

Bilal AydoÄan

List of Publications by Year in descending order

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11
papers

392
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	The comparison of combustion, engine performance and emission characteristics of ethanol, methanol, fusel oil, butanol, isopropanol and naphtha with n-heptane blends on HCCI engine. Fuel, 2020, 266, 117071.	6.4	95
2	Experimental investigation on the combustion, performance and exhaust emission characteristics of poppy oil biodiesel-diesel dual fuel combustion in a CI engine. Fuel, 2020, 280, 118588.	6.4	64
3	Production of waste tyre oil and experimental investigation on combustion, engine performance and exhaust emissions. Journal of the Energy Institute, 2019, 92, 1406-1418.	5.3	60
4	The effects of diisopropyl ether on combustion, performance, emissions and operating range in a HCCI engine. Fuel, 2020, 265, 116919.	6.4	42
5	An experimental examination of the effects of n-hexane and n-heptane fuel blends on combustion, performance and emissions characteristics in a HCCI engine. Energy, 2020, 192, 116600.	8.8	33
6	Combustion characteristics, performance and emissions of an acetone/n-heptane fuelled homogenous charge compression ignition (HCCI) engine. Fuel, 2020, 275, 117840.	6.4	31
7	Effects of n-heptane/toluene/ethanol ternary fuel blends on combustion, operating range and emissions in premixed low temperature combustion. Fuel, 2021, 295, 120628.	6.4	26
8	Experimental investigation of tetrahydrofuran combustion in homogeneous charge compression ignition (HCCI) engine: Effects of excess air coefficient, engine speed and inlet air temperature. Journal of the Energy Institute, 2020, 93, 1163-1176.	5.3	23
9	Combustion characteristics of naphtha and n-heptane fuels in an auto-ignited HCCI engine at different lambda values and engine loads. Fuel, 2022, 327, 125183.	6.4	11
10	Investigation of the combustion, thermal and mechanical characteristics of rigid polyurethane foam added with talc and intumescent flame retardant. Journal of Thermoplastic Composite Materials, 2023, 36, 2789-2814.	4.2	5
11	Investigation into the effects of intumescent flame retardant addition on flame resistance and harmful emissions of rigid polyurethane foams. Pamukkale University Journal of Engineering Sciences, 2017, 23, 984-989.	0.4	2