

Y Z He

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental and Numerical Study of the Effect of High Steam Concentration on the Oxidation of Methane and Ammonia during Oxy-Steam Combustion. <i>Energy & Fuels</i> , 2016, 30, 6799-6807.	5.1	23
2	Experimental and Numerical Study of the Effects of Steam Addition on NO Formation during Methane and Ammonia Oxy-Fuel Combustion. <i>Energy & Fuels</i> , 2017, 31, 10093-10100.	5.1	23
3	Effect of Exhaust Gas Recirculation and NO on Ignition Delay Times of Iso-octane in a Rapid Compression Machine. <i>Energy & Fuels</i> , 2020, 34, 8788-8795.	5.1	16
4	Comparison of the Reburning Chemistry in O_2/N_2 , O_2/CO_2 , and O_2/H_2O Atmospheres. <i>Energy & Fuels</i> , 2017, 31, 11404-11412.	5.1	12
5	Effect of oxygen atom precursors addition on LTC-affected detonation in $\{O\}_2$ - $\{CO\}_2$ mixtures. <i>Shock Waves</i> , 2020, 30, 799-807.	1.9	12
6	Effect of the reactor model on steady detonation modeling. <i>Shock Waves</i> , 2021, 31, 323-335.	1.9	11
7	Comparison of the characteristics and mechanism of CO formation in O_2/N_2 , O_2/CO_2 and O_2/H_2O atmospheres. <i>Energy</i> , 2017, 141, 1429-1438.	8.8	10
8	The characteristics and mechanism of NO formation during pyridine oxidation in O_2/N_2 and O_2/CO_2 atmospheres. <i>Energy</i> , 2019, 187, 115954.	8.8	10
9	Effect of 2-step energy release on direct detonation initiation by a point energy source in a rich H_2 - NO_2/N_2O_4 mixture. <i>Combustion and Flame</i> , 2020, 222, 317-325.	5.2	10
10	Current status of the high-temperature kinetic models of silane: Part I. Pyrolysis. <i>Combustion and Flame</i> , 2021, 227, 526-537.	5.2	10
11	Effect of volumetric expansion on shock-induced ignition of H_2 - NO_2/N_2O_4 mixtures. <i>Combustion and Flame</i> , 2020, 215, 425-436.	5.2	9
12	Effect of hydroxyl radical precursor addition on LTC-affected detonation in DME - $\{O\}_2$ - $\{CO\}_2$ mixtures. <i>Shock Waves</i> , 2020, 30, 789-798.	1.9	7
13	Combustion of silane-nitrous oxide-argon mixtures: Analysis of laminar flame propagation and condensed products. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 2235-2245.	3.9	7
14	Current status of the high-temperature kinetic models of silane: Part II. Oxidation. <i>Combustion and Flame</i> , 2021, 227, 538-549.	5.2	5
15	A shock tube and modeling study on ignition delay times of pyridine under O_2/CO_2 atmospheres at elevated pressures. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5475-5484.	3.9	3