

Prerana Nashine

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

924
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of diesel engine performance using spirulina microalgae biodiesel. Energy, 2019, 166, 1025-1036.	8.8	117
2	Effect of spirulina microalgae biodiesel enriched with diesel fuel on performance and emission characteristics of CI engine. Fuel, 2020, 268, 117305.	6.4	96
3	Performance, combustion and emission analysis of microalgae Spirulina in a common rail direct injection diesel engine. Fuel, 2019, 255, 115855.	6.4	92
4	Numerical investigation of performance, combustion and emission characteristics of various biofuels. Energy Conversion and Management, 2018, 156, 235-252.	9.2	87
5	Performance and emission analysis of a diesel engine using hydrogen enriched n-butanol, diethyl ester and Spirulina microalgae biodiesel. Fuel, 2020, 271, 117645.	6.4	75
6	ANN: Prediction of an experimental heat transfer analysis of concentric tube heat exchanger with corrugated inner tubes. Applied Thermal Engineering, 2017, 120, 219-227.	6.0	63
7	Optimization of performance and emission parameters of direct injection diesel engine fuelled with microalgae Spirulina (L.) " Response surface methodology and full factorial method approach. Fuel, 2021, 285, 119103.	6.4	61
8	Characteristics of microalgae spirulina biodiesel with the impact of n-butanol addition on a CI engine. Energy, 2019, 189, 116311.	8.8	48
9	Convective solar drying of Vitis vinifera & Momordica charantia using thermal storage materials. Renewable Energy, 2017, 113, 1193-1200.	8.9	44
10	Alternating the environmental benefits of Aegle-diesel blends used in compression ignition. Fuel, 2019, 256, 115835.	6.4	42
11	Numerical study on emission characteristics of a diesel engine fuelled with diesel-spirulina microalgae-ethanol blends at various operating conditions. Fuel, 2020, 262, 116519.	6.4	36
12	Financial assessment, performance and emission analysis of Moringa oleifera and Jatropha curcas methyl ester fuel blends in a single-cylinder diesel engine. Energy Conversion and Management, 2020, 224, 113362.	9.2	29
13	The effect of ethanol-methanol-diesel-microalgae blends on performance, combustion and emissions of a direct injection diesel engine. Sustainable Energy Technologies and Assessments, 2020, 42, 100851.	2.7	27
14	Experimental & predicative analysis of engine characteristics of various biodiesels. Fuel, 2021, 285, 119097.	6.4	25
15	BS-III Diesel Vehicles in Imphal, India: An Emission Perspective. Energy, Environment, and Sustainability, 2018, , 73-86.	1.0	20
16	Performance analysis and exhaust emissions of aegle methyl ester operated compression ignition engine. Thermal Science and Engineering Progress, 2019, 12, 100354.	2.7	20
17	Numerical analysis of performance and emission behavior of CI engine fueled with microalgae biodiesel blend. Materials Today: Proceedings, 2022, 49, 301-306.	1.8	13
18	Exhaust emission characteristics study of light and heavy-duty diesel vehicles in India. Case Studies in Thermal Engineering, 2022, 29, 101709.	5.7	13

#	ARTICLE	IF	CITATIONS
19	Experimental and numerical analysis of extrusion process for AA 7178 alloy with varying process parameters. Materials Today: Proceedings, 2018, 5, 6839-6847.	1.8	6
20	Analysis of an Anaerobic Digester using Numerical and Experimental Method for Biogas Production. Materials Today: Proceedings, 2018, 5, 5202-5207.	1.8	5
21	Hot Compression Test of AA 2014 aluminum Alloy with Microstructure Analysis and Processing Maps. Materials Today: Proceedings, 2018, 5, 7247-7255.	1.8	5
22	Transient Radiation Coupled With Conduction Heat Transfer in a One Dimensional Slab. Applied Mechanics and Materials, 2014, 619, 94-98.	0.2	0