Wenjun Zhong

List of Publications by Year
in descending order

22	536	567144 15	752573 20
papers	citations	h-index	g-index

22	22	22	321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical Effects of CO₂ and H₂O Addition on Aromatic Species in Ethanol/Air Diffusion Flame. Combustion Science and Technology, 2022, 194, 589-607.	1.2	6
2	Numerical study of spray combustion and soot emission of gasolineâ€“biodiesel fuel under gasoline compression ignition-relevant conditions. Fuel, 2022, 310, 122293.	3.4	27
3	Experimental and modeling study of the autoignition characteristics of gasoline/hydrogenated catalytic biodiesel blends over low-to-intermediate temperature. Fuel, 2022, 313, 122919.	3.4	14
4	Optical study on needle lift and its effects on reacting diesel sprays of a single hole solenoid injector. Thermal Science, 2021, 25, 3763-3773.	0.5	1
5	Experimental study on in-flame soot formation and soot emission characteristics of gasoline/hydrogenated catalytic biodiesel blends. Fuel, 2021, 289, 119813.	3.4	21
6	An optical study on spray and combustion characteristics of ternary hydrogenated catalytic biodiesel/methanol/n-octanol blends; part ĐŸ: Liquid length and in-flame soot. Energy, 2021, 227, 120543.	4.5	46
7	Effect of diesel/gasoline/HCB blends and temperature on string cavitating flow in common-rail injector nozzle. Fuel, 2021, 304, 121402.	3.4	8
8	Experimental study the effect of injection strategies on combustion and emission characteristics in gasoline compression ignition engines using gasoline/hydrogenated catalytic biodiesel blends. Fuel, 2020, 278, 118156.	3.4	21
9	Effects of an injector cooling jacket on combustion characteristics of compressed-ignition sprays with a gasoline-hydrogenated catalytic biodiesel blend. Fuel, 2020, 276, 117947.	3.4	34
10	Experimental Study on Spray Characteristics of Gasoline/Hydrogenated Catalytic Biodiesel under GCI Conditions. Journal of Chemistry, 2020, 2020, 1-9.	0.9	6
11	Experimental study of combustion and emission characteristics of gasoline compression ignition (GCI) engines fueled by gasoline-hydrogenated catalytic biodiesel blends. Energy, 2019, 187, 115931.	4.5	27
12	An investigation on gasoline compression ignition (GCI) combustion in a heavy-duty diesel engine using gasoline/hydrogenated catalytic biodiesel blends. Applied Thermal Engineering, 2019, 160, 113952.	3.0	34
13	Combustion and emission characteristics of gasoline/hydrogenated catalytic biodiesel blends in gasoline compression ignition engines under different loads of double injection strategies. Applied Energy, 2019, 251, 113296.	5.1	39
14	Experimental study on spray and combustion of gasoline/hydrogenated catalytic biodiesel blends in a constant volume combustion chamber aimed for GCI engines. Fuel, 2019, 253, 129-138.	3.4	31
15	Simultaneous study on spray liquid length, ignition and combustion characteristics of diesel and hydrogenated catalytic biodiesel in a constant volume combustion chamber. Renewable Energy, 2019, 140, 761-771.	4.3	16
16	Experimental study of ignition, lift-off length and emission characteristics of diesel/hydrogenated catalytic biodiesel blends. Applied Energy, 2019, 235, 641-652.	5.1	34
17	A study of soot quantification in diesel flame with hydrogenated catalytic biodiesel in a constant volume combustion chamber. Energy, 2018, 145, 691-699.	4.5	39
18	Experimental study of spray characteristics of diesel/hydrogenated catalytic biodiesel blended fuels under inert and reacting conditions. Energy, 2018, 153, 349-358.	4.5	42

#	Article	IF	Citations
19	Simultaneous capture of liquid length of spray and flame lift-off length for second-generation biodiesel/diesel blended fuel in a constant volume combustion chamber. Fuel, 2017, 189, 260-269.	3.4	30
20	Experimental study of combustion and emission characteristics of diesel engine with diesel/second-generation biodiesel blending fuels. Energy Conversion and Management, 2016, 121, 241-250.	4.4	59
21	Large Eddy Simulation of the Internal Flow in Diesel Nozzles. , 2012, , .		0
22	Multiple-objective optimization of heavy-duty compression ignition engine fueled by gasoline/hydrogenated catalytic biodiesel blends at low loads. International Journal of Engine Research, 0, , 146808742110422.	1.4	1