Seung Jae Yi

List of Publications by Year
in descending order

13	154	1306789 7	1372195 10
papers	citations	h-index	g-index

13	13	13	125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transient temperature field and heat transfer measurement of oblique jet impingement by thermographic phosphor. International Journal of Heat and Mass Transfer, 2016, 102, 691-702.	2.5	37
2	Phosphorescence-based multiphysics visualization: a review. Journal of Visualization, 2014, 17, 253-273.	1.1	29
3	Decay-slope method for 2-dimensional temperature field measurement using thermographic phosphors. Experimental Thermal and Fluid Science, 2014, 59, 1-8.	1.5	27
4	Simultaneous measurement of temperature and velocity fields using thermographic phosphor tracer particles. Journal of Visualization, 2017, 20, 305-319.	1.1	16
5	Simultaneous measurement of dissolved oxygen concentration and velocity field in microfluidics using oxygen-sensitive particles. Microfluidics and Nanofluidics, 2013, 15, 139-149.	1.0	15
6	Dynamic analysis of bubble-driven liquid flows using time-resolved particle image velocimetry and proper orthogonal decomposition techniques. Journal of Visualization, 2010, 13, 213-220.	1.1	7
7	Visualization study on the transient liquid film behavior and inner gas flow after rupture of a soap bubble. Journal of Visualization, 2014, 17, 337-344.	1.1	7
8	Spatial and temporal structures of turbulent bubble-driven flows in a rectangular water tank. Journal of Mechanical Science and Technology, 2010, 24, 1819-1827.	0.7	6
9	Structure analysis of bubble driven flow by time-resolved PIV and POD techniques. Journal of Mechanical Science and Technology, 2010, 24, 977-982.	0.7	5
10	Design and validation of a uniform flow microreactor. Journal of Mechanical Science and Technology, 2014, 28, 157-166.	0.7	5
11	Velocity and Concentration Field Measurements in Bubble-Driven Turbulent Liquid Flows. , 2011, , .		0
12	Visualization study on the interactions between water droplet and elastic film. Journal of Visualization, 2014, 17, 89-99.	1.1	0
13	Photo-bleaching characteristics of oxygen-sensitive particles. Journal of Visualization, 2015, 18, 321-333.	1.1	0