

Youyin Wang

List of Publications by Year in descending order

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8
papers

182
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigation on hysteresis characteristics and formation mechanism for a variable geometry dual-mode combustor. <i>Aerospace Science and Technology</i> , 2017, 67, 96-104.	4.8	44
2	Analysis of the maximum flight Mach number of hydrocarbon-fueled scramjet engines under the flight cruising constraint and the combustor cooling requirement. <i>Aerospace Science and Technology</i> , 2020, 98, 105594.	4.8	37
3	Numerical studies for performance improvement of a variable geometry dual mode combustor by optimizing deflection angle. <i>Aerospace Science and Technology</i> , 2017, 68, 320-330.	4.8	26
4	Experimental study on the forced oscillation of shock train in an isolator with background waves. <i>Aerospace Science and Technology</i> , 2020, 106, 106129.	4.8	25
5	Shock train behavior affected by continuous Mach number variation of incoming flow. <i>Acta Astronautica</i> , 2020, 177, 652-665.	3.2	23
6	Numerical investigation on behaviors of shock train in a hypersonic inlet with translating cowl. <i>Acta Astronautica</i> , 2018, 152, 682-691.	3.2	12
7	Research on the operating boundary of the dual mode scramjet with a constant area combustor through thermodynamic cycle analysis. <i>Energy</i> , 2021, 216, 119271.	8.8	9
8	Aerodynamic performance enhancement of a variable-geometry dual-mode combustor designed by the method of characteristics. <i>Aerospace Science and Technology</i> , 2021, 108, 106353.	4.8	6