Xiaohang Fang

List of Publications by Year
in descending order

11 papers	96 citations	1936888 4 h-index	1719596 7 g-index
11 all docs	11 docs citations	11 times ranked	37 citing authors

#	Article	IF	Citations
1	On the application of artificial neural networks for the prediction of NO_x emissions from a high-speed direct injection diesel engine. International Journal of Engine Research, 2021, 22, 1808-1824.	1.4	23
2	Simulation of ECN diesel spray A using conditional source-term estimation. Combustion Theory and Modelling, 2020, 24, 725-760.	1.0	13
3	Development of a laminar burning velocity empirical correlation for combustion of iso-octane/ethanol blends in air. Fuel, 2022, 307, 121880.	3.4	11
4	Pulsating one-dimensional detonation in ammonia-hydrogen–air mixtures. International Journal of Hydrogen Energy, 2022, 47, 21517-21536.	3.8	11
5	Artificial neural network (ANN) assisted prediction of transient NO_x emissions from a high-speed direct injection (HSDI) diesel engine. International Journal of Engine Research, 2022, 23, 1201-1212.	1.4	9
6	Numerical Studies of Combustion Recession on ECN Diesel Spray A. , 2018, , .		7
7	Comparison of Transient Diesel Spray Break-UpÂbetween Two Computational Fluid Dynamics Codes. , 2018, , .		6
8	A Random Forest Algorithmic Approach to Predicting Particulate Emissions from a Highly Boosted GDI Engine. , 0, , .		5
9	A Study on Kinetic Mechanisms of Diesel Fuel Surrogate n-Dodecane for the Simulation of Combustion Recession. , 0, , .		4
10	Effect of ethanol addition on the laminar burning velocities of gasoline surrogates. Fuel, 2022, 327, 125186.	3.4	4
11	Manifold reduction techniques for the comparison of crank angle-resolved particle image velocimetry (PIV) data and Reynolds-averaged Navier-Stokes (RANS) simulations in a spark ignition direct injection (SIDI) engine. International Journal of Engine Research, 2022, 23, 1275-1294.	1.4	3