

Wen-Zhong Xie

List of Publications by Year in descending order

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9
papers

114
citations

1307594
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1474206
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docs citations

9
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61
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Severe Shock-Wave/Boundary-Layer Interactions in Hypersonic Inlets. Journal of Propulsion and Power, 2018, 34, 614-623.	2.2	19
2	Flow-Based Prediction for Self-Starting Limit of Two-Dimensional Hypersonic Inlets. Journal of Propulsion and Power, 2016, 32, 463-471.	2.2	17
3	Improvement of the free-interaction theory for shock wave/turbulent boundary layer interactions. Physics of Fluids, 2021, 33, .	4.0	17
4	Feasibility of employing the restarting process to evaluate the self-starting ability for hypersonic inlets. Aerospace Science and Technology, 2020, 107, 106347.	4.8	15
5	Rapid supersonic performance prediction for 2D ramjet inlets. Aerospace Science and Technology, 2016, 53, 220-231.	4.8	14
6	Prediction of self-starting limit of two-dimensional supersonic inlets considering viscous effects. Aerospace Science and Technology, 2020, 106, 106229.	4.8	13
7	Effects of forebody boundary layer on the performance of a submerged inlet. Aeronautical Journal, 2021, 125, 1260-1281.	1.6	8
8	Enlarged Self-Starting Operational Envelope for Hypersonic Inlets Using a Splitter. Journal of Aerospace Engineering, 2019, 32, .	1.4	7
9	Momentum balance based model for predicting the scale of separation bubbles induced by incident shock wave/turbulent boundary layer interactions. European Journal of Mechanics, B/Fluids, 2022, 95, 178-193.	2.5	4