D Ganesh

List of Publications by Year in Descending Order

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	A comprehensive insight from microalgae production process to characterization of biofuel for the sustainable energy. *Fuel*, **2022**, 310, 122320	7.1	8
22	Key Targets for Improving Algal Biofuel Production. *Clean Technologies*, **2021**, 3, 711-742	3.4	4
21	Experimental Investigation of Neat Biodiesels Saturation Level on Combustion and Emission Characteristics in a CI Engine. *Energies*, **2021**, 14, 5203	3.1	1
20	Transesterification of Pyrolysed Castor Seed Oil in the Presence of CaCu(OCH3)2 Catalyst. *Energies*, **2021**, 14, 6064	3.1	2
19	A comprehensive parametric, energy and exergy analysis for oxygenated biofuels based dual-fuel combustion in an automotive light duty diesel engine. *Fuel*, **2020**, 277, 118167	7.1	22
18	Combustion and emission characteristics of reformulated biodiesel fuel in a single-cylinder compression ignition engine. *International Journal of Environmental Science and Technology*, **2020**, 17, 243-252	3.3	7
17	A comparative study on methanol/diesel and methanol/PODE dual fuel RCCI combustion in an automotive diesel engine. *Renewable Energy*, **2020**, 145, 542-556	8.1	89
16	Impact of bio-mix fuel on performance, emission and combustion characteristics in a single cylinder DICI VCR engine. *Renewable Energy*, **2020**, 146, 111-124	8.1	17
15	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	1.4	3
14	Production, combustion and emission impact of bio-mix methyl ester fuel on a stationary light duty diesel engine. *Journal of Cleaner Production*, **2019**, 233, 147-159	10.3	15
13	Production and characterization of bio-mix fuel produced from the mixture of raw oil feedstock, and its effects on performance and emission analysis in DICI diesel engine. *Environmental Science and Pollution Research*, **2019**, 26, 16742-16761	5.1	7
12	Production and characterization of bio-mix fuel produced from a ternary and quaternary mixture of raw oil feedstock. *Journal of Cleaner Production*, **2019**, 221, 271-285	10.3	28
11	Statistical and experimental investigation of single fuel reactivity controlled compression ignition combustion on a non-road diesel engine. *Energy Conversion and Management*, **2019**, 199, 112025	10.6	10
10	Review of high efficiency and clean reactivity controlled compression ignition (RCCI) combustion in internal combustion engines. *Progress in Energy and Combustion Science*, **2015**, 46, 12-71	33.6	732
9	Experimental investigation of homogeneous charge compression ignition combustion of biodiesel fuel with external mixture formation in a CI engine. *Environmental Science & Technology*, **2014**, 48, 3039-46	10.3	13
8	Performance and Emission Analysis on Mixed-Mode Homogeneous Charge Compression Ignition (HCCI) Combustion of Biodiesel Fuel with External Mixture Formation **2012**,		4
7	Effect of nano-fuel additive on emission reduction in a biodiesel fuelled CI engine **2011**,		47

6	Homogeneous charge compression ignition (HCCI) combustion of diesel fuel with external mixture formation. *Energy*, **2010**, 35, 148-157	7.9	107
5	Homogeneous Charge Compression Ignition (HCCI) Combustion of Diesel Fuel with External Mixture Formation **2009**,		5
4	Study of performance, combustion and emission characteristics of diesel homogeneous charge compression ignition (HCCI) combustion with external mixture formation. *Fuel*, **2008**, 87, 3497-3503	7.1	42
3	Effect of EGR and Premixed Mass Percentage on Cycle to Cycle Variation of Methanol/Diesel Dual Fuel RCCI Combustion		11
2	Effect of Polyoxymethylene Dimethyl Ethers-Diesel Blends as High-Reactivity Fuel in a Dual-Fuel Reactivity Controlled Compression Ignition Combustion. *SAE International Journal of Engines*,13,	2.4	4
1	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*,1-22	1.6	1