

D Ganesh

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,659
citations

759233

12
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of high efficiency and clean reactivity controlled compression ignition (RCCI) combustion in internal combustion engines. <i>Progress in Energy and Combustion Science</i> , 2015, 46, 12-71.	31.2	950
2	A comparative study on methanol/diesel and methanol/PODE dual fuel RCCI combustion in an automotive diesel engine. <i>Renewable Energy</i> , 2020, 145, 542-556.	8.9	161
3	Homogeneous charge compression ignition (HCCI) combustion of diesel fuel with external mixture formation. <i>Energy</i> , 2010, 35, 148-157.	8.8	121
4	Effect of nano-fuel additive on emission reduction in a biodiesel fuelled CI engine. , 2011, , .		70
5	Study of performance, combustion and emission characteristics of diesel homogeneous charge compression ignition (HCCI) combustion with external mixture formation. <i>Fuel</i> , 2008, 87, 3497-3503.	6.4	52
6	Production and characterization of bio-mix fuel produced from a ternary and quaternary mixture of raw oil feedstock. <i>Journal of Cleaner Production</i> , 2019, 221, 271-285.	9.3	46
7	A comprehensive parametric, energy and exergy analysis for oxygenated biofuels based dual-fuel combustion in an automotive light duty diesel engine. <i>Fuel</i> , 2020, 277, 118167.	6.4	39
8	A comprehensive insight from microalgae production process to characterization of biofuel for the sustainable energy. <i>Fuel</i> , 2022, 310, 122320.	6.4	37
9	Production, combustion and emission impact of bio-mix methyl ester fuel on a stationary light duty diesel engine. <i>Journal of Cleaner Production</i> , 2019, 233, 147-159.	9.3	31
10	Impact of bio-mix fuel on performance, emission and combustion characteristics in a single cylinder DICl VCR engine. <i>Renewable Energy</i> , 2020, 146, 111-124.	8.9	28
11	Experimental Investigation of Homogeneous Charge Compression Ignition Combustion of Biodiesel Fuel with External Mixture Formation in a CI engine. <i>Environmental Science & Technology</i> , 2014, 48, 3039-3046.	10.0	18
12	Statistical and experimental investigation of single fuel reactivity controlled compression ignition combustion on a non-road diesel engine. <i>Energy Conversion and Management</i> , 2019, 199, 112025.	9.2	16
13	Key Targets for Improving Algal Biofuel Production. <i>Clean Technologies</i> , 2021, 3, 711-742.	4.2	15
14	Effect of EGR and Premixed Mass Percentage on Cycle to Cycle Variation of Methanol/Diesel Dual Fuel RCCI Combustion. , 0, , .		13
15	Production and characterization of bio-mix fuel produced from the mixture of raw oil feedstock, and its effects on performance and emission analysis in DICl diesel engine. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16742-16761.	5.3	12
16	Experimental Investigation of Neat Biodieselsâ€™ Saturation Level on Combustion and Emission Characteristics in a CI Engine. <i>Energies</i> , 2021, 14, 5203.	3.1	11
17	Combustion and emission characteristics of reformulated biodiesel fuel in a single-cylinder compression ignition engine. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 243-252.	3.5	9
18	Effect of Polyoxymethylene Dimethyl Ethers-Diesel Blends as High-Reactivity Fuel in a Dual-Fuel Reactivity Controlled Compression Ignition Combustion. <i>SAE International Journal of Engines</i> , 0, 13, .	0.4	7

#	ARTICLE	IF	CITATIONS
19	Homogeneous Charge Compression Ignition (HCCI) Combustion of Diesel Fuel with External Mixture Formation. , 2009, , .		6
20	An integrated effort of medium reactivity fuel, in-cylinder, and after-treatment strategies to demonstrate potential reduction in challenging emissions of reactivity controlled compression ignition combustion. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2020, 234, 1260-1278.	1.9	6
21	Transesterification of Pyrolysed Castor Seed Oil in the Presence of CaCu(OCH ₃) ₂ Catalyst. Energies, 2021, 14, 6064.	3.1	6
22	Performance and Emission Analysis on Mixed-Mode Homogeneous Charge Compression Ignition (HCCI) Combustion of Biodiesel Fuel with External Mixture Formation. , 2012, , .		4
23	IMPACT OF OPERATING PARAMETERS ON ENERGY EFFICIENCY AND REGULATED EMISSIONS OF DUAL FUEL DIRECT INJECTED REACTIVITY-CONTROLLED COMPRESSION-IGNITION COMBUSTION. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-22.	2.3	1
24	Experimental Investigations on Combustion, Performance, and Emission Characteristics of Biodiesel Produced from Fatty Leather Wastes in a Compression Ignition Engine. , 2016, , .		0