

# Alpaslan Atmanli

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,890  
citations

346980

22  
h-index

651938

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1708  
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. <i>Energies</i> , 2022, 15, 5144.	1.6	28
2	Comparative assessment of different diesel engines fueled with 1-pentanol and diesel blends. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13663.	1.3	42
3	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.	3.4	146
4	Experimental comparison of biodiesel production performance of two different microalgae. <i>Fuel</i> , 2020, 278, 118311.	3.4	37
5	Analysis of aluminum particle combustion in a downward burning solid rocket propellant. <i>Fuel</i> , 2019, 237, 405-412.	3.4	53
6	Sensitivity analysis and uncertainty quantification on aluminum particle combustion for an upward burning solid rocket propellant. <i>Fuel</i> , 2019, 237, 1177-1185.	3.4	21
7	Quaternary blends of diesel, biodiesel, higher alcohols and vegetable oil in a compression ignition engine. <i>Fuel</i> , 2018, 212, 462-469.	3.4	167
8	A comparative analysis of n-butanol/diesel and 1-pentanol/diesel blends in a compression ignition engine. <i>Fuel</i> , 2018, 234, 161-169.	3.4	155
9	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.	3.4	146
10	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.	3.4	108
11	Experimental assessment of a diesel engine fueled with diesel-biodiesel-1-pentanol blends. <i>Fuel</i> , 2017, 191, 190-197.	3.4	153
12	Sustainable alternative fuels in aviation. <i>Energy</i> , 2017, 140, 1378-1386.	4.5	155
13	Performance of biodiesel/higher alcohols blends in a diesel engine. <i>International Journal of Energy Research</i> , 2016, 40, 1134-1143.	2.2	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. <i>Journal of Energy Resources Technology</i> , Transactions of the ASME, 2016, 138, .	1.4	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. <i>Fuel</i> , 2016, 172, 209-217.	3.4	180
16	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.	3.4	326
17	Optimization of diesel-butanol-vegetable oil blend ratios based on engine operating parameters. <i>Energy</i> , 2016, 96, 569-580.	4.5	125
18	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.	2.7	54

#	ARTICLE	IF	CITATIONS
19	HAVACILIKTA ALTERNATİF YAKIT KULLANILMASININ İNCELENMESİ. SAKarya Dergisi, 2016, 1, 3-10.	0.1	2
20	Extensive analyses of diesel-vegetable oil n -butanol ternary blends in a diesel engine. Applied Energy, 2015, 145, 155-162.	5.1	191
21	Response surface methodology based optimization of diesel-n-butanol cotton oil ternary blend ratios to improve engine performance and exhaust emission characteristics. Energy Conversion and Management, 2015, 90, 383-394.	4.4	169
22	Effects of higher ratios of n-butanol addition to diesel-vegetable oil blends on performance and exhaust emissions of a diesel engine. Journal of the Energy Institute, 2015, 88, 209-220.	2.7	126
23	Experimental investigation of engine performance and exhaust emissions of a diesel engine fueled with diesel n -butanol vegetable oil blends. Energy Conversion and Management, 2014, 81, 312-321.	4.4	182
24	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. Fuel, 2013, 109, 503-511.	3.4	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, .	0.8	49