

# HÃœseyÄ°n Aydin

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,169  
citations

279798

23  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1762  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance and emission analysis of cottonseed oil methyl ester in a diesel engine. <i>Renewable Energy</i> , 2010, 35, 588-592.	8.9	310
2	Effect of ethanol blending with biodiesel on engine performance and exhaust emissions in a CI engine. <i>Applied Thermal Engineering</i> , 2010, 30, 1199-1204.	6.0	210
3	An overview on the light alcohol fuels in diesel engines. <i>Fuel</i> , 2019, 236, 890-911.	6.4	204
4	Fuel production from waste vehicle tires by catalytic pyrolysis and its application in a diesel engine. <i>Fuel Processing Technology</i> , 2011, 92, 1129-1135.	7.2	188
5	Performance and emission evaluation of a CI engine fueled with preheated raw rapeseed oil (RRO)â€“diesel blends. <i>Applied Energy</i> , 2010, 87, 786-790.	10.1	164
6	Optimization of fuel production from waste vehicle tires by pyrolysis and resembling to diesel fuel by various desulfurization methods. <i>Fuel</i> , 2012, 102, 605-612.	6.4	157
7	Biodiesel from safflower oil and its application in a diesel engine. <i>Fuel Processing Technology</i> , 2011, 92, 356-362.	7.2	106
8	Combined effects of thermal barrier coating and blending with diesel fuel on usability of vegetable oils in diesel engines. <i>Applied Thermal Engineering</i> , 2013, 51, 623-629.	6.0	90
9	Comparison of exhaust emissions of biodieselâ€“diesel fuel blends produced from animal fats. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 46, 157-165.	16.4	82
10	Investigation of the effects of butanol addition on safflower biodiesel usage as fuel in a generator diesel engine. <i>Fuel</i> , 2018, 222, 385-393.	6.4	75
11	Combustion, performance and emissions of a diesel power generator fueled with biodiesel-kerosene and biodiesel-kerosene-diesel blends. <i>Energy</i> , 2017, 123, 241-251.	8.8	73
12	Investigation of the usability of biodiesel obtained from residual frying oil in a diesel engine with thermal barrier coating. <i>Applied Thermal Engineering</i> , 2015, 80, 212-219.	6.0	56
13	Analysis of ethanol RCCI application with safflower biodiesel blends in a high load diesel power generator. <i>Fuel</i> , 2016, 184, 248-260.	6.4	56
14	The effect of n-butanol additive on low load combustion, performance and emissions of biodiesel-diesel blend in a heavy duty diesel power generator. <i>Journal of the Energy Institute</i> , 2017, 90, 174-184.	5.3	55
15	Scrutinizing the combustion, performance and emissions of safflower biodieselâ€“kerosene fueled diesel engine used as power source for a generator. <i>Energy Conversion and Management</i> , 2016, 117, 400-409.	9.2	43
16	Wind power potential and usage in the coastal regions of Turkey. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 44, 78-86.	16.4	37
17	Analysis of combustion, performance and emission characteristics of a diesel engine using low sulfur tire fuel. <i>Fuel</i> , 2015, 143, 373-382.	6.4	34
18	Improving the usability of vegetable oils as a fuel in a low heat rejection diesel engine. <i>Fuel Processing Technology</i> , 2012, 98, 59-64.	7.2	31

#	ARTICLE	IF	CITATIONS
19	The current status of wind energy in Turkey and in the world. <i>Energy Policy</i> , 2011, 39, 961-967.	8.8	30
20	Terebinth oil for biodiesel production and its diesel engine application. <i>Journal of the Energy Institute</i> , 2015, 88, 292-303.	5.3	28
21	Evaluation of combustion, performance and emission indicators of canola oil-kerosene blends in a power generator diesel engine. <i>Applied Thermal Engineering</i> , 2017, 114, 234-244.	6.0	28
22	Diesel engine applications for evaluation of performance and emission behavior of biodiesel from different oil stocks. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 890-896.	2.3	25
23	Investigation on the effects of gasoline reactivity controlled compression ignition application in a diesel generator in high loads using safflower biodiesel blends. <i>Renewable Energy</i> , 2019, 133, 177-189.	8.9	24
24	An innovative research on variable compression ratio in RCCI strategy on a power generator diesel engine using CNG-safflower biodiesel. <i>Energy</i> , 2021, 231, 121002.	8.8	19
25	Effects of thermal barrier coating on the performance and combustion characteristics of a diesel engine fueled with biodiesel produced from waste frying cottonseed oil and ultra-low sulfur diesel. <i>International Journal of Green Energy</i> , 2016, 13, 1102-1108.	3.8	14
26	Determination of performance and exhaust emissions properties of B75 in a CI engine application. <i>Fuel Processing Technology</i> , 2011, 92, 1790-1795.	7.2	12
27	Production of low sulfur diesel-like fuel from crude oil wastes by pyrolytic distillation and its usage in a diesel engine. <i>Energy</i> , 2022, 244, 122683.	8.8	7
28	Combustion, performance and emission analysis of propanol addition on safflower oil biodiesel in a diesel engine. , 2022, 3, 100041.		6
29	Combustion, performance, and emissions of safflower biodiesel with dimethyl ether addition in a power generator diesel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-16.	2.3	4