

CITATION REPORT

List of articles citing

Investigations on a diesel engine fuelled with biodiesel blends and diethyl ether as an additive.

DOI: 10.17485/ijst/2009/v2i5.5

Indian Journal of Science and Technology, 2009, 2, 31-35.

Source: <https://exaly.com/paper-pdf/87624997/citation-report.pdf>

Version: 2024-04-25

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#	Paper	IF	Citations
42	Performance Improvement and Emissions Reduction of a DI Diesel Engine for use of Karanja Biodiesel-Diesel Blend (B20) Using Diethyl Ether. 2011 ,		7
41	Thermodynamic, performance and emission investigation of a diesel engine running on dimethyl ether and diethyl ether. <i>International Journal of Thermal Sciences</i> , 2011 , 50, 1594-1603	4.1	90
40	Carbon mitigation potential of Jatropha Biodiesel in Indian context. <i>Energy Procedia</i> , 2012 , 14, 1421-1426.	6.3	11
39	Ultra-Clean Transient Operation of a Compression Ignition Engine Fuelled with Upgraded Hydrous Bioethanol. 2012 ,		1
38	Review of the effects of additives on biodiesel properties, performance, and emission features. <i>Journal of Renewable and Sustainable Energy</i> , 2013 , 5, 012701	2.5	48
37	Effect of Selected Metal Contaminants on the Stability of Castor Oil Methyl Ester. <i>Journal of Fuels</i> , 2014 , 2014, 1-6		3
36	Impact of oxygenated additives to palm and jatropha biodiesel blends in the context of performance and emissions characteristics of a light-duty diesel engine. <i>Energy Conversion and Management</i> , 2014 , 83, 149-158	10.6	119
35	Experimental investigation of performance, emission and combustion characteristics of waste plastic pyrolysis oil blended with diethyl ether used as fuel for diesel engine. <i>Energy</i> , 2015 , 85, 304-309	7.9	146
34	Ethyl 3-ethoxybutyrate, a new component of the transportation renewable fuel portfolio. <i>Fuel</i> , 2015 , 161, 262-268	7.1	3
33	Effects of different chemical additives on biodiesel fuel properties and engine performance. A comparison review. <i>MATEC Web of Conferences</i> , 2016 , 38, 03002	0.3	5
32	An investigation on the effects of using DEE additive in a DI diesel engine fuelled with waste plastic oil. <i>Fuel</i> , 2016 , 180, 90-96	7.1	78
31	Experimental studies on the performance, emission and combustion characteristics of a biodiesel-fuelled (Pongamia methyl ester) diesel engine with diethyl ether as an oxygenated fuel additive. <i>International Journal of Ambient Energy</i> , 2016 , 37, 439-445	2	13
30	Analysis of blended fuel properties and cycle-to-cycle variation in a diesel engine with a diethyl ether additive. <i>Energy Conversion and Management</i> , 2016 , 108, 511-519	10.6	60
29	Performance, combustion and emission study on CI engine using microalgae oil and microalgae oil methyl esters. <i>Journal of the Energy Institute</i> , 2017 , 90, 513-521	5.7	51
28	An experimental study on the performance and emission characteristics of PCCI-DI engine fuelled with diethyl ether-biodiesel-diesel blends. <i>Renewable Energy</i> , 2017 , 107, 440-447	8.1	65
27	Impacts of additives on performance and emission characteristics of diesel engines during steady state operation. <i>Progress in Energy and Combustion Science</i> , 2017 , 59, 32-78	33.6	237
26	Various strategies for reducing Nox emissions of biodiesel fuel used in conventional diesel engines: A review. <i>Chemical Engineering Communications</i> , 2017 , 204, 1202-1223	2.2	57

