

Valentin Soloiu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

447
citations

1163117

8
h-index

1372567

10
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all docs

25
docs citations

25
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	PFI (port fuel injection) of n-butanol and direct injection of biodiesel to attain LTC (low-temperature) Tj ETQq1 1 0.784314 rgBT /Over	8.8	120
2	LTC (low-temperature combustion) analysis of PCCI (premixed charge compression ignition) with n-butanol and cotton seed biodiesel versus combustion and emissions characteristics of their binary mixtures. Renewable Energy, 2018, 123, 323-333.	8.9	63
3	Combustion characteristics of a charcoal slurry in a direct injection diesel engine and the impact on the injection system performance. Energy, 2011, 36, 4353-4371.	8.8	42
4	Simultaneous Reduction of NO _x and Soot in a Diesel Engine through RCCI Operation with PFI of n-butanol and DI of Cottonseed Biodiesel. , 0, , .		32
5	Reactivity controlled compression ignition and low temperature combustion of Fischer-Tropsch Fuel Blended with n-butanol. Renewable Energy, 2019, 134, 1173-1189.	8.9	32
6	Reactivity Controlled Compression Ignition combustion and emissions using n-butanol and methyl oleate. Energy, 2018, 165, 911-924.	8.8	30
7	Oleic Methyl Ester Investigations in an Indirect Injection Diesel Engine; Stage One: Combustion Investigations. SAE International Journal of Fuels and Lubricants, 0, 4, 58-75.	0.2	19
8	Investigation of Low Temperature Combustion Regimes of Biodiesel With N-Butanol Injected in the Intake Manifold of a Compression Ignition Engine. Journal of Energy Resources Technology, Transactions of the ASME, 2013, 135, .	2.3	18
9	Performance of an IDI Engine Fueled with Fatty Acid Methyl Esters Formulated from Cotton Seeds Oils. SAE International Journal of Fuels and Lubricants, 0, 8, 277-289.	0.2	15
10	Fischer-Tropsch coal-to-liquid fuel negative temperature coefficient region (NTC) and low-temperature heat release (LTHR) in a constant volume combustion chamber (CVCC). Energy, 2020, 198, 117288.	8.8	12
11	Investigation of Dual Fuel PCCI (PFI of n-Butanol and DI-ULSD) Compared with DI of Binary Mixtures of the Same Fuels in an Omnivorous Diesel Engine. , 0, , .		11
12	Evaluation of Peanut Fatty Acid Methyl Ester Sprays, Combustion, and Emissions, for Use in an Indirect Injection Diesel Engine. Energy & Fuels, 2013, 27, 2608-2618.	5.1	10
13	n-Butanol and Oleic Acid Methyl Ester, Combustion and NVH Characteristics In Reactivity Controlled Compression Ignition. Energy, 2020, 207, 118183.	8.8	8
14	Constant volume combustion chamber (CVCC) investigations of aerospace F-24 and Jet-A in low-temperature heat release and negative temperature coefficient regions. Energy Conversion and Management, 2022, 263, 115687.	9.2	8
15	The Impact of a Polyethylene-Diesel Blended Fuel on Combustion and Emissions in a Compression Ignition Engine. , 0, , .		7
16	Combustion and Emissions Characteristics of Dual Fuel Premixed Charge Compression Ignition with Direct Injection of Synthetic FT Kerosene Produced from Natural Gas and Port Fuel Injection of n-Butanol. , 0, , .		7
17	The Influence of Peanut Fatty Acid Methyl Ester Blends on Combustion in an Indirect Injection Diesel Engine. , 2011, , .		4
18	Performance Evaluation - Combustion, Emissions and Vibrations-of n-Butanol Binary Mixture with ULSD in an Indirect Injection Engine. , 0, , .		2

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation on the Combustion and Emissions Characteristics of n-Butanol / GTL and n-Butanol/Diesel Blends in a Single-Cylinder MD-CI Engine. , 0, , .		2
20	Investigations on Gaseous Emissions, Sound and Vibrations Levels of a DI Engine Fueled with 100% Cottonseed Biodiesel. , 2017, , .		2
21	Combustion and Emissions of Jet-A and N-Butanol in RCCI Operation. , 2017, , .		1
22	Numerical and Experimental Analysis of a Single Stage Drone Jet Engine. , 2021, , .		1
23	WEAR AND FRICTION EFFECTS ON ENGINE MATERIALS OF N-BUTANOL IN ULTRA LOW SULFUR DIESEL MIXTURES. International Journal of Surface Engineering and Interdisciplinary Materials Science, 2022, 10, 0-0.	0.4	1
24	Combustion and Emissions Characteristics of a Brassica Carinata FAME and N-Butanol Blend. , 2016, , .		0
25	Performance of a Supercharged Engine Fueled With a CTL Binary Mixture at Different Injection Pressures. , 2017, , .		0