Yasufumi Yoshimoto

List of Publications by Year
in descending order

37 papers	430 citations	1937685 4 h-index	1720034 7 g-index
39 all docs	39 docs citations	39 times ranked	253 citing authors

#	Article	IF	Citations
1	Trade-off Improvements by Combining EGR and Supercharging Ignited by Next Generation Bio-alcohol Blended FAME Fuels in Diesel Dual Fuel Operation Using Natural Gas. Frontiers in Mechanical Engineering, 2020, 6, .	1.8	2
2	Effects of combining EGR and supercharging on the combustion characteristics of a diesel dual fuel engine with induced natural gas. Transactions of the JSME (in Japanese), 2018, 84, 18-00219-18-00219.	0.2	2
3	Influence of Boost Pressure on the Combustion Characteristics of a Dual Fuel Diesel Engine Ignited by Biofuels with Natural Gas. The Proceedings of the International Symposium on Diagnostics and Modeling of Combustion in Internal Combustion Engines, 2017, 2017.9, C204.	0.1	3
4	Influence of supercharging on the combustion characteristics of a dual fuel diesel engine with induced natural gas. Transactions of the JSME (in Japanese), 2016, 82, 15-00542-15-00542.	0.2	3
5	Diesel combustion characteristics of palm oil 2-butyl ester. Transactions of the JSME (in Japanese), 2015, 81, 15-00024-15-00024.	0.2	1
6	Diesel Combustion Characteristics of Palm Oil Methyl Ester with 1-Butanol. , 2014, , .		2
7	Diesel Combustion Characteristics of Coconut Oil Ester Fuels. , 2014, , .		1
8	Influence of the Kind of Fatty Acid Methyl Esters on Diesel Combustion and the Characteristics of Soot Formation in Single Droplet Combustion. , 2014, , .		1
9	Combustion Characteristics of a Dual Fuel Diesel Engine With Natural Gas (Influence of Cetane) Tj ETQq1 1 0.784314 rgBT /Overlock 10		5
10	Combustion Characteristics of a Dual Fuel Diesel Engine with CNG as the Main Fuel : Study for Methyl Oleate Used as an Ignition Fuel(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 916-923.	0.2	5
11	Combustion Characteristics of a Dual Fuel Diesel Engine with Natural Gas (Study with Fatty Acid) Tj ETQq1 1 0.784314 rgBT /Overlock 1		11
12	Combustion Characteristics of a Dual Fuel Diesel Engine with Coconut Oil Methyl Ester as an Ignition Fuel(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 1706-1711.	0.2	7
13	Influence of Fatty Acid Methyl Ester Composition on the Combustion Characteristics of Biodiesel Fuels(Thermal Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 847-854.	0.2	1
14	Performance and Emissions of Diesel Fuels Containing Rapeseed Oil and the Characteristics of Evaporation and Combustion of Single Droplets. , 2003, , .		11
15	Performance and Emission Characteristics of Diesel Engines Fueled by Rapeseed Oil-Gas Oil Blends.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2002, 68, 3191-3198.	0.2	4
16	Reduction of NOx and Smoke Emissions in a Diesel Engine Fueled by Biodiesel Emulsion Combined with EGR. , 2001, , .		35
17	Performance of a Diesel Engine Using Transesterified Fuel from Vegetable Oil. Effects of Water Emulsification.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2001, 67, 264-271.	0.2	6
18	Effect of Cooling Loss Reduction on Reducing BSFC of a Diesel Engine Fueled by Emulsified Fuel.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1995, 61, 3561-3566.	0.2	1

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19	Influence of Injection Direction on Performance of Diesel Engine with Emulsified Fuel. Journal of the Marine Engineering Society in Japan, 1993, 28, 228-235.	0.0	1
20	Influence of the Diameter of Single-Hole Nozzles on the Performance of a Diesel Engine Driven by Emulsified Fuel.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1991, 57, 3584-3589.	0.2	1
21	Studies on the microexplosion of emulsified fuels. 1st report. Effects of fuel properties, water contents, and particle sizes on the microexplosion on a hot surface.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1989, 55, 3538-3543.	0.2	9
22	Influence of injection characteristics on the performance of a diesel engine driven by emulsified fuel. (1st report. Spray characteristics of emulsified fuel).. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1988, 54, 1866-1871.	0.2	3
23	Influence of injection characteristics on the performance of a diesel engine driven by emulsified fuel. 2nd report. Spray characteristics and engine performance.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1988, 54, 2955-2960.	0.2	0
24	Combustion and gas compositions using hydrogen, methane, etc. as fuels in a closed vessel.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1987, 53, 262-267.	0.2	0
25	Influence of Combustion Chamber Configurations on the Combustion in Diesel Engine Driven by Emulsified Fuel. Bulletin of the JSME, 1982, 25, 1567-1573.	0.1	11
26	Influence of Fuel Properties on the Combustion in Diesel Engine Driven by the Emulsified Fuels. Bulletin of the JSME, 1982, 25, 612-619.	0.1	23
27	W/O Emulsion Realizes Low Smoke and Efficient Operation of DI Engines without High Pressure injection. , 0, , .		25
28	Influence of Emulsified Fuel Properties on the Reduction of BSFC in a Diesel Engine. , 0, , .		28
29	Reduction of NOx, Smoke, BSFC, and Maximum Combustion Pressure by Low Compression Ratios in a Diesel Engine Fuelled by Emulsified Fuel. , 0, , .		41
30	Improvement of BSFC by Reducing Diesel Engine Cooling Losses with Emulsified Fuel. , 0, , .		25
31	NOx Reduction with EGR in a Diesel Engine Using Emulsified Fuel. , 0, , .		7
32	Reduction of Nox, Smoke, and BSFC in a Diesel Engine Fueled by Biodiesel Emulsion with Used Frying Oil. , 0, , .		45
33	Performance of a Diesel Engine Fueled by Rapeseed oil Blended with Oxygenated Organic Compounds. , 0, , .		38
34	Performance of DI Diesel Engines Fueled by Water Emulsions with Equal Proportions of Gas Oil-Rapeseed Oil blends and the Characteristics of the Combustion of Single Droplets. , 0, , .		14
35	Performance and Emissions of a Diesel Engine Fueled by Biodiesel Derived from Different Vegetable Oils and the Characteristics of Combustion of Single Droplets. SAE International Journal of Fuels and Lubricants, 0, 2, 827-838.	0.2	12
36	Combustion Characteristics of a Dual Fuel Diesel Engine with Natural Gas (Lower limit of Cetane) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.2	16

#	Article	IF	Citations
37	Influence of Intake Air Dilution with N₂or CO₂Gases on the Combustion Characteristics of a Dual Fuel Diesel Engine with Natural Gas. , 0, , .		8