Alpaslan Atmanli

List of Publications by Year
in descending order

25 papers	2,890 citations	304743 22 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1498 citing authors

#	Article	IF	Citations
1	Determination of the Optimum Blend Ratio of Diesel, Waste Oil Derived Biodiesel and 1-Pentanol Using the Response Surface Method. Energies, 2022, 15, 5144.	3.1	28
2	Comparative assessment of different diesel engines fueled with 1â€pentanol and diesel blends. Environmental Progress and Sustainable Energy, 2021, 40, e13663.	2.3	42
3	An experimental assessment on semi-low temperature combustion using waste oil biodiesel/C3-C5 alcohol blends in a diesel engine. Fuel, 2020, 260, 116357.	6.4	146
4	Experimental comparison of biodiesel production performance of two different microalgae. Fuel, 2020, 278, 118311.	6.4	37
5	Analysis of aluminum particle combustion in a downward burning solid rocket propellant. Fuel, 2019, 237, 405-412.	6.4	53
6	Sensitivity analysis and uncertainty quantification on aluminum particle combustion for an upward burning solid rocket propellant. Fuel, 2019, 237, 1177-1185.	6.4	21
7	Quaternary blends of diesel, biodiesel, higher alcohols and vegetable oil in a compression ignition engine. Fuel, 2018, 212, 462-469.	6.4	167
8	A comparative analysis of n-butanol/diesel and 1-pentanol/diesel blends in a compression ignition engine. Fuel, 2018, 234, 161-169.	6.4	155
9	Experimental evaluation of a diesel engine running on the blends of diesel and pentanol as a next generation higher alcohol. Fuel, 2017, 210, 75-82.	6.4	146
10	Influence of 1-pentanol additive on the performance of a diesel engine fueled with waste oil methyl ester and diesel fuel. Fuel, 2017, 207, 461-469.	6.4	108
11	Experimental assessment of a diesel engine fueled with diesel-biodiesel-1-pentanol blends. Fuel, 2017, 191, 190-197.	6.4	153
12	Sustainable alternative fuels in aviation. Energy, 2017, 140, 1378-1386.	8.8	155
13	Performance of biodiesel/higher alcohols blends in a diesel engine. International Journal of Energy Research, 2016, 40, 1134-1143.	4.5	101
14	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. Journal of Energy Resources Technology, Transactions of the ASME, 2016, 138, .	2.3	51
15	Effects of a cetane improver on fuel properties and engine characteristics of a diesel engine fueled with the blends of diesel, hazelnut oil and higher carbon alcohol. Fuel, 2016, 172, 209-217.	6.4	180
16	Comparative analyses of dieselâ€“waste oil biodiesel and propanol, n-butanol or 1-pentanol blends in a diesel engine. Fuel, 2016, 176, 209-215.	6.4	326
17	Optimization of dieselâ€“butanolâ€“vegetable oil blend ratios based on engine operating parameters. Energy, 2016, 96, 569-580.	8.8	125
18	Comparative analyses of n-butanolâ€“rapeseed oilâ€“diesel blend with biodiesel, diesel and biodieselâ€“diesel fuels in a turbocharged direct injection diesel engine. Journal of the Energy Institute, 2016, 89, 586-593.	5.3	54

#	Article	IF	Citations
19	HAVACILIKTA ALTERNATÄ°F YAKIT KULLANILMASININ Ä°NCELENMESÄ°. SÃ¼rdÃ¼rÃ¼lebilir HavacÄ±lÄ±k AraÅŸtÄ±rmalarÄ± Dergisi, 2016, 1, 3-10.	0.1	2
20	Extensive analyses of dieselâ€“vegetable oilâ€“ n -butanol ternary blends in a diesel engine. Applied Energy, 2015, 145, 155-162.	10.1	191
21	Response surface methodology based optimization of dieselâ€“n-butanol â€“cotton oil ternary blend ratios to improve engine performance and exhaust emission characteristics. Energy Conversion and Management, 2015, 90, 383-394.	9.2	169
22	Effects of higher ratios of n-butanol addition to dieselâ€“vegetable oil blends on performance and exhaust emissions of a diesel engine. Journal of the Energy Institute, 2015, 88, 209-220.	5.3	126
23	Experimental investigation of engine performance and exhaust emissions of a diesel engine fueled with diesel â€“ n -butanol â€“ vegetable oil blends. Energy Conversion and Management, 2014, 81, 312-321.	9.2	182
24	Experimental investigation of the effect of dieselâ€“cotton oilâ€“n-butanol ternary blends on phase stability, engine performance and exhaust emission parameters in a diesel engine. Fuel, 2013, 109, 503-511.	6.4	123
25	Response surface methodology based prediction of engine performance and exhaust emissions of a diesel engine fuelled with canola oil methyl ester. Journal of Renewable and Sustainable Energy, 2013, 5, .	2.0	49