

# Yuhui Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

425  
citations

687363

13  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of hydrogen flow rate and particle diameter on coal-hydrogen-air rotating detonation engines. International Journal of Hydrogen Energy, 2022, 47, 1328-1342.	7.1	13
2	Flow field of a rotating detonation engine fueled by carbon. Physics of Fluids, 2022, 34, .	4.0	21
3	Combustion Characteristics in Rotating Detonation Engines. International Journal of Aerospace Engineering, 2021, 2021, 1-17.	0.9	6
4	A rotating detonation engine using methane-ethylene mixture and air. Acta Astronautica, 2021, 188, 25-35.	3.2	30
5	Rotating detonation engines with two fuel orifice schemes. Acta Astronautica, 2019, 161, 262-275.	3.2	13
6	Numerical research of rotating detonation initiation processes with different injection patterns. International Journal of Hydrogen Energy, 2019, 44, 15536-15552.	7.1	22
7	A hollow combustor that intensifies rotating detonation. Aerospace Science and Technology, 2019, 85, 113-124.	4.8	58
8	The effect of the throat width of plug nozzles on the combustion mode in rotating detonation engines. Shock Waves, 2019, 29, 471-485.	1.9	14
9	A non-premixed rotating detonation engine using ethylene and air. Applied Thermal Engineering, 2018, 137, 749-757.	6.0	59
10	Rotating detonation in a combustor of trapezoidal cross section for the hydrogen-air mixture. International Journal of Hydrogen Energy, 2016, 41, 5605-5616.	7.1	26
11	Effects of thermal wall conditions on rotating detonation. Computers and Fluids, 2016, 140, 59-71.	2.5	19
12	Coexistence of detonation with deflagration in rotating detonation engines. International Journal of Hydrogen Energy, 2016, 41, 14302-14309.	7.1	24
13	Effect of equivalence ratio on the velocity of rotating detonation. International Journal of Hydrogen Energy, 2015, 40, 7949-7955.	7.1	34
14	Spectral analysis and self-adjusting mechanism for oscillation phenomenon in hydrogen-oxygen continuously rotating detonation engine. Chinese Journal of Aeronautics, 2015, 28, 669-675.	5.3	43
15	Induction for multiple rotating detonation waves in the hydrogen-air oxygen mixture with tangential flow. International Journal of Hydrogen Energy, 2014, 39, 11792-11797.	7.1	43