

# Yu Zhang

## List of Publications by Year in descending order

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12  
papers

416  
citations

1051969

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h-index

1336881

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12  
docs citations

12  
times ranked

352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of carbon dioxide addition to fuel on flame radiation fraction in propane diffusion flames. Energy, 2021, 218, 119552.	4.5	11
2	Experimental study on puffing, auto-ignition and combustion characteristics of an n-pentanol-diesel droplet. Energy, 2021, 223, 119994.	4.5	11
3	Numerical study on the effects of experimental parameters on evaporation characteristic of a droplet. Fuel, 2021, 293, 120323.	3.4	6
4	Quantitative characterization of crack and cell's morphological evolution in premixed expanding spherical flames. Energy, 2019, 171, 161-169.	4.5	25
5	Experimental study on auto-ignition characteristics of a butanol-hexadecane droplet under elevated pressures and temperatures. Energy, 2019, 171, 654-665.	4.5	7
6	A new puffing model for a droplet of butanol-hexadecane blends. Applied Thermal Engineering, 2018, 133, 633-644.	3.0	30
7	Experimental study on puffing characteristics of biodiesel-butanol droplet. Fuel, 2017, 191, 454-462.	3.4	48
8	Ignition and combustion characteristics of n-pentanol-diesel blends in a constant volume chamber. Applied Energy, 2017, 185, 519-530.	5.1	84
9	Experimental investigation on the effect of n-pentanol blending on spray, ignition and combustion characteristics of waste cooking oil biodiesel. Energy Conversion and Management, 2017, 148, 440-455.	4.4	60
10	The effect of different n-butanol-fatty acid methyl esters (FAME) blends on puffing characteristics. Fuel, 2017, 208, 30-40.	3.4	33
11	Estimation of turbulence characteristics from PIV in a high-pressure fan-stirred constant volume combustion chamber. Applied Thermal Engineering, 2017, 110, 346-355.	3.0	19
12	Spray and evaporation characteristics of n-pentanol-diesel blends in a constant volume chamber. Energy Conversion and Management, 2016, 130, 240-251.	4.4	82