Prerana Nashine

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5532716/publications.pdf

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22	924	567281 15	713466 21
papers	citations	h-index	g-index

22	22	22	621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Exhaust emission characteristics study of light and heavy-duty diesel vehicles in India. Case Studies in Thermal Engineering, 2022, 29, 101709.	5.7	13
3	Experimental & predicative analysis of engine characteristics of various biodiesels. Fuel, 2021, 285, 119097.	6.4	25
4	Optimization of performance and emission parameters of direct injection diesel engine fuelled with microalgae Spirulina (L.) â€“ Response surface methodology and full factorial method approach. Fuel, 2021, 285, 119103.	6.4	61
5	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
6	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
7	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
8	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
9	Effect of spirulina microalgae biodiesel enriched with diesel fuel on performance and emission characteristics of CI engine. Fuel, 2020, 268, 117305.	6.4	96
10	Alternating the environmental benefits of Aegle-diesel blends used in compression ignition. Fuel, 2019, 256, 115835.	6.4	42
11	Performance, combustion and emission analysis of microalgae Spirulina in a common rail direct injection diesel engine. Fuel, 2019, 255, 115855.	6.4	92
12	Characteristics of microalgae spirulina biodiesel with the impact of n-butanol addition on a CI engine. Energy, 2019, 189, 116311.	8.8	48
13	Performance analysis and exhaust emissions of aegle methyl ester operated compression ignition engine. Thermal Science and Engineering Progress, 2019, 12, 100354.	2.7	20
14	Assessment of diesel engine performance using spirulina microalgae biodiesel. Energy, 2019, 166, 1025-1036.	8.8	117
15	BS-III Diesel Vehicles in Imphal, India: An Emission Perspective. Energy, Environment, and Sustainability, 2018, , 73-86.	1.0	20
16	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
17	Analysis of an Anaerobic Digester using Numerical and Experimental Method for Biogas Production. Materials Today: Proceedings, 2018, 5, 5202-5207.	1.8	5
18	Numerical investigation of performance, combustion and emission characteristics of various biofuels. Energy Conversion and Management, 2018, 156, 235-252.	9.2	87

#	Article	IF	Citations
19	Hot Compression Test of AA 2014 aluminum Alloy with Microstructure Analysis and Processing Maps. Materials Today: Proceedings, 2018, 5, 7247-7255.	1.8	5
20	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
21	Convective solar drying of Vitis vinifera & Momordica charantia using thermal storage materials. Renewable Energy, 2017, 113, 1193-1200.	8.9	44
22	Transient Radiation Coupled With Conduction Heat Transfer in a One Dimensional Slab. Applied Mechanics and Materials, 2014, 619, 94-98.	0.2	0