

# Dai Jian

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

166  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

67  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation on mixing enhancement of the cavity with pulsed jets under oblique shock wave interference. <i>Aerospace Science and Technology</i> , 2022, 123, 107454.	4.8	5
2	Secondary fuel jet strategies on mixing enhancement performance of rocket-based combined cycle engine. <i>Acta Astronautica</i> , 2021, 178, 285-295.	3.2	11
3	Numerical investigation of cavity-induced enhanced supersonic mixing with inclined injection strategies. <i>Acta Astronautica</i> , 2021, 180, 630-638.	3.2	25
4	A numerical study on flow structure and combustion mechanism of supersonic mixed inflow with transverse jet. <i>Aerospace Science and Technology</i> , 2021, 116, 106865.	4.8	9
5	Effects of cavity-induced mixing enhancement under oblique shock wave interference: Numerical study. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 35706-35717.	7.1	16
6	Numerical study on the induced-ramp mixed and combustion characteristics of rocket-based combined cycle engine. <i>Aerospace Science and Technology</i> , 2021, 118, 107068.	4.8	10
7	Numerical and experimental investigations of geometrical parameters on GH <sub>2</sub> /GO <sub>2</sub> injector. <i>Aerospace Science and Technology</i> , 2020, 106, 106187.	4.8	13
8	Mixing and combustion augmentation of the RBCC with different mixer configurations in ejector mode. <i>Acta Astronautica</i> , 2020, 174, 281-293.	3.2	27
9	Numerical and experimental investigations of single-element and double-element injectors using gaseous oxygen/gaseous methane. <i>Aerospace Science and Technology</i> , 2018, 75, 24-34.	4.8	14
10	Experimental and numerical investigation of combustion characteristics on GO <sub>2</sub> /GH <sub>2</sub> shear coaxial injector. <i>Aerospace Science and Technology</i> , 2018, 77, 725-732.	4.8	18
11	Combustion behaviors of GO <sub>2</sub> /GH <sub>2</sub> swirl-coaxial injector using non-intrusive optical diagnostics. <i>Acta Astronautica</i> , 2016, 123, 246-256.	3.2	18