

Ruikang Li

List of Publications by Year in descending order

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12
papers

274
citations

1163117

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1199594

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12
all docs

12
docs citations

12
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Explosion pressure and flame characteristics of CO/CH ₄ /air mixtures at elevated initial temperatures. Fuel, 2020, 268, 117377.	6.4	60
2	Experimental study on the deflagration characteristics of methane-ethane mixtures in a closed duct. Fuel, 2020, 259, 116295.	6.4	59
3	Effect of initial temperature and H ₂ addition on explosion characteristics of H ₂ -poor/CH ₄ /air mixtures. Energy, 2020, 213, 118979.	8.8	38
4	Experimental study on the explosion and flame emission behaviors of methane-ethylene-air mixtures. Journal of Loss Prevention in the Process Industries, 2019, 60, 183-194.	3.3	28
5	Effects of mesh aluminium alloy and aluminium velvet on the explosion of H ₂ /air, CH ₄ /air and C ₂ H ₂ /air mixtures. International Journal of Hydrogen Energy, 2021, 46, 14871-14880.	7.1	22
6	Research progress on the self-ignition of high-pressure hydrogen discharge: A review. International Journal of Hydrogen Energy, 2022, 47, 9460-9476.	7.1	22
7	Effect of Inert Gas CO ₂ on Deflagration Pressure of CH ₄ /CO. ACS Omega, 2020, 5, 23002-23008.	3.5	10
8	Premixed Flame Propagation of Methane/Carbon Monoxide/Air in a Closed Tube with an Obstacle. Combustion Science and Technology, 2021, 193, 2724-2740.	2.3	10
9	Liquid CO ₂ high-pressure fracturing of coal seams and gas extraction engineering tests using crossing holes: A case study of Panji Coal Mine No. 3, Huainan, China. International Journal of Energy Research, 2021, 45, 4565-4580.	4.5	8
10	Numerical Simulation for Mine Oblique Lane Fire Based on PDF Non-Premixed Combustion. Combustion Science and Technology, 2021, 193, 90-109.	2.3	7
11	A comparative investigation of premixed flame propagating of combustible gases-methane mixtures across an obstructed closed tube. Fuel, 2021, 289, 119766.	6.4	6
12	Experimental and chemical kinetic behaviors at the explosion reaction of typical C ₆ hydrocarbons. Fuel, 2022, 322, 124258.	6.4	4