

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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all docs

9
docs citations

9
times ranked

61
citing authors

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