

Erol ileri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

1,285
citations

16
h-index

18
g-index

18
ext. papers

1,498
ext. citations

6.8
avg, IF

5.14
L-index

#	Paper	IF	Citations
18	Grasshopper optimization algorithm for diesel engine fuelled with ethanol-biodiesel-diesel blends. <i>Case Studies in Thermal Engineering</i> , 2022 , 31, 101817	5.6	16
17	Multi-objective optimization of diesel engine performance and emission using grasshopper optimization algorithm. <i>Fuel</i> , 2022 , 323, 124303	7.1	2
16	Optimizing cetane improver concentration in biodiesel-diesel blend via grey wolf optimizer algorithm. <i>Fuel</i> , 2020 , 273, 117784	7.1	10
15	Comparative analyses of n-butanol/rapeseed oil/diesel blend with biodiesel, diesel and biodiesel/diesel fuels in a turbocharged direct injection diesel engine. <i>Journal of the Energy Institute</i> , 2016 , 89, 586-593	5.7	41
14	Optimization of diesel/butanol/vegetable oil blend ratios based on engine operating parameters. <i>Energy</i> , 2016 , 96, 569-580	7.9	90
13	Performance of biodiesel/higher alcohols blends in a diesel engine. <i>International Journal of Energy Research</i> , 2016 , 40, 1134-1143	4.5	65
12	Predicting the Engine Performance and Exhaust Emissions of a Diesel Engine Fueled With Hazelnut Oil Methyl Ester: The Performance Comparison of Response Surface Methodology and LSSVM. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2016 , 138,	2.6	31
11	Experimental study of 2-ethylhexyl nitrate effects on engine performance and exhaust emissions of a diesel engine fueled with n-butanol or 1-pentanol diesel/sunflower oil blends. <i>Energy Conversion and Management</i> , 2016 , 118, 320-330	10.6	59
10	Extensive analyses of diesel/vegetable oil/n-butanol ternary blends in a diesel engine. <i>Applied Energy</i> , 2015 , 145, 155-162	10.7	152
9	Response surface methodology based optimization of diesel/n-butanol /otton oil ternary blend ratios to improve engine performance and exhaust emission characteristics. <i>Energy Conversion and Management</i> , 2015 , 90, 383-394	10.6	119
8	Effects of higher ratios of n-butanol addition to diesel/vegetable oil blends on performance and exhaust emissions of a diesel engine. <i>Journal of the Energy Institute</i> , 2015 , 88, 209-220	5.7	101
7	Experimental investigation of engine performance and exhaust emissions of a diesel engine fueled with diesel/n-butanol /vegetable oil blends. <i>Energy Conversion and Management</i> , 2014 , 81, 312-321	10.6	148
6	Experimental investigation of the effect of antioxidant additives on NOx emissions of a diesel engine using biodiesel. <i>Fuel</i> , 2014 , 125, 44-49	7.1	93
5	Effects of antioxidant additives on engine performance and exhaust emissions of a diesel engine fueled with canola oil methyl ester/diesel blend. <i>Energy Conversion and Management</i> , 2013 , 76, 145-154	10.6	129
4	Experimental investigation of the effect of diesel/otton oil/n-butanol ternary blends on phase stability, engine performance and exhaust emission parameters in a diesel engine. <i>Fuel</i> , 2013 , 109, 503-511	7.1	104
3	Response surface methodology based prediction of engine performance and exhaust emissions of a diesel engine fuelled with canola oil methyl ester. <i>Journal of Renewable and Sustainable Energy</i> , 2013 , 5, 033132	2.5	38
2	Experimental Investigation of the Effect of Fuel Injection Advance on Engine Performance and Exhaust Emission Parameters Using Canola Oil Methyl Ester in a Turbocharged Direct-Injection Diesel Engine. <i>Energy & Fuels</i> , 2009 , 23, 5191-5198	4.1	26

- 1 Experimental Study of Emission Parameters of Biodiesel Fuels Obtained from Canola, Hazelnut, and Waste Cooking Oils. *Energy & Fuels*, **2007**, 21, 3622-3626 4.1 61