

Zhichao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

198
citations

1478280

6
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

269
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of the gaseous and particulate matter emissions from a gas turbine combustor burning butyl butyrate and ethanol blends. <i>Applied Energy</i> , 2017, 195, 693-701.	5.1	49
2	Quantifying the effects of fuel compositions on GDI-derived particle emissions using the optimal mixture design of experiments. <i>Fuel</i> , 2015, 154, 252-260.	3.4	48
3	Comparative study of using multi-wall carbon nanotube and two different sizes of cerium oxide nanopowders as fuel additives under various diesel engine conditions. <i>Fuel</i> , 2019, 256, 115904.	3.4	47
4	Experimental and numerical study on the initial tip structure evolution of diesel fuel spray under various injection and ambient pressures. <i>Energy</i> , 2019, 186, 115867.	4.5	16
5	Lean ignition and blow-off behaviour of butyl butyrate and ethanol blends in a gas turbine combustor. <i>Fuel</i> , 2019, 239, 1351-1362.	3.4	14
6	Investigation of the macroscopic characteristics of Hydrotreated Vegetable Oil (HVO) spray using CFD method. <i>Fuel</i> , 2019, 237, 28-39.	3.4	6
7	Numerical Investigation of the Application of Miller Cycle and Low-Carbon Fuels to Increase Diesel Engine Efficiency and Reduce Emissions. <i>Energies</i> , 2022, 15, 1783.	1.6	6
8	Spray and engine performance of cerium oxide nanopowder and carbon nanotubes modified alternative fuel. <i>Fuel</i> , 2022, 320, 123952.	3.4	6
9	Investigation of the combustion and emissions of lignin-derived aromatic oxygenates in a marine diesel engine. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 1709.	1.9	3
10	Experimental and Numerical Investigation on the Macroscopic Characteristics of Hydrotreated Vegetable Oil (HVO) Spray. <i>Energy Procedia</i> , 2017, 142, 474-480.	1.8	2
11	Conceptual study of scroll-type rotary gasoline Internal Combustion Engine. <i>Energy Procedia</i> , 2017, 142, 1545-1551.	1.8	1