

# Xiaomin He

## List of Publications by Year in descending order

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15  
papers

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citations

1937685

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1720034

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15  
docs citations

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times ranked

39  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of a novel swirling-flow single trapped vortex combustor. <i>Aerospace Science and Technology</i> , 2022, 127, 107674.	4.8	12
2	Experimental investigation on the overall cooling effectiveness of t-type impinging-film cooling. <i>Applied Thermal Engineering</i> , 2018, 128, 595-603.	6.0	10
3	Investigations on Emission Characteristics of a Liquid-Fueled Trapped Vortex Combustor. <i>Journal of Thermal Science</i> , 2020, 29, 69-80.	1.9	6
4	Study on the Hybrid Cooling of the Flame Tube in a Small Triple-Swirler Combustor. <i>Energies</i> , 2020, 13, 5554.	3.1	6
5	Nanoscale inspection on carbon particles from commercial RP-3 kerosene combustion with different dilutions. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 959-972.	2.1	4
6	Inlet Pressure Effects on Subatmospheric Flame Stabilization with an Optimum Size of a Cavity-Based Combustor. <i>International Journal of Aerospace Engineering</i> , 2020, 2020, 1-8.	0.9	3
7	Effect of Low Ambient Pressure on Spray Cone Angle of Pressure Swirl Atomizer. <i>International Journal of Aerospace Engineering</i> , 2021, 2021, 1-10.	0.9	3
8	Preliminary design and experimental verification of a triple swirler combustor. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2015, 229, 2258-2271.	1.3	2
9	Impact of interaction between cavity flow and mainstream on the performance of a model trapped vortex combustor. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2016, 230, 1181-1200.	1.3	2
10	Experimental Study of the Effect of the Expansion Segment Geometry on the Atomization of a Plain-Jet Airblast Atomizer. <i>International Journal of Aerospace Engineering</i> , 2021, 2021, 1-15.	0.9	2
11	Effect of rotational direction of triple-swirler on cold flow characteristics of a model combustor. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2017, 231, 918-930.	1.3	1
12	Experimental study of the overall cooling effectiveness of f-type impinging-film cooling configurations. <i>Heat and Mass Transfer</i> , 0, , 1.	2.1	1
13	Experimental Investigation on Flow Field Characteristics of Impinging-Film Cooling. <i>International Journal of Aerospace Engineering</i> , 2021, 2021, 1-10.	0.9	0
14	Experimental Investigation on the Flow Resistance of a Staged Fuel Injector with Thermal Protection. <i>International Journal of Aerospace Engineering</i> , 2021, 2021, 1-13.	0.9	0
15	Partially Premixed Ignition for a Bluff-Body Flameholder under Various Igniter and Inlet Conditions. <i>ACS Omega</i> , 2021, 6, 34977-34988.	3.5	0