Zhichao Zhang

List of Publications by Year
in descending order

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