Ling Zhou

List of Publications by Year
in descending order

18 papers	181 citations	1040056 9 h-index	1125743 13 g-index
19 all docs	19 docs citations	19 times ranked	81 citing authors

#	Article	IF	Citations
1	Impacts of Tandem Configurations on the Aerodynamic Performance of an Axial Supersonic Through-Flow Fan Cascade. Journal of Turbomachinery, 2022, 144, .	1.7	4
2	Influence of sub boundary layer vortex generator height and attack angle on cross-flows in the hub region of compressors. Chinese Journal of Aeronautics, 2022, 35, 30-44.	5.3	5
3	Large eddy simulation and combined control of corner separation in a compressor cascade. Physics of Fluids, 2022, 34, .	4.0	11
4	Effect of a blade end slot on supersonic compressor cascade hub-corner separation. Aerospace Science and Technology, 2021, 118, 107032.	4.8	6
5	Full blended blade and endwall design of a compressor cascade. Chinese Journal of Aeronautics, 2021, 34, 79-93.	5.3	19
6	Corner stall control in linear compressor cascade by blended blade and endwall technique based on large eddy simulation. Physics of Fluids, 2021, 33, .	4.0	15
7	Effects of different blended blade tip and winglets on aerodynamic and aeroacoustic performances of diagonal fans. Aerospace Science and Technology, 2020, 106, 106200.	4.8	11
8	Effect of blended blade tip and winglet on aerodynamic and aeroacoustic performances of a diagonal fan. Aerospace Science and Technology, 2020, 98, 105688.	4.8	10
9	Numerical research on the trailing-edge sweep of supersonic/transonic turbines. Aerospace Science and Technology, 2020, 99, 105696.	4.8	4
10	Design Optimization of a Blended Blade and Endwall in a Compressor Cascade. Journal of Engineering for Gas Turbines and Power, 2020, 142, .	1.1	10
11	Use of Blended Blade and End Wall method in compressor cascades: Definition and mechanism comparisons. Aerospace Science and Technology, 2019, 92, 738-749.	4.8	13
12	Application of Improved k-ω-γ Transition Model to Hypersonic Complex Configurations. AIAA Journal, 2019, 57, 2214-2221.	2.6	11
13	A combined criteria-based method for hypersonic three-dimensional boundary layer transition prediction. Aerospace Science and Technology, 2018, 73, 105-117.	4.8	20
14	Investigation of all-speed schemes for turbulent simulations with low-speed features. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2018, 232, 757-770.	1.3	1
15	Improved k-ω-γ model for crossflow-induced transition prediction in hypersonic flow. International Journal of Heat and Mass Transfer, 2017, 115, 115-130.	4.8	30
16	Development of a boundary layer parameters identification method for transition prediction with complex grids. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2017, 231, 2068-2084.	1.3	8
17	Study of hypersonic boundary layer transition with different reynolds numbers. , 2016, , .		0
18	A "Laminar + Transition Criteria" Model for Hypersonic Three-Dimensional Boundary Layer Transition Prediction. Applied Mechanics and Materials, 0, 798, 627-631.	0.2	2