25	Kinetics of the transesterification of non-edible Thevetia peruviana seed oil with dimethyl carbonate catalyzed by potassium methoxide. <i>Egyptian Journal of Petroleum</i> , 2017 , 26, 363-370	3.4	4
24	Effect of emulsification and blending on the oxygenation and substitution of diesel fuel for compression ignition engine. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 75, 1281-1294	16.2	53
23	A comparative study on performance, combustion and emission characteristics of diesel engine fuelled by biodiesel blends with and without an additive. <i>Fuel</i> , 2018 , 225, 343-348	7.1	52
22	A Review Study on the Using of Diethyl Ether in Diesel Engines: Effects on Fuel Properties and Engine Performance. <i>Energy Technology</i> , 2018 , 6, 2084-2114	3.5	7
21	Performance and emission characteristics of diesel engine using biodiesel with the effect of Dimethyl carbonate (DMC) fumigation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019 , 1-13	1.6	6
20	Impact of addition of two ether additives with high speed diesel- Calophyllum Inophyllum biodiesel blends on NOx reduction in CI engine. <i>Energy</i> , 2019 , 185, 39-54	7.9	21
19	Performance and emissions characteristics of a variable compression ratio engine operated on dual fuel mode using diesel and biodiesel with additives. <i>Journal of Physics: Conference Series</i> , 2019 , 1276, 012084	0.3	2
18	A review study on using diethyl ether in diesel engines: Effects on fuel properties, injection, and combustion characteristics. <i>Energy and Environment</i> , 2020 , 31, 179-214	2.4	14
17	Experimental investigation on the influences of acetone organic compound additives into the diesel/biodiesel mixture in CI engine. <i>Sustainable Energy Technologies and Assessments</i> , 2020 , 37, 100614	4.7	18
16	Performance and emission characteristics of twin cylinder diesel engine fueled with mahua biodiesel and DEE. <i>Transportation Engineering</i> , 2020 , 2, 100024	3	9
15	Performance analysis and control of NOx emissions in diesel engine using on-board acetylene gas from calcium carbide. <i>Materials Today: Proceedings</i> , 2020 , 33, 4887-4892	1.4	3
14	Influence of diethyl ether on engine performance and emissions characteristics of blends of butanol, pentanol or biodiesel (neem oil methyl ester) in a single cylinder diesel engine. <i>International Journal of Ambient Energy</i> , 2021 , 42, 435-443	2	4
13	Improving Werewere (Cucumeropsis Mannii N.) Oil Biodiesel Fuel Characteristics Using Diethyl Ether Additives. 2021 , 502-511		
12	Impact of Biodiesel Diesel and Diethyl Ether Blends on the Performance and Emissions of a Dual Fuel Diesel Engine. <i>Journal of the Institution of Engineers (India): Series C</i> , 2021 , 102, 705	0.9	0
11	Production Of Biofuel From Sesame Oil And Its Characterization As An Alternative Fuel For Diesel Engine. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021 , 1116, 012076	0.4	0
10	Di-ethyl ether-diesel blends fuelled off-road tractor engine: Part-II: Unregulated and particulate emission characteristics. <i>Fuel</i> , 2022 , 308, 121973	7.1	4
9	A Review Study on the Using of Diethyl Ether in Diesel Engines: Effects on NOx Emissions. <i>International Journal of Automotive Engineering and Technologies</i> , 2018 , 7, 164-183	0.4	4
8	A review study on the using of diethyl ether in diesel engines: Effects on CO emissions. <i>International Journal of Automotive Science and Technology</i> ,	0.8	3

7	A Review Study on the Using of Diethyl Ether in Diesel Engines: Effects on HC Emissions. <i>European Journal of Science and Technology</i> , 109-124	0.4	1
6	Comparative analysis of combustion and heat release characteristics of Alexandrian Laurel methyl ester fueled VCR DI diesel engine. <i>Materials Today: Proceedings</i> , 2022 ,	1.4	
5	Opportunities and challenges for the application of biodiesel as automotive fuel for 21 st century. <i>Biofuels, Bioproducts and Biorefining</i> ,	5.3	0
4	A numerical approach in the investigation of the effects of diethyl ether and ethanol mixtures on combustion characteristics and NO emissions in a DI diesel engine. <i>European Mechanical Science</i> , 2022 , 6, 110-118	0.5	1
3	Performance and emission characteristics of Mahua blended biodiesel. 2022 ,		0
2	Various Pre-Treatment Methods to Reduce Free Fatty Acid Content in Non-Edible Vegetable Oils for Biodiesel Production. 2022 , 34, 3021-3025		0
1	Towards sustainable continuous co-production of biodiesel and ether from wet microalgae- a review. 1-12		0