

Yohsuke Tanaka

List of Publications by Year in descending order

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papers

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docs citations

32
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Macroscopic and microscopic hydrodynamic mixing of stratified suspensions. Physical Review E, 2021, 104, 025111.	2.1	2
2	Performance Improvement of Digital Holographic Particle Measurement by Suppression of Speckle-like Noise and Particle Image Elongation in Depth Direction. Transactions of Visualization Soc of Japan, 2020, 40, 9-16.	0.2	0
3	Analysis of the Internal Flow Structure of Torque Converter Using Proper Orthogonal Decomposition under Transient Driving Conditions. International Journal of Automotive Engineering, 2020, 11, 169-176.	0.5	0
4	Internal Flow Structure of Torque Converter Analyzed with Dynamic Mode Decomposition under Steady Driving Condition. International Journal of Automotive Engineering, 2020, 11, 108-115.	0.5	3
5	Observation of Paramecium with Phase Retrieval Holography Using Two High-Speed Cameras. , 2020, , .		0
6	Influence of Periodic Flow on Vortex Shedding of Oscillating Wing. The Proceedings of Conference of Kansai Branch, 2020, 2020.95, P_028.	0.0	0
7	Estimation of Pressure Field around a Bluff Body by Using Time-Averaged PIV. The Proceedings of Conference of Kansai Branch, 2020, 2020.95, P_029.	0.0	0
8	PTV Measurement of the Unsteady Flow in a Circular Casing under Derotating Observation. The Proceedings of Conference of Kansai Branch, 2019, 2019.94, P034.	0.0	0
9	Experimental Analysis for Internal Flow Field of Torque Converter. Transactions of Visualization Soc of Japan, 2019, 39, 11-18.	0.2	2
10	Simultaneous measurement of particle position and displacement in depth by depth-from-defocus using time-series color images. Transactions of Visualization Soc of Japan, 2019, 39, 19-27.	0.2	0
11	Observation of Daphnia using Phase Retrieval Holography with Two High-Speed Cameras. , 2019, , .		1
12	Detection of Droplet Collisions Using Spatial Frequency Analysis of Hologram. The Proceedings of Conference of Kansai Branch, 2019, 2019.94, P049.	0.0	0
13	Simultaneous Measurement of Velocity Field and Fluid Forces for Analyzing Flow Mechanism. The Proceedings of Conference of Kansai Branch, 2019, 2019.94, P036.	0.0	0
14	Influence of Pitching Angle and Frequency of an Oscillating Wing on Thrust Force in a Periodic Flow. The Proceedings of the Fluids Engineering Conference, 2019, 2019, OS3-17.	0.0	0
15	Visualization of spray droplets using phase retrieval holography. , 2019, , .		3
16	Estimation of Spray Droplet-Size Distribution Based on Droplet Elongations Reconstructed by Phase Retrieval Holography. Japanese Journal of Multiphase Flow, 2019, 33, 63-70.	0.3	2
17	Phase Retrieval Holography for Particle Measurement With GPU Acceleration. , 2019, , .		1
18	OBSERVING BUBBLES USING PHASE-RETRIEVAL HOLOGRAPHY. Journal of Flow Visualization and Image Processing, 2018, 25, 25-32.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Measurement of particle-size distribution based on particle image elongations reconstructed by phase retrieval holography. , 2018, , .		0
20	Phase retrieval method for digital holography with two cameras in particle measurement. Optics Express, 2016, 24, 25233.	3.4	24
21	An evaluation method for measuring SPL and mode shape of tire cavity resonance by using multi-microphone system. Applied Acoustics, 2016, 105, 171-178.	3.3	15
22	An Attempt to Evaluate Soil Water Distribution by a Capacitance CT Technique. The Proceedings of Mechanical Engineering Congress Japan, 2016, 2016, J0510204.	0.0	0
23	Digital holographic particle measurement based on normalized deconvolution. Transactions of the JSME (in Japanese), 2015, 81, 14-00348-14-00348.	0.2	0
24	OS1-3 Observation of Phase Distribution in a Loaded Beam by Phase Retrieval Method for Digital In-line Holography(Advanced optical method 1,OS1 Advances in optical methods and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.542 Td ₀ (technique Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2015, 2015.14, 7.	0.0	0
25	GS34 PIV measurement on vortical structures around two-dimensional airfoil in the periodic ow at low Reynolds number. The Proceedings of the Fluids Engineering Conference, 2015, 2015, _GS34-1_-_GS34-2_.	0.0	0
26	J054014 Suppression of image elongation in depth in reconstruction of digital holography by using deconvolution. The Proceedings of Mechanical Engineering Congress Japan, 2013, 2013, _J054014-1-_J054014-5.	0.0	0
27	Three-Dimensional Measurement of Interaction Between a Circular Cylinder and Surrounding Flow by Digital Holographic Particle Tracking Velocimetry. , 2011, , .		0
28	Noninvasive evaluation system of fractured bone based on speckle interferometry. , 2010, , .		0
29	Spatial Phase-Shifting Digital Holography for Three-Dimensional Particle Tracking Velocimetry. Japanese Journal of Applied Physics, 2009, 48, 09LB01.	1.5	25
30	Measurement of the Interaction Between a Single Particle and a Single Burgers Vortex. , 2007, , .		2
31	Experimental study on the interaction between large scale vortices and particles in liquidâ€“solid two-phase flow. International Journal of Multiphase Flow, 2003, 29, 361-373.	3.4	8
32	Stress Measurement of Cantilever Beam under Dynamic Load by Holographic Particle-Tracking Velocimetry. Applied Mechanics and Materials, 0, 36, 317-322.	0.2	1