

Ertan Alptekin

List of Publications by Year in descending order

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19
papers

2,022
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

2048
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of the density and the viscosities of biodiesel-diesel fuel blends. Renewable Energy, 2008, 33, 2623-2630.	8.9	481
2	Characterization of the key fuel properties of methyl ester-diesel fuel blends. Fuel, 2009, 88, 75-80.	6.4	232
3	Impact of alcohol-gasoline fuel blends on the exhaust emission of an SI engine. Renewable Energy, 2013, 52, 111-117.	8.9	212
4	Biodiesel production from vegetable oil and waste animal fats in a pilot plant. Waste Management, 2014, 34, 2146-2154.	7.4	153
5	Emission, injection and combustion characteristics of biodiesel and oxygenated fuel blends in a common rail diesel engine. Energy, 2017, 119, 44-52.	8.8	141
6	Using waste animal fat based biodiesels-bioethanol-diesel fuel blends in a DI diesel engine. Fuel, 2015, 157, 245-254.	6.4	127
7	Optimization of pretreatment reaction for methyl ester production from chicken fat. Fuel, 2010, 89, 4035-4039.	6.4	108
8	Effects of waste frying oil based methyl and ethyl ester biodiesel fuels on the performance, combustion and emission characteristics of a DI diesel engine. Fuel, 2015, 159, 179-187.	6.4	107
9	Optimization of transesterification for methyl ester production from chicken fat. Fuel, 2011, 90, 2630-2638.	6.4	106
10	Evaluation of leather industry wastes as a feedstock for biodiesel production. Fuel, 2012, 95, 214-220.	6.4	86
11	Evaluation of ethanol and isopropanol as additives with diesel fuel in a CRDI diesel engine. Fuel, 2017, 205, 161-172.	6.4	68
12	Predicting the higher heating values of waste frying oils as potential biodiesel feedstock. Fuel, 2014, 115, 850-854.	6.4	48
13	Performance and emission characteristics of solketal-gasoline fuel blend in a vehicle with spark ignition engine. Applied Thermal Engineering, 2017, 124, 504-509.	6.0	41
14	Characterization of Waste Frying Oils Obtained from Different Facilities. , 2011, , .		34
15	Combustion and performance evaluation of a common rail DI diesel engine fueled with ethyl and methyl esters. Applied Thermal Engineering, 2019, 149, 180-191.	6.0	27
16	Performance evaluation of an R134a automotive heat pump system for various heat sources in comparison with baseline heating system. Applied Thermal Engineering, 2015, 78, 419-427.	6.0	22
17	Production of Fuel Quality Ethyl Ester Biodiesel: 1. Laboratory-Scale Optimization of Waste Frying Oil Ethanolysis, 2. Pilot-Scale Production with the Optimal Reaction Conditions. Waste and Biomass Valorization, 2019, 10, 1889-1898.	3.4	14
18	Using low viscosity micro-emulsification fuels composed of waste frying oil-diesel fuel-higher bio-alcohols in a turbocharged-CRDI diesel engine. Fuel, 2022, 308, 121966.	6.4	10

#	ARTICLE	IF	CITATIONS
19	Comparative performance of an automobile heat pump system with an internal heat exchanger using R1234yf and R134a. International Journal of Exergy, 2020, 33, 98.	0.4	5