

Seung Jae Yi

List of Publications by Year in descending order

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13
papers

154
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous measurement of temperature and velocity fields using thermographic phosphor tracer particles. Journal of Visualization, 2017, 20, 305-319.	1.8	16
2	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.	4.8	37
3	Photo-bleaching characteristics of oxygen-sensitive particles. Journal of Visualization, 2015, 18, 321-333.	1.8	0
4	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.	1.8	7
5	Visualization study on the interactions between water droplet and elastic film. Journal of Visualization, 2014, 17, 89-99.	1.8	0
6	Design and validation of a uniform flow microreactor. Journal of Mechanical Science and Technology, 2014, 28, 157-166.	1.5	5
7	Phosphorescence-based multiphysics visualization: a review. Journal of Visualization, 2014, 17, 253-273.	1.8	29
8	Decay-slope method for 2-dimensional temperature field measurement using thermographic phosphors. Experimental Thermal and Fluid Science, 2014, 59, 1-8.	2.7	27
9	Simultaneous measurement of dissolved oxygen concentration and velocity field in microfluidics using oxygen-sensitive particles. Microfluidics and Nanofluidics, 2013, 15, 139-149.	2.2	15
10	Velocity and Concentration Field Measurements in Bubble-Driven Turbulent Liquid Flows. , 2011, , .		0
11	Structure analysis of bubble driven flow by time-resolved PIV and POD techniques. Journal of Mechanical Science and Technology, 2010, 24, 977-982.	1.5	5
12	Spatial and temporal structures of turbulent bubble-driven flows in a rectangular water tank. Journal of Mechanical Science and Technology, 2010, 24, 1819-1827.	1.5	6
13	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.	1.8	7