Zhitao Tian

List of Publications by Year
in descending order

11 papers	45 citations	1937685 4 h-index	1872680 6 g-index
11 all docs	11 docs citations	11 times ranked	32 citing authors

#	Article	IF	Citations
1	Research on the design method of highly loaded helium compressor based on the physical properties. Journal of Nuclear Science and Technology, 2017, 54, 837-849.	1.3	9
2	Effect of Reynolds number on supercritical helium axial compressor rotors performance in closed Brayton cycle. Energy, 2018, 145, 217-227.	8.8	9
3	Numerical investigation of the effect of highly loaded design on the tip leakage in helium compressor rotors. Progress in Nuclear Energy, 2018, 105, 263-270.	2.9	8
4	Investigation on Rotor-Labyrinth Seal System with Variable Rotating speed. International Journal of Turbo and Jet Engines, 2019, 36, 19-29.	0.7	7
5	Effect of shroud end wall structure on tip leakage flow in highly loaded helium compressor rotor. Energy, 2019, 179, 1114-1123.	8.8	4
6	The Relationship of Spike Stall and Hub Corner Separation in Axial Compressor. International Journal of Turbo and Jet Engines, 2020, 37, 1-16.	0.7	4
7	Investigation on the Highly Loaded Helium Compressor Based on Helium Thermophysical Properties: Part A â€" The Design of Highly Loaded Axial Helium Compressor. , 2017, , .		2
8	Investigation on the Highly Loaded Helium Compressor Based on Helium Thermophysical Properties: Part B â€" The Loss Analysis of Highly Loaded Axial Helium Compressor. , 2017, , .		2
9	The Mechanism of the Flow in the Hub Corner and the Control by Tailing Edge Gaps. , 2018, , .		0
10	Research on the influence of highly loaded design method on the stability of helium compressor. Progress in Nuclear Energy, 2021, 132, 103599.	2.9	0
11	Investigation on Rotor-Labyrinth Seal System with Variable Rotating Speed. International Journal of Turbo and Jet Engines, 2016, .	0.7	0