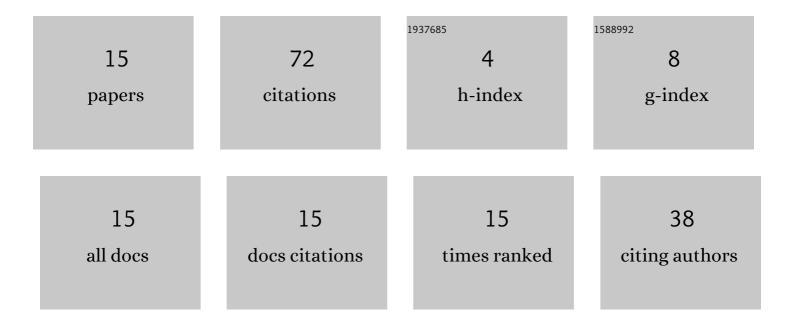
## Hironori Miyazawa

List of Publications by Year in descending order

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HIRONORI MIYAZAMA

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effect of inlet wetness on transonic wet-steam and moist-air flows in turbomachinery. International<br>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<br>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<br>Number. , 2015, , .  |     | 2         |
| 10 | Numerical study of supercritical octane flows with multicomponent effects by pyrolysis.<br>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<br>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. ,<br>2019, , .   |     | 1         |
| 13 | Simulation of unsteady flows through three-stage middle pressure steam turbine in operation.<br>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         |