

S Ganesan

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

952
citations

393982

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276
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission, performance, and combustion study on nanoparticle-biodiesel fueled diesel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 8396-8407.	1.2	19
2	Investigation on the performance, emission and combustion pattern of research diesel engine fueled with higher alcohol and pongamia biodiesel blends. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 4777-4788.	1.2	33
3	Experimental investigation on the viscosity and specific volume of gasoline fuel under the magnetisation process. <i>International Journal of Ambient Energy</i> , 2022, 43, 486-491.	1.4	8
4	Influence of substrate temperature on coated engine piston head using multi-response optimisation techniques. <i>International Journal of Ambient Energy</i> , 2022, 43, 610-617.	1.4	24
5	An overview of viscosity reduction techniques on hydrocarbon fluids. <i>International Journal of Ambient Energy</i> , 2022, 43, 32-41.	1.4	2
6	Assessing the performance of concave type stepped solar still with brick, sand, and concrete pieces. <i>International Journal of Ambient Energy</i> , 2022, 43, 3468-3484.	1.4	7
7	Statistical analysis of brick, sand and concrete pieces on the performance of concave type stepped solar still. <i>International Journal of Ambient Energy</i> , 2022, 43, 3727-3743.	1.4	9
8	Performance and emission test on diesel engine using <i>Prosopis juliflora</i> seed oil. <i>International Journal of Ambient Energy</i> , 2022, 43, 1701-1706.	1.4	33
9	Effect of various factors and diverse approaches to enhance the performance of solar stills: a comprehensive review. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 4491-4522.	2.0	42
10	Performance assessment of concave-type stepped desalination unit with nanoparticles and varying water depth: an experimental approach. <i>International Journal of Ambient Energy</i> , 2022, 43, 5041-5054.	1.4	5
11	Mechanical and Morphological Characteristics Study of Chemically Treated Banana Fiber Reinforced Phenolic Resin Composite with Vajram Resin. <i>Journal of Natural Fibers</i> , 2022, 19, 4731-4746.	1.7	12
12	Multiparametric Optimization on Influence of Ethanol and Biodiesel Blends on Nanocoated Engine by Full Factorial Design. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-9.	1.5	16
13	Emission investigation of higher alcohol and biodiesel blends in constant speed diesel engine. <i>International Journal of Ambient Energy</i> , 2021, 42, 11-14.	1.4	22
14	Study on emission characteristics of a methanol-biodiesel blends fuelled diesel engine. <i>International Journal of Ambient Energy</i> , 2021, 42, 314-318.	1.4	5
15	Effect of nano-fuel additive on performance and emission characteristics of the diesel engine using biodiesel blends with diesel fuel. <i>International Journal of Ambient Energy</i> , 2020, 41, 316-321.	1.4	49
16	Optimisation of CI engine parameter using blends of biodiesel by the Taguchi method. <i>International Journal of Ambient Energy</i> , 2020, 41, 205-208.	1.4	47
17	Effects of Nano additives on performance and emission characteristics of <i>Mentha longifolia</i> biodiesel. <i>International Journal of Ambient Energy</i> , 2020, 41, 322-325.	1.4	36
18	Effects of MgO as an additive in canola oil – an experimental study. <i>International Journal of Ambient Energy</i> , 2020, 41, 1-4.	1.4	45

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19	Emission characteristics on single cylinder diesel engine using biofuels. International Journal of Ambient Energy, 2020, 41, 1613-1616.	1.4	24
20	Robust design approach for intake manifold of the 1 litre turbo charger intercooler diesel engines. International Journal of Ambient Energy, 2020, 41, 1214-1226.	1.4	30
21	Environmental impact of VCR diesel engine characteristics using blends of cottonseed oil with nano additives. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, 42, 761-772.	1.2	45
22	Performance and emission characteristics of biodiesel derived from coconut acid oil. International Journal of Ambient Energy, 2020, 41, 627-630.	1.4	31
23	Design and analysis of exhaust manifold of the spark ignition engine for emission reduction. International Journal of Ambient Energy, 2020, 41, 659-664.	1.4	28
24	Investigation of Sapindus seed biodiesel with nano additive on single cylinder diesel engine. International Journal of Ambient Energy, 2020, 41, 1106-1109.	1.4	44
25	The thermal performance analyses of the solar energy-powered thermal energy storage system with MgCl ₂ ·6H ₂ O as PCM. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	0.8	9
26	Design and fabrication of dehydrator for vegetables and fruits. AIP Conference Proceedings, 2020, , .	0.3	0
27	Microstructure and corrosion behaviour of Ni-Ag and Ni-Cu composite coating for industrial applications. AIP Conference Proceedings, 2020, , .	0.3	0
28	Investigations on the impact of EGR with a modified combustion chamber for CI diesel engine using biodiesel. AIP Conference Proceedings, 2020, , .	0.3	18
29	Comprehensive review on the prediction of thermal behavior of solar stills with diverse designs. AIP Conference Proceedings, 2020, , .	0.3	9
30	Detailed study on the effect of different ignition enhancers in the binary blends of diesel/biodiesel as a possible substitute for unaltered compression ignition engine. Petroleum Science, 2020, 17, 1151-1158.	2.4	38
31	Effect of C3, C4, and C5 Alcohols Addition to Diesel in Conjunction with Injection Timing and Intake Dilution on the Characteristics of a DI Diesel Engine. Energy & Fuels, 2020, 34, 3305-3315.	2.5	41
32	Performance and emission study on the effect of oxygenated additive in neat biodiesel fueled diesel engine. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 2017-2027.	1.2	69
33	Experimental analysis of the effects of cerium oxide nanoparticles on a single-cylinder diesel engine using biofuel blended with diesel as fuel. International Journal of Ambient Energy, 2019, 40, 490-493.	1.4	31
34	Evaluation of performance and emission behaviour of DI diesel engine powered by biofuel. International Journal of Ambient Energy, 2019, 40, 566-570.	1.4	22
35	Impact of nano additive on engine characteristics using blends of thyme oil with diesel. International Journal of Ambient Energy, 2019, 40, 768-774.	1.4	26
36	Influence of cerium oxide additive and aloe vera biodiesel on a CI engine. International Journal of Ambient Energy, 2018, 39, 516-520.	1.4	52

#	ARTICLE	IF	CITATIONS
37	Emission study on the outcome of DMC on neem bio-diesel-ignited diesel engine. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-10.	1.2	19
38	Production Process Optimization study on the synthesis of Manilkara zapota seed bio-oil and its characterization. Biomass Conversion and Biorefinery, 0, , 1.	2.9	2