

Ganesan Subbiah

List of Publications by Year in descending order

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31
papers

798
citations

567281

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32
all docs

32
docs citations

32
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive study on emission and performance characteristics of a diesel engine fueled with nanoparticle-blended biodiesel. <i>Environmental Science and Pollution Research</i> , 2019, 26, 10662-10672.	5.3	139
2	Experimental assessment of performance and exhaust emission characteristics of a diesel engine fuelled with Punnai biodiesel/butanol fuel blends. <i>Petroleum Science</i> , 2019, 16, 1471-1478.	4.9	97
3	Emission study of a diesel engine fueled with higher alcohol-biodiesel blended fuels. <i>International Journal of Green Energy</i> , 2019, 16, 667-673.	3.8	86
4	Detailed study on the effect of nano-particle size on emission characteristics of diesel engine. <i>Petroleum Science and Technology</i> , 2019, 37, 2018-2024.	1.5	50
5	Assessment of the emission characteristics of the diesel engine with nano-particle in neem biodiesel. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2024, 42, 2623-2631.	2.3	36
6	The influence of injection parameters on the performance and emission characteristics of a DI diesel engine using biofuel-blended-pure diesel fuel. <i>International Journal of Ambient Energy</i> , 2019, 40, 800-803.	2.5	28
7	Emission behaviour studies on the cause of ZnO nanoparticle inclusion in neat biodiesel. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 1989-1996.	2.3	28
8	Performance and emission analysis of waste cooking oil as green diesel in 4S diesel engine. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	24
9	Evaluation of compression ignition engine ignition patterns fueled with dual fuels. <i>International Journal of Green Energy</i> , 2022, 19, 676-684.	3.8	22
10	Emission and performance analysis of thermochemical conversion of bio-oil using waste animal fat. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	21
11	Experimental investigation on solar-powered ejector refrigeration system integrated with different concentrators. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16298-16307.	5.3	21
12	Study of <i>Annona squamosa</i> as alternative green power fuel in diesel engine. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 3199-3208.	4.6	20
13	Experimental and synthesis of chicken slaughter waste biodiesel in DI diesel engine. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	19
14	Environmental emission control in CI engine using hydro treated bio-fuel in India. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	19
15	Detailed study on the influence of silicon oxide on emission characteristics of VCR diesel engine with blends of camelina biodiesel. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	17
16	Analysis on improving the conversion rate and waste reduction on bioconversion of <i>Citrullus lanatus</i> seed oil and its characterization. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100497.	3.3	17
17	Effect of nano additives in engine performance and emission characteristics using biodiesel fuel. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	16
18	Reduction of NO _x emissions with low viscous biofuel using exhaust gas recirculation technique. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	16

#	ARTICLE	IF	CITATIONS
19	Optimum design of catalytic converter to reduce carbon monoxide emissions on diesel engine. AIP Conference Proceedings, 2020, , .	0.4	16
20	Multi-objective optimization of VCR diesel engine performance and emissions fueled with diesel-lime steam oil blends using grey relational analysis. AIP Conference Proceedings, 2020, , .	0.4	15
21	Production and experimental analysis of poultry litter biofuel in DI diesel engine. AIP Conference Proceedings, 2020, , .	0.4	15
22	Influence of CNG emissions in copper coated catalytic converter in 4-stroke S.I. engine. AIP Conference Proceedings, 2020, , .	0.4	15
23	Investigations of combustion, performance, and emission characteristics in a diesel engine fueled with <i>Prunus domestica</i> methyl ester and n-butanol blends. Environmental Progress and Sustainable Energy, 2022, 41, .	2.3	15
24	Impact of nano additives in DI diesel engine to investigate performance and emission characteristics by using biodiesel blended with diesel. AIP Conference Proceedings, 2020, , .	0.4	13
25	Experimental research on waste and inedible feedstock as a partial alternate fuel: environmental protection and energy-saving initiative. Biomass Conversion and Biorefinery, 0, , .	4.6	11
26	Experimental study on utilizing peel oil, diesel and ignition-enhancer blends as fuel for diesel engine. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	2.3	6
27	Environmental impact of waste plastic pyrolysis oil on insulated piston diesel engine with methoxyethyl acetate additive. Petroleum Science and Technology, 2023, 41, 1113-1130.	1.5	3
28	Computational investigation and design optimization of vortex generator for a sport utility vehicle using CFD. AIP Conference Proceedings, 2020, , .	0.4	1
29	Experimental investigation of north wall insulated greenhouse solar dryer with different reflectors. AIP Conference Proceedings, 2020, , .	0.4	1
30	Wear optimization of graphene reinforced magnesium AZ31 composite using Taguchi design. AIP Conference Proceedings, 2020, , .	0.4	0
31	Evaluation of performance parameters on diesel engine with nano catalysts additives using dual fuel. Materials Today: Proceedings, 2022, , .	1.8	0