

Wenjun Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

536
citations

567144

15
h-index

752573

20
g-index

22
all docs

22
docs citations

22
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of combustion and emission characteristics of diesel engine with diesel/second-generation biodiesel blending fuels. <i>Energy Conversion and Management</i> , 2016, 121, 241-250.	4.4	59
2	An optical study on spray and combustion characteristics of ternary hydrogenated catalytic biodiesel/methanol/n-octanol blends; part ĐY: Liquid length and in-flame soot. <i>Energy</i> , 2021, 227, 120543.	4.5	46
3	Experimental study of spray characteristics of diesel/hydrogenated catalytic biodiesel blended fuels under inert and reacting conditions. <i>Energy</i> , 2018, 153, 349-358.	4.5	42
4	A study of soot quantification in diesel flame with hydrogenated catalytic biodiesel in a constant volume combustion chamber. <i>Energy</i> , 2018, 145, 691-699.	4.5	39
5	Combustion and emission characteristics of gasoline/hydrogenated catalytic biodiesel blends in gasoline compression ignition engines under different loads of double injection strategies. <i>Applied Energy</i> , 2019, 251, 113296.	5.1	39
6	An investigation on gasoline compression ignition (GCI) combustion in a heavy-duty diesel engine using gasoline/hydrogenated catalytic biodiesel blends. <i>Applied Thermal Engineering</i> , 2019, 160, 113952.	3.0	34
7	Experimental study of ignition, lift-off length and emission characteristics of diesel/hydrogenated catalytic biodiesel blends. <i>Applied Energy</i> , 2019, 235, 641-652.	5.1	34
8	Effects of an injector cooling jacket on combustion characteristics of compressed-ignition sprays with a gasoline-hydrogenated catalytic biodiesel blend. <i>Fuel</i> , 2020, 276, 117947.	3.4	34
9	Experimental study on spray and combustion of gasoline/hydrogenated catalytic biodiesel blends in a constant volume combustion chamber aimed for GCI engines. <i>Fuel</i> , 2019, 253, 129-138.	3.4	31
10	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. <i>Fuel</i> , 2017, 189, 260-269.	3.4	30
11	Experimental study of combustion and emission characteristics of gasoline compression ignition (GCI) engines fueled by gasoline-hydrogenated catalytic biodiesel blends. <i>Energy</i> , 2019, 187, 115931.	4.5	27
12	Numerical study of spray combustion and soot emission of gasoline“biodiesel fuel under gasoline compression ignition-relevant conditions. <i>Fuel</i> , 2022, 310, 122293.	3.4	27
13	Experimental study the effect of injection strategies on combustion and emission characteristics in gasoline compression ignition engines using gasoline/hydrogenated catalytic biodiesel blends. <i>Fuel</i> , 2020, 278, 118156.	3.4	21
14	Experimental study on in-flame soot formation and soot emission characteristics of gasoline/hydrogenated catalytic biodiesel blends. <i>Fuel</i> , 2021, 289, 119813.	3.4	21
15	Simultaneous study on spray liquid length, ignition and combustion characteristics of diesel and hydrogenated catalytic biodiesel in a constant volume combustion chamber. <i>Renewable Energy</i> , 2019, 140, 761-771.	4.3	16
16	Experimental and modeling study of the autoignition characteristics of gasoline/hydrogenated catalytic biodiesel blends over low-to-intermediate temperature. <i>Fuel</i> , 2022, 313, 122919.	3.4	14
17	Effect of diesel/gasoline/HCB blends and temperature on string cavitating flow in common-rail injector nozzle. <i>Fuel</i> , 2021, 304, 121402.	3.4	8
18	Experimental Study on Spray Characteristics of Gasoline/Hydrogenated Catalytic Biodiesel under GCI Conditions. <i>Journal of Chemistry</i> , 2020, 2020, 1-9.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Chemical Effects of CO ₂ and H ₂ O Addition on Aromatic Species in Ethanol/Air Diffusion Flame. Combustion Science and Technology, 2022, 194, 589-607.	1.2	6
20	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
21	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
22	Large Eddy Simulation of the Internal Flow in Diesel Nozzles. , 2012, , .		0