

Methanol as a fuel for internal combustion engines

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Exhaust Emissions and Physicochemical Properties of n-Butanol/Diesel Blends with 2-Ethylhexyl Nitrate (EHN) or Hydrotreated Used Cooking Oil (HUCO) as Cetane Improvers. <i>Energies</i> , 2018, 11, 3413.	1.6	3
2	Parametric study of a diesel engine fueled with directly injected methanol and pilot diesel. <i>Fuel</i> , 2019, 256, 115882.	3.4	24
3	Potential of e-Fischer Tropsch diesel and oxymethyl-ether (OMEx) as fuels for the dual-mode dual-fuel concept. <i>Applied Energy</i> , 2019, 253, 113622.	5.1	35
4	Introducing, evaluation and exergetic performance assessment of a novel hybrid system composed of MCFC, methanol synthesis process, and a combined power cycle. <i>Energy Conversion and Management</i> , 2019, 197, 111878.	4.4	61
5	Copper zinc oxide nanocatalysts grown on cordierite substrate for hydrogen production using methanol steam reforming. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 22936-22946.	3.8	43
6	Noise Source Separation of an Internal Combustion Engine Based on a Single-Channel Algorithm. <i>Shock and Vibration</i> , 2019, 2019, 1-19.	0.3	3
7	Effect of excess air/fuel ratio and methanol addition on the performance, emissions, and combustion characteristics of a natural gas/methanol dual-fuel engine. <i>Fuel</i> , 2019, 255, 115799.	3.4	35
8	The Electron Impact Ionization Cross Sections of Methanol, Ethanol and 1-Propanol. <i>Atoms</i> , 2019, 7, 60.	0.7	5
9	Investigation of environmental, operational and economic performance of methanol partially premixed combustion at low speed operation of a marine engine. <i>Journal of Cleaner Production</i> , 2019, 235, 1006-1019.	4.6	52
10	Numerical investigation of intake oxygen enrichment effects on radicals, combustion and unregulated emissions during cold start in a DISI methanol engine. <i>Fuel</i> , 2019, 253, 1406-1413.	3.4	22
11	Effects of the Initial Gel Fuel Temperature on the Ignition Mechanism and Characteristics of Oil-Filled Cryogel Droplets in the High-Temperature Oxidizer Medium. <i>Energy & Fuels</i> , 2019, 33, 11812-11820.	2.5	9
12	Experimental investigation on performance and emission characteristics of a CI diesel engine fueled with fusel oil/diesel fuel blends. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-16.	1.2	13
13	Self-recuperative high temperature co-electrolysis-based methanol production with vortex search-based exergy efficiency enhancement. <i>Journal of Cleaner Production</i> , 2019, 239, 118029.	4.6	17
14	The utilization of n-butanol/diesel blends in Acetylene Dual Fuel Engine. <i>Energy Reports</i> , 2019, 5, 1030-1040.	2.5	23
15	The knock study of high compression ratio SI engine fueled with methanol in combination with different EGR rates. <i>Fuel</i> , 2019, 257, 116098.	3.4	56
16	The effect of electron ambipolar diffusion on the ion current signals in a premixed methane flame. <i>Fuel</i> , 2019, 256, 115813.	3.4	11
17	The performance of turbocharged diesel engine with injected calophyllum inophyllum methyl ester blends and inducted babul wood gaseous fuels. <i>Fuel</i> , 2019, 257, 116060.	3.4	14
18	Properties of gasoline-ethanol-methanol ternary fuel blend compared with ethanol-gasoline and methanol-gasoline fuel blends. <i>Egyptian Journal of Petroleum</i> , 2019, 28, 371-376.	1.2	28

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20	Influence of ignition timing on performance and emission characteristics of an SI engine fueled with equi-volume blend of methanol and gasoline. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, , 1-15.	1.2	7
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22	Comparative study of combustion process and cycle-by-cycle variations of spark-ignition engine fueled with pure methanol, ethanol, and n-butanol at various air-fuel ratios. Fuel, 2019, 254, 115683.	3.4	44
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31	Investigation of methanol ignition phenomena using a rapid compression machine. Combustion and Flame, 2020, 211, 147-157.	2.8	14
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38	A spectral-splitting photovoltaic-thermochemical system for energy storage and solar power generation. <i>Applied Energy</i> , 2020, 260, 113631.	5.1	35
39	Experimental investigation on the potential of biogas/ethanol dual-fuel spark-ignition engine for power generation: Combustion, performance and pollutant emission analysis. <i>Applied Energy</i> , 2020, 261, 114438.	5.1	55
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41	Effects of molar expansion ratio of fuels on engine efficiency. <i>Fuel</i> , 2020, 263, 116743.	3.4	13
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