

# Seung Jae Yi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11670302/publications.pdf>

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13  
papers

154  
citations

1306789

7  
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1372195

10  
g-index

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docs citations

13  
times ranked

125  
citing authors

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