Y Z He

List of Publications by Year
in descending order

15	168	1163117 8	1199594 12
papers	citations	h-index	g-index

15	15	15	126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A shock tube and modeling study on ignition delay times of pyridine under O2/CO2 atmospheres at elevated pressures. Proceedings of the Combustion Institute, 2021, 38, 5475-5484.	3.9	3
2	Combustion of silane-nitrous oxide-argon mixtures: Analysis of laminar flame propagation and condensed products. Proceedings of the Combustion Institute, 2021, 38, 2235-2245.	3.9	7
3	Current status of the high-temperature kinetic models of silane: Part II. Oxidation. Combustion and Flame, 2021, 227, 538-549.	5.2	5
4	Current status of the high-temperature kinetic models of silane: Part I. Pyrolysis. Combustion and Flame, 2021, 227, 526-537.	5.2	10
5	Effect of the reactor model on steady detonation modeling. Shock Waves, 2021, 31, 323-335.	1.9	11
6	Effect of hydroxyl radical precursor addition on LTC-affected detonation in DMEâ€“$$hbox {O}_{{2}}$$â€“$$hbox {CO}_{{2}}$$ mixtures. Shock Waves, 2020, 30, 789-798.	1.9	7
7	Effect of 2-step energy release on direct detonation initiation by a point energy source in a rich H2â€“NO2/N2O4 mixture. Combustion and Flame, 2020, 222, 317-325.	5.2	10
8	Effect of volumetric expansion on shock-induced ignition of H2â€“NO2/N2O4 mixtures. Combustion and Flame, 2020, 215, 425-436.	5.2	9
9	Effect of Exhaust Gas Recirculation and NO on Ignition Delay Times of Iso-octane in a Rapid Compression Machine. Energy & Fuels, 2020, 34, 8788-8795.	5.1	16
10	Effect of oxygen atom precursors addition on LTC-affected detonation in $${hbox {DME}}{-}{hbox {O}}_{2}{-}{hbox {CO}}_{2}$$ mixtures. Shock Waves, 2020, 30, 799-807.	1.9	12
11	The characteristics and mechanism of NO formation during pyridine oxidation in O2/N2 and O2/CO2 atmospheres. Energy, 2019, 187, 115954.	8.8	10
12	Comparison of the Reburning Chemistry in O₂/N₂, O₂/CO₂, and O₂/H₂O Atmospheres. Energy & Fuels, 2017, 31, 11404-11412.	5.1	12
13	Experimental and Numerical Study of the Effects of Steam Addition on NO Formation during Methane and Ammonia Oxy-Fuel Combustion. Energy & Fuels, 2017, 31, 10093-10100.	5.1	23
14	Comparison of the characteristics and mechanism of CO formation in O2/N2, O2/CO2 and O2/H2O atmospheres. Energy, 2017, 141, 1429-1438.	8.8	10
15	Experimental and Numerical Study of the Effect of High Steam Concentration on the Oxidation of Methane and Ammonia during Oxy-Steam Combustion. Energy & Fuels, 2016, 30, 6799-6807.	5.1	23