Tao Li

List of Publications by Year
in descending order

13	214	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-parameter diagnostics for high-resolution in-situ measurements of single coal particle combustion. Proceedings of the Combustion Institute, 2019, 37, 2893-2900.	3.9	36
2	Tomographic imaging of OH laser-induced fluorescence in laminar and turbulent jet flames. Measurement Science and Technology, 2018, 29, 015206.	2.6	33
3	Homogeneous ignition and volatile combustion of single solid fuel particles in air and oxy-fuel conditions. Fuel, 2021, 291, 120101.	6.4	21
4	Experimental investigations of single particle and particle group combustion in a laminar flow reactor using simultaneous volumetric OH-LIF imaging and diffuse backlight-illumination. Renewable and Sustainable Energy Reviews, 2021, 136, 110377.	16.4	20
5	A study of the spatial and temporal evolution of auto-ignition kernels using time-resolved tomographic OH-LIF. Proceedings of the Combustion Institute, 2019, 37, 1321-1328.	3.9	19
6	Quasi-4D laser diagnostics using an acousto-optic deflector scanning system. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	15
7	Investigation of the transition from single to group coal particle combustion using high-speed scanning OH-LIF and diffuse backlight-illumination. Proceedings of the Combustion Institute, 2021, 38, 4101-4109.	3.9	15
8	High-speed volumetric imaging of formaldehyde in a lifted turbulent jet flame using an acousto-optic deflector. Experiments in Fluids, 2020, 61, 1.	2.4	13
9	Numerical investigation of pulverized coal particle group combustion using tabulated chemistry. Proceedings of the Combustion Institute, 2021, 38, 4033-4041.	3.9	13
10	Numerical investigation and assessment of flamelet-based models for the prediction of pulverized solid fuel homogeneous ignition and combustion. Combustion and Flame, 2022, 235, 111693.	5.2	11
11	Investigation of flame retarded polypropylene by high-speed planar laser-induced fluorescence of OH radicals combined with a thermal decomposition analysis. Experiments in Fluids, 2020, 61, 1.	2.4	8
12	Simultaneous 10â€¯kHz three-dimensional CH2O and tomographic PIV measurements in a lifted partially-premixed jet flame. Proceedings of the Combustion Institute, 2021, 38, 1675-1683.	3.9	8
13	Numerical Simulations and Experiments of Ignition of Solid Particles in a Laminar Burner: Effects of Slip Velocity and Particle Swelling. Flow, Turbulence and Combustion, 2021, 106, 515-531.	2.6	2