

# Ying Huang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

1,765  
citations

9  
h-index

10  
g-index

10  
ext. papers

2,121  
ext. citations

7.4  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
10	Dynamics and stability of lean-premixed swirl-stabilized combustion. <i>Progress in Energy and Combustion Science</i> , <b>2009</b> , 35, 293-364	33.6	786
9	Effect of particle size on combustion of aluminum particle dust in air. <i>Combustion and Flame</i> , <b>2009</b> , 156, 5-13	5.3	250
8	Effect of swirl on combustion dynamics in a lean-premixed swirl-stabilized combustor. <i>Proceedings of the Combustion Institute</i> , <b>2005</b> , 30, 1775-1782	5.9	167
7	Combustion of bimodal nano/micron-sized aluminum particle dust in air. <i>Proceedings of the Combustion Institute</i> , <b>2007</b> , 31, 2001-2009	5.9	149
6	Large-Eddy Simulation of Combustion Dynamics of Lean-Premixed Swirl-Stabilized Combustor. <i>Journal of Propulsion and Power</i> , <b>2003</b> , 19, 782-794	1.8	131
5	Bifurcation of flame structure in a lean-premixed swirl-stabilized combustor: transition from stable to unstable flame. <i>Combustion and Flame</i> , <b>2004</b> , 136, 383-389	5.3	125
4	Systematic Analysis of Lean-Premixed Swirl-Stabilized Combustion. <i>AIAA Journal</i> , <b>2006</b> , 44, 724-740	2.1	69
3	A GENERALIZED MODEL OF ACOUSTIC RESPONSE OF TURBULENT PREMIXED FLAME AND ITS APPLICATION TO GAS-TURBINE COMBUSTION INSTABILITY ANALYSIS. <i>Combustion Science and Technology</i> , <b>2005</b> , 177, 1109-1150	1.5	56
2	Effects of particle size and pressure on combustion of nano-aluminum particles and liquid water. <i>Combustion and Flame</i> , <b>2013</b> , 160, 2251-2259	5.3	31
1	Swirling Flow Structures and Flame Characteristics in a Lean-Premixed Combustor <b>2004</b> ,		1