

Bilal AydoÄan

List of Publications by Year in descending order

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Version: 2024-02-01

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