M Feroskhan

List of Publications by Year
in descending order

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Version: 2024-02-01

32 papers	316 citations	933264 10 h-index	887953 17 g-index
32 all docs	32 docs citations	32 times ranked	254 citing authors

#	Article	IF	Citations
1	Enhancement of heat transfer in paraffin wax PCM using nano graphene composite for industrial helmets. Journal of Energy Storage, 2019, 26, 100982.	3.9	60
2	Investigation of the effects of biogas composition on the performance of a biogasâ€“diesel dual fuel CI engine. Biofuels, 2016, 7, 593-601.	1.4	38
3	Effects of operating parameters on the performance, emission and combustion indices of a biogas fuelled HCCI engine. Fuel, 2021, 298, 120799.	3.4	37
4	Effects of charge preheating on the performance of a biogas-diesel dual fuel CI engine. Engineering Science and Technology, an International Journal, 2018, 21, 330-337.	2.0	23
5	Optimization of performance and emissions in a biogasâ€“diesel dual fuel engine with cerium oxide nanoparticle addition. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2019, 233, 1178-1193.	1.1	22
6	A review on the purification and use of biogas in compression ignition engines. International Journal of Automotive and Mechanical Engineering, 2017, 14, 4383-4400.	0.5	21
7	Evaluating the effect of intake parameters on the performance of a biogasâ€“diesel dual-fuel engine using the Taguchi method. Biofuels, 2020, 11, 441-449.	1.4	20
8	Measurement of tribological properties of Cu and Ag blended coconut oil nanofluids for metal cutting. Engineering Science and Technology, an International Journal, 2019, 22, 1187-1192.	2.0	17
9	Investigation of the effects of biogas flow rate and cerium oxide addition on the performance of a dual fuel CI engine. Biofuels, 2017, 8, 197-205.	1.4	16
10	Study of methane enrichment in a biogas fuelled HCCI engine. International Journal of Hydrogen Energy, 2022, 47, 3504-3514.	3.8	14
11	Investigation on the effect of intake air pressure in a biogas-diesel fueled dual-fuel engine. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-17.	1.2	8
12	Performance, emission and combustion characteristics of a biogasâ€“diesel dual fuel engine using Taguchi method. Materials Today: Proceedings, 2022, 54, 548-556.	0.9	8
13	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
14	Performance, emission and combustion characteristics of various biodiesel blends. Journal of Thermal Analysis and Calorimetry, 2022, 147, 2455-2479.	2.0	7
15	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
16	Investigations into the Combined Effect of Mahua Biodiesel Blends and Biogas in a Dual Fuel Engine. Energies, 2022, 15, 2057.	1.6	3
17	Design and Analysis of a Formula SAE Vehicle Chain Sprocket under Static and Fatigue Loading Conditions. SAE International Journal of Materials and Manufacturing, 0, 14, 275-282.	0.3	2
18	Simultaneous Reduction of NOx and Smoke Emissions in Dual Fuel and HCCI Engines Operated on Biogas. Advances in Mechatronics and Mechanical Engineering, 2020, , 105-137.	1.0	2

#	Article	IF	Citations
19	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
20	A study on the electro thermal properties of different CNT structures. , 2012, , .		1
21	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
22	Modelling of Biogas Fueled HCCI Engine for Various Inlet Conditions. Learning and Analytics in Intelligent Systems, 2020, , 394-403.	0.5	1
23	Investigations on Biogas Fueled Dual Fuel DIesel Engine Employing Dimethyl Carbonate as a Fuel Blend. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-19.	1.2	1
24	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
25	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
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. Nano Hybrids and Composites, 2017, 17, 179-193.	0.8	0
27	Effects of butanol blending ratio in biogas-biodiesel dual fuel engine. IOP Conference Series: Earth and Environmental Science, 2020, 573, 012002.	0.2	0
28	An Efficient Cooling Tower for a Stationary Engine. IOP Conference Series: Earth and Environmental Science, 2020, 573, 012017.	0.2	0
29	Exergy analysis of a biogas-diesel fuelled dual fuel engine. International Journal of Exergy, 2021, 36, 264.	0.2	0
30	Exergy analysis of a biogas-diesel fuelled dual fuel engine. International Journal of Exergy, 2021, 36, 264.	0.2	0
31	Regression-Analysis-Based Empirical Correlations to Design Regenerative Flow Machines. Energies, 2022, 15, 3861.	1.6	0
32	Fundamentals, Thermophysical Properties, and Heat Transfer Characteristics of Nanorefrigerants: A Review. Journal of Nanomaterials, 2022, 2022, 1-18.	1.5	0