

Hongliang Luo

List of Publications by Year in descending order

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28
papers

430
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933447

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145
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical variation analysis of fuel spray characteristics under cross-flow conditions. <i>Fuel</i> , 2022, 307, 121887.	6.4	9
2	Effect of split injection on fuel adhesion characteristics under non-evaporation and evaporation conditions. <i>Fuel</i> , 2022, 317, 123465.	6.4	4
3	Characteristics of wall-jet vortex development during fuel spray impinging on flat-wall under cross-flow conditions. <i>Fuel</i> , 2022, 317, 123507.	6.4	12
4	Investigation on fuel adhesion characteristics of wall-impingement spray under cross-flow conditions. <i>Fuel</i> , 2022, 320, 123925.	6.4	11
5	Characterization of diesel spray combustion using two-color pyrometry and OH [*] —chemiluminescence imaging- comparison between micro-hole and ultra-high injection pressure effects. <i>Journal of the Energy Institute</i> , 2022, 103, 104-116.	5.3	11
6	Ignition timing effect on the combustion performance of hydrogen addition in methane fermentation gas in a local energy system. <i>Fuel</i> , 2022, 324, 124714.	6.4	4
7	Microscopic characteristics of near-nozzle spray at the initial and end stages. <i>Fuel</i> , 2021, 283, 118953.	6.4	10
8	Experimental study on the droplet characteristics in the spray tip region: Comparison between the free and impinging spray. <i>Experimental Thermal and Fluid Science</i> , 2021, 121, 110288.	2.7	21
9	Microscopic characteristics of impinging spray sliced by a cone structure under increased injection pressures. <i>Fuel</i> , 2021, 284, 119033.	6.4	12
10	Microscopic characteristics of multiple droplets behaviors at the near-wall region during the quasi-steady state. <i>Fuel</i> , 2021, 286, 119431.	6.4	8
11	Comparisons in spray and atomization characteristics with/without hydro-erosive (HE) grinding in nozzle orifice under non-evaporation and evaporation conditions. <i>Fuel</i> , 2021, 297, 120789.	6.4	1
12	Droplets velocity and diameter variations of wall impinging spray created by slicer. <i>Fuel</i> , 2021, 299, 120894.	6.4	9
13	Experimental investigation on performance of hydrogen additions in natural gas combustion combined with CO ₂ . <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34958-34969.	7.1	13
14	Effect of spray impingement distance on piston top fuel adhesion in direct injection gasoline engines. <i>International Journal of Engine Research</i> , 2020, 21, 742-754.	2.3	23
15	Comparison of diesel spray with small injection amount between single-hole and multi-hole injectors: Results under same rail pressure and similar injection rate. <i>International Communications in Heat and Mass Transfer</i> , 2020, 118, 104862.	5.6	10
16	Characteristics of droplet behaviors after the end of injection in a high-pressure constant volume chamber. <i>Fuel</i> , 2020, 267, 117291.	6.4	12
17	Evaporation characteristics of fuel adhesion on the wall after spray impingement under different conditions through RIM measurement system. <i>Fuel</i> , 2019, 258, 116163.	6.4	24
18	Fuel adhesion characteristics under non-evaporation and evaporation conditions: Part 2 “Effect of ambient pressure. <i>Fuel</i> , 2019, 251, 98-105.	6.4	15

#	ARTICLE	IF	CITATIONS
19	Fuel adhesion characteristics under non-evaporation and evaporation conditions: Part 1-effect of injection pressure. Fuel, 2019, 240, 317-325.	6.4	27
20	Microscopic behavior of spray droplets under flat-wall impinging condition. Fuel, 2018, 219, 467-476.	6.4	65
21	Effect of temperature on fuel adhesion under spray-wall impingement condition. Fuel, 2018, 234, 56-65.	6.4	61
22	EXPERIMENTAL INVESTIGATION ON FUEL FILM FORMATION BY SPRAY IMPINGEMENT ON FLAT WALLS WITH DIFFERENT SURFACE ROUGHNESS. Atomization and Sprays, 2017, 27, 611-628.	0.8	45
23	Effect of Saccharin on the Structure and Properties of Electrodeposition NiWP Alloy Coatings. Journal of Materials Engineering and Performance, 2016, 25, 4402-4407.	2.5	8
24	Experimental Investigations on Fuel Spray and Impingement for Gasoline Direct Injection Engines. , 0, , .		1
25	Behaviors of Spray Droplets with and without Flat Wall Impingement. , 0, , .		1
26	Effects of Droplet Behaviors on Fuel Adhesion of Flat Wall Impinging Spray Injected by a DISI Injector. , 0, , .		8
27	Droplet Behaviors of DI Gasoline Wall Impinging Spray by Spray Slicer. , 0, , .		5
28	Behaviors of Multi-Droplets Impacting on a Flat Wall. , 0, , .		0