

Yang Hua

List of Publications by Year in descending order

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papers

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citations

933447

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26
all docs

26
docs citations

26
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethers and esters as alternative fuels for internal combustion engine: A review. International Journal of Engine Research, 2023, 24, 178-216.	2.3	7
2	Effect of Toluene Content on Soot Particle Morphology and Evolution in Coflow Diffusion Flames of Diesel Surrogate Fuels. Combustion Science and Technology, 2023, 195, 2536-2555.	2.3	1
3	Experimental and Numerical Investigation into the Effects of Unsaturated Carbon Bonds of Hydrocarbon Fuels on Soot Formation in Laminar Diffusion Flames. Combustion Science and Technology, 2022, 194, 1542-1567.	2.3	3
4	Numerical Investigation on the Effect of Cylindrical Combustion Chamber Diameter-to-Depth Ratio on the Performance of Stoichiometric Natural Gas Engine With Exhaust Gas Recirculation. Journal of Engineering for Gas Turbines and Power, 2022, 144, .	1.1	3
5	Effects of alcohol addition to traditional fuels on soot formation: A review. International Journal of Engine Research, 2021, 22, 1395-1420.	2.3	32
6	Effects of Water Vapor Addition on the Flame Structure and Soot Formation in a Laminar Ethanol/air Coflow Flame. Combustion Science and Technology, 2021, 193, 626-642.	2.3	11
7	Experimental and Numerical Investigation of Laminar Flame Characteristics of Isooctane/air Mixtures at High Preheating Temperatures and H2O Dilution Ratios. Combustion Science and Technology, 2020, , 1-21.	2.3	1
8	Numerical investigation into the effects of oxygen concentration on flame characteristics and soot formation in diffusion and partially premixed flames. Fuel, 2020, 268, 117398.	6.4	23
9	Numerical investigation into the decoupling effects of hydrogen blending on flame structure and soot formation in a laminar ethylene diffusion flame. International Journal of Hydrogen Energy, 2020, 45, 15672-15682.	7.1	26
10	Numerical study of particle dynamics in laminar diffusion flames of gasoline blended with different alcohols. Fuel, 2019, 257, 116065.	6.4	17
11	Experimental and numerical study on the effect of dimensionless parameters on the characteristics of droplet atomization caused by periodic inertial force. Fuel, 2019, 253, 941-949.	6.4	4
12	Experimental and numerical study on formation mechanism of premixed hydrogen-air squish flame in wall constrained environment. International Journal of Hydrogen Energy, 2019, 44, 18559-18572.	7.1	5
13	Online Measuring Method for the Enginesâ€™ IVC Timing Based on the In-Cylinder Pressure Fluctuation. International Journal of Automotive Technology, 2019, 20, 365-377.	1.4	1
14	Numerical Investigation of Soot Formation in a Methane Diffusion Flame Doped with <i>n</i> -Heptane at Elevated Pressure. Energy & Fuels, 2019, 33, 11941-11947.	5.1	10
15	Experimental study on induced accelerated combustion of premixed hydrogen-air in a confined environment. International Journal of Hydrogen Energy, 2019, 44, 31593-31609.	7.1	3
16	Study on the Intake Valve Close Timing Misalignment Between the Maximum Volume Efficiency and the None Backflow on a Single Cylinder Diesel Engine. Journal of Engineering for Gas Turbines and Power, 2019, 141, .	1.1	1
17	Experimental and kinetic studies of soot formation in methanol-gasoline coflow diffusion flames. Journal of the Energy Institute, 2019, 92, 38-50.	5.3	29
18	Effect of Alcohol Addition to Gasoline on Soot Distribution Characteristics in Laminar Diffusion Flames. Chemical Engineering and Technology, 2018, 41, 897-906.	1.5	22

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19	Characteristics of premixed hydrogen/air squish flame in a confined vessel. Journal of the Energy Institute, 2018, 91, 1102-1112.	5.3	7
20	Experimental and kinetic investigation on soot formation of n-butanol-gasoline blends in laminar coflow diffusion flames. Fuel, 2018, 213, 195-205.	6.4	43
21	An experimental study on soot distribution characteristics of ethanol-gasoline blends in laminar diffusion flames. Journal of the Energy Institute, 2018, 91, 997-1008.	5.3	39
22	Experimental Evaluation of Various Gasoline Surrogates Based on Soot Formation Characteristics. Energy & Fuels, 2018, 32, 11961-11969.	5.1	6
23	Experimental Investigation of Polycyclic Aromatic Hydrocarbons Growth Characteristics of Gasoline Mixed with Methanol, Ethanol, or n-Butanol in Laminar Diffusion Flames. Energy & Fuels, 2018, 32, 6823-6833.	5.1	39
24	Effect of Toluene Addition on the PAH Formation in Laminar Coflow Diffusion Flames of n-Heptane and Isooctane. Energy & Fuels, 2018, 32, 7142-7152.	5.1	11
25	The Investigation of Soot Free Length of Jet Flame of Propane and Carbon Dioxide Gas Mixture. Combustion Science and Technology, 0, , 1-13.	2.3	0
26	On the Radiative, Diffusion and Chemical Effects of Soot Formation in a Nonsmoking Laminar Ethylene Diffusion Flame. Combustion Science and Technology, 0, , 1-15.	2.3	0