

Hekun Jia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8277071/publications.pdf>

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