

# Tao Li

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

214  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

116  
citing authors

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