

Ilker Ã-rs

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

433
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects on performance, combustion and emission characteristics of DICl engine fuelled with TiO ₂ nanoparticles addition in diesel/biodiesel/n-butanol blends. <i>Fuel</i> , 2018, 234, 177-188.	6.4	164
2	An experimental study on energy-exergy analysis and sustainability index in a diesel engine with direct injection diesel-biodiesel-butanol fuel blends. <i>Fuel</i> , 2020, 268, 117321.	6.4	82
3	Experimental Study of Hydrogen Addition on Waste Cooking Oil Biodiesel-Diesel-Butanol Fuel Blends in a DI Diesel Engine. <i>Bioenergy Research</i> , 2019, 12, 443-456.	3.9	34
4	Experimental investigation of effects on performance, emissions and combustion parameters of biodiesel“diesel“butanol blends in a direct-injection CI engine. <i>Biofuels</i> , 2020, 11, 121-134.	2.4	30
5	Experimental investigation of the cetane improver and bioethanol addition for the use of waste cooking oil biodiesel as an alternative fuel in diesel engines. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	26
6	Experimental investigation of impact of addition of bioethanol in different biodiesels, on performance, combustion and emission characteristics. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 5581-5592.	1.5	25
7	A Comparative Study of Ethanol and Methanol Addition Effects on Engine Performance, Combustion and Emissions in the SI Engine. <i>International Journal of Automotive Science and Technology</i> , 2020, 4, 59-69.	1.0	23
8	Effect of cetane improver addition into diesel fuel: Methanol mixtures on performance and emissions at different injection pressures. <i>Thermal Science</i> , 2017, 21, 555-566.	1.1	18
9	Performance, emission and combustion analysis of a compression ignition engine using biofuel blends. <i>Thermal Science</i> , 2017, 21, 511-522.	1.1	17
10	The Effect on Performance and Exhaust Emissions of Adding Cotton Oil Methyl Ester to Diesel Fuel. <i>International Journal of Automotive Engineering and Technologies</i> , 2016, 5, 148-154.	0.5	7
11	An Experimental and ANNs Study of the Effects of Safflower Oil Biodiesel on Engine Performance and Exhaust Emissions in a CI Engine. <i>International Journal of Automotive Engineering and Technologies</i> , 2016, 5, 125-135.	0.5	4
12	Investigation Of Effect Of n-Hexane Additives In Biodiesel On Combustion And Exhaust Emissions In Diesel Engines. <i>International Journal of Automotive Engineering and Technologies</i> , 2017, 6, 140-147.	0.5	2
13	The experimental investigation of diesel fuel-biofuel blends at different injection pressures in a DI diesel engine. <i>Journal of Engineering Research</i> , 2021, 9, .	0.7	1