Hisato Minagawa

List of Publications by Year
in descending order

15 papers	80 citations	1937685 4 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	76 citing authors

#	Article	IF	Citations
1	Prediction models of void fraction and pressure drop for gas-liquid slug flow in microchannels. Experimental Thermal and Fluid Science, 2017, 88, 124-133.	2.7	35
2	Effect of the Reynolds Number on the Performance of a NACA0012 Wing with Leading Edge Protuberance at Low Reynolds Numbers. Flow, Turbulence and Combustion, 2019, 102, 435-455.	2.6	22
3	Numerical investigation of bubble shape and flow field of gasâ€“liquid slug flow in circular microchannels. International Journal of Heat and Fluid Flow, 2018, 74, 28-35.	2.4	6
4	Pressure drop of gasâ€“liquid Taylor flow in square microchannels. Microfluidics and Nanofluidics, 2020, 24, 1.	2.2	5
5	Measurement of Averaged Liquid Velocity Field around Large Bubbles Using UVP. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2006, 72, 345-352.	0.2	4
6	Void Fraction and Frictional Pressure Drop of Gas-Liquid Slug Flow in a Microtube. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2013, 79, 1500-1513.	0.2	4
7	Application of a Two-Phase Flow Model Based on Local Relative Velocity to Solid-Liquid Two-Phase Flows with Coarse Particles. Journal of Fluid Science and Technology, 2007, 2, 205-214.	0.6	2
8	Effect of Liquid Viscosity on the Average Velocity Field around Single Large Bubbles in a Vertical Pipe. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2008, 74, 811-817.	0.2	1
9	Ultrasonic Velocity Profile Monitor (UVP) Measurement of Velocity Profiles and Velocity Fluctuation Using Micro Bubbles in Turbulent Vertical Pipe Flow(Fluids Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2009, 75, 235-240.	0.2	1
10	Application of a Two-Phase Flow Model Based on Local Relative Velocity to Solid-Liquid Two-Phase Flows with Coarse Particles. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2005, 71, 2264-2271.	0.2	0
11	Measurement of Averaged Liquid Velocity Field around Large Bubbles Rising in Stagnant Water in Round Pipe Using UVP. JSME International Journal Series B, 2006, 49, 1173-1180.	0.3	0
12	Drag reduction of turbulent flow with micro bubbles in vertical pipes. Transactions of the JSME (in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	0
13	Study of the Bubble Separation by Centrifugal Force. The Proceedings of Conference of Kansai Branch, 2002, 2002.77, _10-3_-_10-4_.	0.0	0
14	Measurement of Liquid Velocity arround Large Bubbles using UVP. The Proceedings of Conference of Kansai Branch, 2002, 2002.77, _9-1_-_9-2_.	0.0	0
15	Study of the Bubble Separation by Centrifugal Force. The Proceedings of Conference of Kansai Branch, 2003, 2003.78, _15-29_-_15-30_.	0.0	0