

S Ganesan

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

952
citations

393982

19
h-index

476904

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38
all docs

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docs citations

38
times ranked

276
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Performance and emission study on the effect of oxygenated additive in neat biodiesel fueled diesel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 2017-2027. | 1.2 | 69 |
| 2 | Influence of cerium oxide additive and aloe vera biodiesel on a CI engine. <i>International Journal of Ambient Energy</i> , 2018, 39, 516-520. | 1.4 | 52 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Environmental impact of VCR diesel engine characteristics using blends of cottonseed oil with nano additives. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 761-772. | 1.2 | 45 |
| 7 | Investigation of Sapindus seed biodiesel with nano additive on single cylinder diesel engine. <i>International Journal of Ambient Energy</i> , 2020, 41, 1106-1109. | 1.4 | 44 |
| 8 | 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 |
| 9 | 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. <i>Energy & Fuels</i> , 2020, 34, 3305-3315. | 2.5 | 41 |
| 10 | 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. <i>Petroleum Science</i> , 2020, 17, 1151-1158. | 2.4 | 38 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Experimental analysis of the effects of cerium oxide nanoparticles on a single-cylinder diesel engine using biofuel blended with diesel as fuel. <i>International Journal of Ambient Energy</i> , 2019, 40, 490-493. | 1.4 | 31 |
| 15 | Performance and emission characteristics of biodiesel derived from coconut acid oil. <i>International Journal of Ambient Energy</i> , 2020, 41, 627-630. | 1.4 | 31 |
| 16 | Robust design approach for intake manifold of the 1 litre turbo charger intercooler diesel engines. <i>International Journal of Ambient Energy</i> , 2020, 41, 1214-1226. | 1.4 | 30 |
| 17 | Design and analysis of exhaust manifold of the spark ignition engine for emission reduction. <i>International Journal of Ambient Energy</i> , 2020, 41, 659-664. | 1.4 | 28 |
| 18 | Impact of nano additive on engine characteristics using blends of thyme oil with diesel. <i>International Journal of Ambient Energy</i> , 2019, 40, 768-774. | 1.4 | 26 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Emission characteristics on single cylinder diesel engine using biofuels. <i>International Journal of Ambient Energy</i> , 2020, 41, 1613-1616. | 1.4 | 24 |
| 21 | Evaluation of performance and emission behaviour of DI diesel engine powered by biofuel. <i>International Journal of Ambient Energy</i> , 2019, 40, 566-570. | 1.4 | 22 |
| 22 | 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 |
| 23 | 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 |
| 24 | Emission study on the outcome of DMC on neem bio-diesel-ignited diesel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-10. | 1.2 | 19 |
| 25 | Investigations on the impact of EGR with a modified combustion chamber for CI diesel engine using biodiesel. <i>AIP Conference Proceedings</i> , 2020, , . | 0.3 | 18 |
| 26 | 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 |
| 27 | 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 |
| 28 | The thermal performance analyses of the solar energy-powered thermal energy storage system with MgCl ₂ ·6H ₂ O as PCM. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1. | 0.8 | 9 |
| 29 | 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 |
| 30 | Comprehensive review on the prediction of thermal behavior of solar stills with diverse designs. <i>AIP Conference Proceedings</i> , 2020, , . | 0.3 | 9 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | An overview of viscosity reduction techniques on hydrocarbon fluids. <i>International Journal of Ambient Energy</i> , 2022, 43, 32-41. | 1.4 | 2 |
| 36 | Production Process Optimization study on the synthesis of Manilkara zapota seed bio-oil and its characterization. <i>Biomass Conversion and Biorefinery</i> , 0, , 1. | 2.9 | 2 |

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|----|--|-----|-----------|
| 37 | Design and fabrication of dehydrator for vegetables and fruits. AIP Conference Proceedings, 2020, , . | 0.3 | 0 |
| 38 | Microstructure and corrosion behaviour of Ni-Ag and Ni-Cu composite coating for industrial applications. AIP Conference Proceedings, 2020, , . | 0.3 | 0 |