

M Feroskhan

List of Publications by Year in descending order

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32
papers

316
citations

933264

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887953

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32
all docs

32
docs citations

32
times ranked

254
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Performance, emission and combustion characteristics of various biodiesel blends. Journal of Thermal Analysis and Calorimetry, 2022, 147, 2455-2479. | 2.0 | 7 |
| 2 | Study of methane enrichment in a biogas fuelled HCCI engine. International Journal of Hydrogen Energy, 2022, 47, 3504-3514. | 3.8 | 14 |
| 3 | Numerical analysis of heat transfer in electric motor casing made of ceramic reinforced aluminium matrix composites. Materials Today: Proceedings, 2022, 51, 1510-1515. | 0.9 | 2 |
| 4 | Performance, emission and combustion characteristics of a biogas-diesel dual fuel engine using Taguchi method. Materials Today: Proceedings, 2022, 54, 548-556. | 0.9 | 8 |
| 5 | Investigations into the Combined Effect of Mahua Biodiesel Blends and Biogas in a Dual Fuel Engine. Energies, 2022, 15, 2057. | 1.6 | 3 |
| 6 | Effect of Thermophoresis on Heat Diffusion in Isobutane/Copper-Oxide Nanofluid under Pool Boiling Condition: Numerical Investigation. Journal of Nanomaterials, 2022, 2022, 1-10. | 1.5 | 1 |
| 7 | Regression-Analysis-Based Empirical Correlations to Design Regenerative Flow Machines. Energies, 2022, 15, 3861. | 1.6 | 0 |
| 8 | Fundamentals, Thermophysical Properties, and Heat Transfer Characteristics of Nanorefrigerants: A Review. Journal of Nanomaterials, 2022, 2022, 1-18. | 1.5 | 0 |
| 9 | Performance and emission characteristics of a methane fuelled HCCI engine at various injection location and operating speed. Materials Today: Proceedings, 2021, 46, 1022-1027. | 0.9 | 3 |
| 10 | Effects of operating parameters on the performance, emission and combustion indices of a biogas fuelled HCCI engine. Fuel, 2021, 298, 120799. | 3.4 | 37 |
| 11 | Exergy analysis of a biogas-diesel fuelled dual fuel engine. International Journal of Exergy, 2021, 36, 264. | 0.2 | 0 |
| 12 | Effect of plastic oil addition on performance and emission characteristics of biogas-diesel dual fuel engine using taguchi method and prediction of performance parameter using artificial neural network. IOP Conference Series: Earth and Environmental Science, 2021, 850, 012033. | 0.2 | 1 |
| 13 | Exergy analysis of a biogas-diesel fuelled dual fuel engine. International Journal of Exergy, 2021, 36, 264. | 0.2 | 0 |
| 14 | Evaluating the effect of intake parameters on the performance of a biogas-diesel dual-fuel engine using the Taguchi method. Biofuels, 2020, 11, 441-449. | 1.4 | 20 |
| 15 | Effects of butanol blending ratio in biogas-biodiesel dual fuel engine. IOP Conference Series: Earth and Environmental Science, 2020, 573, 012002. | 0.2 | 0 |
| 16 | An Efficient Cooling Tower for a Stationary Engine. IOP Conference Series: Earth and Environmental Science, 2020, 573, 012017. | 0.2 | 0 |
| 17 | Emission Characteristic of a Dual fuel Compression Ignition Engine Operating on Diesel + Hydrogen & Diesel + HHO gas with same Energy Share at Idling Condition. IOP Conference Series: Earth and Environmental Science, 2020, 573, 012001. | 0.2 | 7 |
| 18 | Investigations on biogas fuelled Homogeneous Charged Compression Ignition engine with Di ethyl ether -Biodiesel-Butanol blend as Pilot fuel. IOP Conference Series: Earth and Environmental Science, 2020, 573, 012003. | 0.2 | 1 |

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|----|---|-----|-----------|
| 19 | Simultaneous Reduction of NO _x and Smoke Emissions in Dual Fuel and HCCI Engines Operated on Biogas. <i>Advances in Mechatronics and Mechanical Engineering</i> , 2020, , 105-137. | 1.0 | 2 |
| 20 | Modelling of Biogas Fueled HCCI Engine for Various Inlet Conditions. <i>Learning and Analytics in Intelligent Systems</i> , 2020, , 394-403. | 0.5 | 1 |
| 21 | Enhancement of heat transfer in paraffin wax PCM using nano graphene composite for industrial helmets. <i>Journal of Energy Storage</i> , 2019, 26, 100982. | 3.9 | 60 |
| 22 | Measurement of tribological properties of Cu and Ag blended coconut oil nanofluids for metal cutting. <i>Engineering Science and Technology, an International Journal</i> , 2019, 22, 1187-1192. | 2.0 | 17 |
| 23 | Optimization of performance and emissions in a biogasâ€“diesel dual fuel engine with cerium oxide nanoparticle addition. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019, 233, 1178-1193. | 1.1 | 22 |
| 24 | Effects of charge preheating on the performance of a biogas-diesel dual fuel CI engine. <i>Engineering Science and Technology, an International Journal</i> , 2018, 21, 330-337. | 2.0 | 23 |
| 25 | Investigation of the effects of biogas flow rate and cerium oxide addition on the performance of a dual fuel CI engine. <i>Biofuels</i> , 2017, 8, 197-205. | 1.4 | 16 |
| 26 | Evaluating the Influence of Biogas Flow Rate and Addition of Cerium Oxide Nanoparticles on the Performance of a Dual Fuel Engine Using Taguchi Method. <i>Nano Hybrids and Composites</i> , 2017, 17, 179-193. | 0.8 | 0 |
| 27 | A review on the purification and use of biogas in compression ignition engines. <i>International Journal of Automative and Mechanical Engineering</i> , 2017, 14, 4383-4400. | 0.5 | 21 |
| 28 | Investigation of the effects of biogas composition on the performance of a biogasâ€“diesel dual fuel CI engine. <i>Biofuels</i> , 2016, 7, 593-601. | 1.4 | 38 |
| 29 | A study on the electro thermal properties of different CNT structures. , 2012, , . | | 1 |
| 30 | Investigation on the effect of intake air pressure in a biogas-diesel fueled dual-fuel engine. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-17. | 1.2 | 8 |
| 31 | Design and Analysis of a Formula SAE Vehicle Chain Sprocket under Static and Fatigue Loading Conditions. <i>SAE International Journal of Materials and Manufacturing</i> , 0, 14, 275-282. | 0.3 | 2 |
| 32 | Investigations on Biogas Fueled Dual Fuel Diesel Engine Employing Dimethyl Carbonate as a Fuel Blend. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-19. | 1.2 | 1 |