

Sathiyamoorthi Ramalingam

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

516
citations

933264

10
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of using ethanol as additive on the combustion and emissions of a direct injection diesel engine fuelled with neat lemongrass oil-diesel fuel blend. <i>Renewable Energy</i> , 2017, 101, 747-756.	4.3	111
2	Effect of antioxidant additives on the performance and emission characteristics of a DICl engine using neat lemongrass oil-diesel blend. <i>Fuel</i> , 2016, 174, 89-96.	3.4	98
3	Combined effect of nanoemulsion and EGR on combustion and emission characteristics of neat lemongrass oil (LGO)-DEE-diesel blend fuelled diesel engine. <i>Applied Thermal Engineering</i> , 2017, 112, 1421-1432.	3.0	85
4	Experimental investigation on performance, combustion and emission characteristics of a single cylinder diesel engine fuelled by biodiesel derived from <i>Cymbopogon Martini</i> . <i>Renewable Energy</i> , 2019, 132, 394-415.	4.3	68
5	Experimental study of spray analysis for Palmarosa <sc>biodiesel-diesel</sc> blends in a constant volume chamber. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e013696.	1.3	35
6	Critical Review on Effects of Alcohols and Nanoadditives on Performance and Emission in Low-Temperature Combustion Engines: Advances and Perspectives. <i>Energy & Fuels</i> , 2022, 36, 7245-7268.	2.5	27
7	Experimental investigation on lowering the environmental hazards and improving the performance patterns of solar flat plate collectors by employing the internal longitudinal fins and nano additives. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45390-45404.	2.7	20
8	FUEL INJECTION TIMINGS OF A DIRECT INJECTION DIESEL ENGINE RUNNING ON NEAT LEMONGRASS OIL-DIESEL BLENDS. <i>International Journal of Automotive and Mechanical Engineering</i> , 2015, 11, 2348-2363.	0.5	18
9	Environment-friendly fuel <i>Cymbopogon flexuosus</i>: Analysis of fuel properties, performance, and emission parameters of a Direct Injection Compression Ignition research engine. <i>Heat Transfer</i> , 2021, 50, 6589-6627.	1.7	15
10	Analysis of optimising injection parameters and EGR for DICl engine performance powered by lemongrass oil using Box-Behnken (RSM) modelling. <i>International Journal of Ambient Energy</i> , 2022, 43, 6362-6379.	1.4	13
11	Performance of Waste Insulating Mineral Oil-Based Biodiesel in a Direct-Injection CI Engine. <i>International Journal of Automotive and Mechanical Engineering</i> , 2021, 18, .	0.5	8
12	Effect of Cerium oxide nanoparticles derived from biosynthesis of <i>Azadirachta indica</i> on stability and performance of a research CI engine powered by Diesel-Lemongrass oil blends. <i>Energy and Environment</i> , 2023, 34, 886-908.	2.7	7
13	Thermal performance of U-shaped serpentine microchannel heat sink using various metal oxide nanofluids. <i>Heat Transfer</i> , 2021, 50, 3094-3118.	1.7	6
14	Influence of baffles in heat transfer fluid characteristics using CFD evaluation. <i>International Journal of Ambient Energy</i> , 2022, 43, 7088-7100.	1.4	3
15	Effect of Alumina Nanoparticles on Performance and Emission Study of DICl Engine Fuelled by <i>Cymbopogon Flexuosus</i> . <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 29-42.	0.3	2