

Hekun Jia

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

135
citations

1684188
5
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of elliptical diesel nozzle spray dynamics using a one-way coupled spray model. International Journal of Engine Research, 2023, 24, 755-766.	2.3	2
2	Effect of pillared surfaces with different shape parameters on droplet wettability via Lattice Boltzmann method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 615, 126259.	4.7	7
3	Experimental study on the spray and mixing characteristics for equilateral triangular and circular nozzles with diesel and biodiesel under high injection pressures. Fuel, 2019, 239, 97-107.	6.4	23
4	An experimental comparison of the elliptical and circular nozzles spray and mixing characteristics under different injection pressures. Fuel, 2019, 236, 1474-1482.	6.4	16
5	Experimental study on the spray characteristics discharging from elliptical diesel nozzle at typical diesel engine conditions. Fuel, 2018, 221, 28-34.	6.4	45
6	Internal flow and spray characteristics for elliptical orifice with large aspect ratio under typical diesel engine operation conditions. Fuel, 2018, 228, 62-73.	6.4	35
7	NUMERICAL INVESTIGATION ON EFFECTS OF ELLIPTICAL DIESEL NOZZLE ON PRIMARY SPRAY CHARACTERISTICS BY LARGE EDDY SIMULATION (LES). Atomization and Sprays, 2018, 28, 695-712.	0.8	6
8	A novel dynamic contact angle model of lattice Boltzmann method for water droplet impact on proton exchange membrane fuel cell channel surface. International Journal of Energy Research, 0, , .	4.5	1