

Hironori Miyazawa

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1937685
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#	ARTICLE	IF	CITATIONS
1	Detection of Machinery Failure Signs From Big Time-Series Data Obtained by Flow Simulation of Intermediate-Pressure Steam Turbines. <i>Journal of Engineering for Gas Turbines and Power</i> , 2022, 144, .	1.1	1
2	Numerical study of supercritical octane flows with multicomponent effects by pyrolysis. <i>International Journal of Thermal Sciences</i> , 2022, 171, 107193.	4.9	2
3	Large eddy simulation of a linear turbine cascade with a trailing edge cutback. <i>Energy</i> , 2021, 220, 119694.	8.8	4
4	Effects of wetness and humidity on transonic compressor of gas turbine. <i>International Journal of Heat and Mass Transfer</i> , 2021, 178, 121649.	4.8	5
5	A numerical and analytical coupling method for predicting the performance of intermediate-pressure steam turbines in operation. <i>Energy</i> , 2020, 198, 117380.	8.8	8
6	Simulation of unsteady flows through three-stage middle pressure steam turbine in operation. <i>Mechanical Engineering Journal</i> , 2020, 7, 20-00068-20-00068.	0.4	1
7	Effect of Blade Secular Change on Unsteady Flows in Middle Pressure First-Stage Steam Turbines. , 2019, , .		1
8	Numerical Simulation of Unsteady Moist-Air Flows Through Whole-Annulus Rotor Blade Rows in Transonic Compressor. , 2019, , .		4
9	Effect of inlet wetness on transonic wet-steam and moist-air flows in turbomachinery. <i>International Journal of Heat and Mass Transfer</i> , 2018, 119, 720-732.	4.8	34
10	Wetness Effect on Transonic Moist-Air Flow Through a Compressor Rotor. , 2018, , .		0
11	Numerical Method for Simulating High Pressure CO2 Flows With Nonequilibrium Condensation. , 2018, , .		3
12	Numerical analysis of condensation effects on final-stage rotor-blade rows in low-pressure steam turbine. <i>Journal of Fluid Science and Technology</i> , 2017, 12, JFST0018-JFST0018.	0.6	3
13	Numerical Method for Simulating Flows of Supercritical CO2 Compressor With Nonequilibrium Condensation. , 2016, , .		0
14	Unsteady Force on Multi-Stage and Multi-Passage Turbine Long Blade Rows Induced by Wet-Steam Flows. , 2016, , .		4
15	Unsteady Wet-Steam Flows Through Low Pressure Turbine Final Three Stages Considering Blade Number. , 2015, , .		2