

# Masahiro Ishibashi

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

114  
citations

1478505

6  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Verification of flow velocity measurements using micrometer-order thermometers. Scientific Reports, 2021, 11, 23778.	3.3	1
2	Experimental study on improving the critical back-pressure ratio using a step in a critical-flow Venturi nozzle. Flow Measurement and Instrumentation, 2020, 71, 101682.	2.0	3
3	Influence of steam wetness on steam flow rate measurement using ultrasonic flow meter. Transactions of the JSME (in Japanese), 2017, 83, 16-00526-16-00526.	0.2	3
4	Discharge coefficient equation for critical-flow toroidal-throat venturi nozzles covering the boundary-layer transition regime. Flow Measurement and Instrumentation, 2015, 44, 107-121.	2.0	13
5	Development and evaluation of the calibration facility for high-pressure hydrogen gas flow meters. Flow Measurement and Instrumentation, 2014, 39, 19-24.	2.0	13
6	Velocity field measurements in critical nozzles using Recovery Temperature Anemometry (RTA). Flow Measurement and Instrumentation, 2012, 25, 15-25.	2.0	5
7	Characteristics of Critical Nozzle Flow Meter for Measuring High-Pressure Hydrogen Gas. 880-02 Nihon Kikai Gakkai Ronbunshu Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2011, 77, 1088-1097.	0.2	8
8	Clarification of Measurement Error of Orifice Flow Meter in Wet Steam Flow. , 2011, , .		3
9	Wet Steam Flowrate Calibration Facility. , 2011, , .		1
10	Effect of Inlet Curvature on the Discharge Coefficients of Critical-Flow Venturi Nozzle With a Toroidal Throat in the Laminar-Turbulent Transition. , 2008, , .		0
11	Effect of Inlet Diameter on the Discharge Coefficients of Toroidal-Throat Critical-Flow Venturi Nozzles. , 2007, , 175.		1
12	The renewed airflow standard system in Japan for $5 \times 10^{10} \text{ m}^3/\text{h}$ . Flow Measurement and Instrumentation, 2006, 17, 153-161.	2.0	12
13	pRTA (Probe Recovery Temperature Anemometry). , 2004, , .		2
14	Fluid Dynamics in Critical Nozzles Revealed by Measurements (Keynote). , 2003, , 37.		0
15	Super-Fine Structure in the Critical Flow-Rate of Critical Flow Venturi Nozzles. , 2002, , 105.		3
16	Theoretical discharge coefficient of a critical circular-arc nozzle with laminar boundary layer and its verification by measurements using super-accurate nozzles. Flow Measurement and Instrumentation, 2000, 11, 305-313.	2.0	37
17	Methods to calibrate a critical nozzle and flowmeter using reference critical nozzles. Flow Measurement and Instrumentation, 2000, 11, 293-303.	2.0	9