

# Alpaslan Atmanli

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Comparative analyses of diesel-waste oil biodiesel and propanol, n-butanol or 1-pentanol blends in a diesel engine. <i>Fuel</i> , 2016, 176, 209-215.	6.4	326
2	Extensive analyses of diesel-vegetable oil- n -butanol ternary blends in a diesel engine. <i>Applied Energy</i> , 2015, 145, 155-162.	10.1	191
3	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.	9.2	182
4	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. <i>Fuel</i> , 2016, 172, 209-217.	6.4	180
5	Response surface methodology based optimization of diesel-n-butanol -cotton oil ternary blend ratios to improve engine performance and exhaust emission characteristics. <i>Energy Conversion and Management</i> , 2015, 90, 383-394.	9.2	169
6	Quaternary blends of diesel, biodiesel, higher alcohols and vegetable oil in a compression ignition engine. <i>Fuel</i> , 2018, 212, 462-469.	6.4	167
7	A comparative analysis of n-butanol/diesel and 1-pentanol/diesel blends in a compression ignition engine. <i>Fuel</i> , 2018, 234, 161-169.	6.4	155
8	Sustainable alternative fuels in aviation. <i>Energy</i> , 2017, 140, 1378-1386.	8.8	155
9	Experimental assessment of a diesel engine fueled with diesel-biodiesel-1-pentanol blends. <i>Fuel</i> , 2017, 191, 190-197.	6.4	153
10	Experimental evaluation of a diesel engine running on the blends of diesel and pentanol as a next generation higher alcohol. <i>Fuel</i> , 2017, 210, 75-82.	6.4	146
11	An experimental assessment on semi-low temperature combustion using waste oil biodiesel/C3-C5 alcohol blends in a diesel engine. <i>Fuel</i> , 2020, 260, 116357.	6.4	146
12	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.	5.3	126
13	Optimization of diesel-butanol-vegetable oil blend ratios based on engine operating parameters. <i>Energy</i> , 2016, 96, 569-580.	8.8	125
14	Experimental investigation of the effect of diesel-cotton 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.	6.4	123
15	Influence of 1-pentanol additive on the performance of a diesel engine fueled with waste oil methyl ester and diesel fuel. <i>Fuel</i> , 2017, 207, 461-469.	6.4	108
16	Performance of biodiesel/higher alcohols blends in a diesel engine. <i>International Journal of Energy Research</i> , 2016, 40, 1134-1143.	4.5	101
17	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.	5.3	54
18	Analysis of aluminum particle combustion in a downward burning solid rocket propellant. <i>Fuel</i> , 2019, 237, 405-412.	6.4	53

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Comparative assessment of different diesel engines fueled with 1-pentanol and diesel blends. Environmental Progress and Sustainable Energy, 2021, 40, e13663.	2.3	42
22	Experimental comparison of biodiesel production performance of two different microalgae. Fuel, 2020, 278, 118311.	6.4	37
23	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
24	Sensitivity analysis and uncertainty quantification on aluminum particle combustion for an upward burning solid rocket propellant. Fuel, 2019, 237, 1177-1185.	6.4	21
25	HAVACILIKTA ALTERNATİF YAKIT KULLANILMASININ İNCELENMESİ. SAKarya Dergisi, 2016, 1, 3-10.	0.1	2