

Qianqian Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Laminar Flame Characteristics of <i>iso</i> -Octane/ <i>n</i> -Butanol Blend–Air Mixtures at Elevated Temperatures. <i>Energy & Fuels</i> , 2013, 27, 2327-2335.	5.1	56
2	Laminar Flame Speeds and Flame Instabilities of Pentanol Isomer–Air Mixtures at Elevated Temperatures and Pressures. <i>Energy & Fuels</i> , 2013, 27, 1141-1150.	5.1	53
3	Laminar Flame Speeds of DMF/ <i>iso</i> -octane-Air-N ₂ /CO ₂ Mixtures. <i>Energy & Fuels</i> , 2012, 26, 917-925.	5.1	48
4	Comparative assessment of the explosion characteristics of alcohol–air mixtures. <i>Journal of Loss Prevention in the Process Industries</i> , 2015, 37, 91-100.	3.3	43
5	Laminar Flame Characteristics of C1–C5 Primary Alcohol-Isooctane Blends at Elevated Temperature. <i>Energies</i> , 2016, 9, 511.	3.1	43
6	Laminar Flame Speeds and Kinetic Modeling of <i>n</i> -Pentanol and Its Isomers. <i>Energy & Fuels</i> , 2015, 29, 5334-5348.	5.1	41
7	Laminar flame characteristics and kinetic modeling study of methanol-isooctane blends at elevated temperatures. <i>Fuel</i> , 2016, 184, 836-845.	6.4	33
8	Effect of FGR position on the characteristics of combustion, emission and flue gas temperature deviation in a 1000–MW tower-type double-reheat boiler with deep-air-staging. <i>Fuel</i> , 2019, 246, 285-294.	6.4	32
9	Laminar Burning Characteristics of Diluted <i>n</i> -Butanol/Air Mixtures. <i>Combustion Science and Technology</i> , 2011, 183, 1360-1375.	2.3	23
10	Comparative study on the explosion characteristics of pentanol isomer–air mixtures. <i>Fuel</i> , 2015, 161, 78-86.	6.4	23
11	Experimental and kinetic modeling study of laminar flame characteristics of higher mixed alcohols. <i>Fuel Processing Technology</i> , 2019, 188, 30-42.	7.2	22
12	Experimental study on the explosion characteristics of methylcyclohexane/toluene-air mixtures with methanol addition at elevated temperatures. <i>Chemical Engineering Research and Design</i> , 2019, 132, 126-133.	5.6	15
13	Comparative study on the laminar flame speeds of methylcyclohexane-methanol and toluene-methanol blends at elevated temperatures. <i>Fuel</i> , 2019, 245, 534-543.	6.4	15
14	A comparison study of cyclopentane and cyclohexane laminar flame speeds at elevated pressures and temperatures. <i>Fuel</i> , 2018, 234, 238-246.	6.4	14
15	Explosion characteristics of cyclic hydrocarbon-air mixtures at elevated temperature and pressures. <i>Fuel</i> , 2019, 253, 1048-1055.	6.4	12
16	Influence of near-wall air position on the high-temperature corrosion and combustion in a 1000–MWth opposed wall-fired boiler. <i>Fuel</i> , 2019, 257, 115983.	6.4	9
17	Study of low pressure premixed laminar dimethyl ether/oxygen/argon flames with different equivalence ratios. <i>Fuel</i> , 2018, 234, 1212-1220.	6.4	3
18	A Study on the Effect of Initial Temperature on Combustion Characteristics of RDX Based on the Optical Diagnosis Methods. <i>Energies</i> , 2022, 15, 2421.	3.1	3

#	ARTICLE	IF	CITATIONS
19	Assessing the Predictions of A NO _x Kinetic Mechanism on Recent Hydrogen and Syngas Experimental Data. The Proceedings of the International Symposium on Diagnostics and Modeling of Combustion in Internal Combustion Engines, 2017, 2017.9, A307.	0.1	2
20	Synergistic Effect of Mixing Ethylene with Propane on the Morphology and Nanostructure of Soot in Laminar Coflow Diffusion Flames. Journal of Energy Engineering - ASCE, 2022, 148, .	1.9	2
21	Experimental and chemical kinetic study on the laminar flame characteristics of the blends of n-propanol and isooctane at elevated temperature and pressure. Fuel, 2022, 324, 124680.	6.4	2