Hironori Miyazawa

List of Publications by Year
in descending order

15	72	1937685 4	1588992 8
papers	citations	h-index	g-index

15	15	15	38
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of inlet wetness on transonic wet-steam and moist-air flows in turbomachinery. International Journal of Heat and Mass Transfer, 2018, 119, 720-732.	4.8	34
2	A numerical and analytical coupling method for predicting the performance of intermediate-pressure steam turbines in operation. Energy, 2020, 198, 117380.	8.8	8
3	Effects of wetness and humidity on transonic compressor of gas turbine. International Journal of Heat and Mass Transfer, 2021, 178, 121649.	4.8	5
4	Unsteady Force on Multi-Stage and Multi-Passage Turbine Long Blade Rows Induced by Wet-Steam Flows. , 2016, , .		4
5	Large eddy simulation of a linear turbine cascade with a trailing edge cutback. Energy, 2021, 220, 119694.	8.8	4
6	Numerical Simulation of Unsteady Moist-Air Flows Through Whole-Annulus Rotor Blade Rows in Transonic Compressor. , 2019, , .		4
7	Numerical analysis of condensation effects on final-stage rotor-blade rows in low-pressure steam turbine. Journal of Fluid Science and Technology, 2017, 12, JFST0018-JFST0018.	0.6	3
8	Numerical Method for Simulating High Pressure CO2 Flows With Nonequilibrium Condensation. , 2018, , .		3
9	Unsteady Wet-Steam Flows Through Low Pressure Turbine Final Three Stages Considering Blade Number. , 2015, , .		2
10	Numerical study of supercritical octane flows with multicomponent effects by pyrolysis. International Journal of Thermal Sciences, 2022, 171, 107193.	4.9	2
11	Detection of Machinery Failure Signs From Big Time-Series Data Obtained by Flow Simulation of Intermediate-Pressure Steam Turbines. Journal of Engineering for Gas Turbines and Power, 2022, 144, .	1.1	1
12	Effect of Blade Secular Change on Unsteady Flows in Middle Pressure First-Stage Steam Turbines. , 2019, , .		1
13	Simulation of unsteady flows through three-stage middle pressure steam turbine in operation. Mechanical Engineering Journal, 2020, 7, 20-00068-20-00068.	0.4	1
14	Numerical Method for Simulating Flows of Supercritical CO2 Compressor With Nonequilibrium Condensation. , 2016, , .		0
15	Wetness Effect on Transonic Moist-Air Flow Through a Compressor Rotor. , 2018, , .		0