

Yasufumi Yoshimoto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reduction of Nox, Smoke, and BSFC in a Diesel Engine Fueled by Biodiesel Emulsion with Used Frying Oil. , 0, , .		45
2	Reduction of NOx, Smoke, BSFC, and Maximum Combustion Pressure by Low Compression Ratios in a Diesel Engine Fuelled by Emulsified Fuel. , 0, , .		41
3	Performance of a Diesel Engine Fueled by Rapeseed oil Blended with Oxygenated Organic Compounds. , 0, , .		38
4	Reduction of NOx and Smoke Emissions in a Diesel Engine Fueled by Biodiesel Emulsion Combined with EGR. , 2001, , .		35
5	Influence of Emulsified Fuel Properties on the Reduction of BSFC in a Diesel Engine. , 0, , .		28
6	W/O Emulsion Realizes Low Smoke and Efficient Operation of DI Engines without High Pressure injection. , 0, , .		25
7	Improvement of BSFC by Reducing Diesel Engine Cooling Losses with Emulsified Fuel. , 0, , .		25
8	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
9	Combustion Characteristics of a Dual Fuel Diesel Engine with Natural Gas (Lower limit of Cetane) Tj ETQq1 1 0.784314 rgBT /Overlock 0.2 16		11
10	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
11	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
12	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
13	Performance and Emissions of Diesel Fuels Containing Rapeseed Oil and the Characteristics of Evaporation and Combustion of Single Droplets. , 2003, , .		11
14	Combustion Characteristics of a Dual Fuel Diesel Engine with Natural Gas (Study with Fatty Acid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 11		11
15	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
16	Influence of Intake Air Dilution with N₂ or CO₂ Gases on the Combustion Characteristics of a Dual Fuel Diesel Engine with Natural Gas. , 0, , .		8
17	NOx Reduction with EGR in a Diesel Engine Using Emulsified Fuel. , 0, , .		7
18	Combustion Characteristics of a Dual Fuel Diesel Engine with Coçonut 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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Combustion Characteristics of a Dual Fuel Diesel Engine With Natural Gas (Influence of Cetane) Tj ETQq1 1 0.784314 rgBT /Q ₅ overlock		
22	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
23	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
24	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
25	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
26	Diesel Combustion Characteristics of Palm Oil Methyl Ester with 1-Butanol. , 2014, , .		2
27	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
28	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
29	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
30	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
31	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
32	Diesel Combustion Characteristics of Coconut Oil Ester Fuels. , 2014, , .		1
33	Influence of the Kind of Fatty Acid Methyl Esters on Diesel Combustion and the Characteristics of Soot Formation in Single Droplet Combustion. , 2014, , .		1
34	Diesel combustion characteristics of palm oil 2-butyl ester. Transactions of the JSME (in Japanese), 2015, 81, 15-00024-15-00024.	0.2	1
35	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
36	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

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37	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