion of a light-duty diesel engine. <i>Energy Conversion and Management</i> , 2016, 111, 174-185.	9.2	202
2	Influence of injection timing and split injection strategies on performance, emissions, and combustion characteristics of diesel engine fueled with biodiesel blended fuels. <i>Fuel</i> , 2018, 213, 106-114.	6.4	170
3	An investigation of the engine performance, emissions and combustion characteristics of coconut biodiesel in a high-pressure common-rail diesel engine. <i>Energy</i> , 2014, 69, 749-759.	8.8	144
4	Assessment of performance, emission and combustion characteristics of palm, jatropha and Calophyllum inophyllum biodiesel blends. <i>Fuel</i> , 2016, 181, 985-995.	6.4	101
5	Effect of antioxidant on the oxidation stability and combustionâ€“performanceâ€“emission characteristics of a diesel engine fueled with dieselâ€“biodiesel blend. <i>Energy Conversion and Management</i> , 2015, 106, 849-858.	9.2	86
6	Effect of Calophyllum Inophyllum biodiesel-diesel blends on combustion, performance, exhaust particulate matter and gaseous emissions in a multi-cylinder diesel engine. <i>Fuel</i> , 2018, 227, 154-164.	6.4	64
7	Impact of coconut oil blends on particulate-phase PAHs and regulated emissions from a light duty diesel engine. <i>Energy</i> , 2012, 48, 500-509.	8.8	44
8	Investigation on particulate emissions and combustion characteristics of a common-rail diesel engine fueled with Moringa oleifera biodiesel-diesel blends. <i>Renewable Energy</i> , 2019, 136, 521-534.	8.9	41
9	Comparative assessment of performance, emissions and combustion characteristics of tire pyrolysis oil-diesel and biodiesel-diesel blends in a common-rail direct injection engine. <i>Fuel</i> , 2022, 313, 123058.	6.4	36
10	Engine Performance, Emission and Combustion Characteristics of a Common-rail Diesel Engine Fuelled with Bioethanol as a Fuel Additive in Coconut Oil Biodiesel Blends. <i>Energy Procedia</i> , 2014, 61, 1655-1659.	1.8	35
11	Evaluating combustion, performance and emission characteristics of Millettia pinnata and Croton megalocarpus biodiesel blends in a diesel engine. <i>Energy</i> , 2017, 141, 2362-2376.	8.8	28
12	Experimental Investigation of Performance, Emission and Combustion Characteristics of a Common-Rail Diesel Engine Fuelled with Bioethanol as a Fuel Additive in Coconut Oil Biodiesel Blends. <i>Energies</i> , 2019, 12, 1954.	3.1	21
13	Impact of Waste Cooking Oil Biodiesel on Performance, Exhaust Emission and Combustion Characteristics in a Light-Duty Diesel Engine. , 0, , .		20
14	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. <i>Fuel</i> , 2018, 234, 227-237.	6.4	14
15	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. <i>Renewable Energy</i> , 2019, 139, 515-529.	8.9	11
16	Prediction of optimum Palm Oil Methyl Ester fuel blend for compression ignition engine using Response Surface Methodology. <i>Energy</i> , 2021, 234, 121238.	8.8	6
17	Effect of Ethanol-Coconut Oil Methyl Ester on the Performance, Emission and Combustion Characteristics of a High-Pressure Common-Rail DI Engine. <i>Applied Mechanics and Materials</i> , 0, 663, 19-25.	0.2	1
18	Effect of Premixed Diesel Fuel on Partial HCCI Combustion Characteristics. <i>Applied Mechanics and Materials</i> , 0, 663, 26-33.	0.2	0