

# D Ganesh

## List of Publications by Citations

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23  
papers

1,179  
citations

11  
h-index

24  
g-index

24  
ext. papers

1,426  
ext. citations

7.5  
avg, IF

5.5  
L-index

#	Paper	IF	Citations
23	Review of high efficiency and clean reactivity controlled compression ignition (RCCI) combustion in internal combustion engines. <i>Progress in Energy and Combustion Science</i> , <b>2015</b> , 46, 12-71	33.6	732
22	Homogeneous charge compression ignition (HCCI) combustion of diesel fuel with external mixture formation. <i>Energy</i> , <b>2010</b> , 35, 148-157	7.9	107
21	A comparative study on methanol/diesel and methanol/PODE dual fuel RCCI combustion in an automotive diesel engine. <i>Renewable Energy</i> , <b>2020</b> , 145, 542-556	8.1	89
20	Effect of nano-fuel additive on emission reduction in a biodiesel fuelled CI engine <b>2011</b> ,		47
19	Study of performance, combustion and emission characteristics of diesel homogeneous charge compression ignition (HCCI) combustion with external mixture formation. <i>Fuel</i> , <b>2008</b> , 87, 3497-3503	7.1	42
18	Production and characterization of bio-mix fuel produced from a ternary and quaternary mixture of raw oil feedstock. <i>Journal of Cleaner Production</i> , <b>2019</b> , 221, 271-285	10.3	28
17	A comprehensive parametric, energy and exergy analysis for oxygenated biofuels based dual-fuel combustion in an automotive light duty diesel engine. <i>Fuel</i> , <b>2020</b> , 277, 118167	7.1	22
16	Impact of bio-mix fuel on performance, emission and combustion characteristics in a single cylinder DICl VCR engine. <i>Renewable Energy</i> , <b>2020</b> , 146, 111-124	8.1	17
15	Production, combustion and emission impact of bio-mix methyl ester fuel on a stationary light duty diesel engine. <i>Journal of Cleaner Production</i> , <b>2019</b> , 233, 147-159	10.3	15
14	Experimental investigation of homogeneous charge compression ignition combustion of biodiesel fuel with external mixture formation in a CI engine. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 3039-46	10.3	13
13	Effect of EGR and Premixed Mass Percentage on Cycle to Cycle Variation of Methanol/Diesel Dual Fuel RCCI Combustion		11
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> , <b>2019</b> , 199, 112025	10.6	10
11	A comprehensive insight from microalgae production process to characterization of biofuel for the sustainable energy. <i>Fuel</i> , <b>2022</b> , 310, 122320	7.1	8
10	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> , <b>2019</b> , 26, 16742-16761	5.1	7
9	Combustion and emission characteristics of reformulated biodiesel fuel in a single-cylinder compression ignition engine. <i>International Journal of Environmental Science and Technology</i> , <b>2020</b> , 17, 243-252	3.3	7
8	Homogeneous Charge Compression Ignition (HCCI) Combustion of Diesel Fuel with External Mixture Formation <b>2009</b> ,		5
7	Performance and Emission Analysis on Mixed-Mode Homogeneous Charge Compression Ignition (HCCI) Combustion of Biodiesel Fuel with External Mixture Formation <b>2012</b> ,		4

6	Key Targets for Improving Algal Biofuel Production. <i>Clean Technologies</i> , <b>2021</b> , 3, 711-742	3.4	4
5	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> ,13,	2.4	4
4	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. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , <b>2020</b> , 234, 1260-1278	1.4	3
3	Transesterification of Pyrolysed Castor Seed Oil in the Presence of CaCu(OCH <sub>3</sub> ) <sub>2</sub> Catalyst. <i>Energies</i> , <b>2021</b> , 14, 6064	3.1	2
2	IMPACT OF OPERATING PARAMETERS ON ENERGY EFFICIENCY AND REGULATED EMISSIONS OF DUAL FUEL DIRECT INJECTED REACTIVITY-CONTROLLED COMPRESSION-IGNITION COMBUSTION. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> ,1-22	1.6	1
1	Experimental Investigation of Neat Biodiesels Saturation Level on Combustion and Emission Characteristics in a CI Engine. <i>Energies</i> , <b>2021</b> , 14, 5203	3.1	1