

# Xiaohang Fang

## List of Publications by Year in descending order

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11  
papers

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1936888  
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#	ARTICLE	IF	CITATIONS
1	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 (SID) engine. International Journal of Engine Research, 2022, 23, 1275-1294.	1.4	3
2	Artificial neural network (ANN) assisted prediction of transient NO <sub>x</sub> emissions from a high-speed direct injection (HSDI) diesel engine. International Journal of Engine Research, 2022, 23, 1201-1212.	1.4	9
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	Effect of ethanol addition on the laminar burning velocities of gasoline surrogates. Fuel, 2022, 327, 125186.	3.4	4
6	On the application of artificial neural networks for the prediction of NO <sub>x</sub> emissions from a high-speed direct injection diesel engine. International Journal of Engine Research, 2021, 22, 1808-1824.	1.4	23
7	Simulation of ECN diesel spray A using conditional source-term estimation. Combustion Theory and Modelling, 2020, 24, 725-760.	1.0	13
8	Numerical Studies of Combustion Recession on ECN Diesel Spray A. , 2018, , .		7
9	Comparison of Transient Diesel Spray Break-Up between Two Computational Fluid Dynamics Codes. , 2018, , .		6
10	A Random Forest Algorithmic Approach to Predicting Particulate Emissions from a Highly Boosted GDI Engine. , 0, , .		5
11	A Study on Kinetic Mechanisms of Diesel Fuel Surrogate n-Dodecane for the Simulation of Combustion Recession. , 0, , .		4