

Yohsuke Tanaka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3520212/publications.pdf>

Version: 2024-02-01

32
papers

94
citations

1684188

5
h-index

1474206

9
g-index

32
all docs

32
docs citations

32
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Phase-Shifting Digital Holography for Three-Dimensional Particle Tracking Velocimetry. Japanese Journal of Applied Physics, 2009, 48, 09LB01.	1.5	25
2	Phase retrieval method for digital holography with two cameras in particle measurement. Optics Express, 2016, 24, 25233.	3.4	24
3	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
4	Experimental study on the interaction between large scale vortices and particles in liquid-solid two-phase flow. International Journal of Multiphase Flow, 2003, 29, 361-373.	3.4	8
5	OBSERVING BUBBLES USING PHASE-RETRIEVAL HOLOGRAPHY. Journal of Flow Visualization and Image Processing, 2018, 25, 25-32.	0.5	5
6	Visualization of spray droplets using phase retrieval holography. , 2019, , .		3
7	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
8	Macroscopic and microscopic hydrodynamic mixing of stratified suspensions. Physical Review E, 2021, 104, 025111.	2.1	2
9	Measurement of the Interaction Between a Single Particle and a Single Burgers Vortex. , 2007, , .		2
10	Experimental Analysis for Internal Flow Field of Torque Converter. Transactions of Visualization Soc of Japan, 2019, 39, 11-18.	0.2	2
11	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
12	Stress Measurement of Cantilever Beam under Dynamic Load by Holographic Particle-Tracking Velocimetry. Applied Mechanics and Materials, 0, 36, 317-322.	0.2	1
13	Observation of Daphnia using Phase Retrieval Holography with Two High-Speed Cameras. , 2019, , .		1
14	Phase Retrieval Holography for Particle Measurement With GPU Acceleration. , 2019, , .		1
15	Noninvasive evaluation system of fractured bone based on speckle interferometry. , 2010, , .		0
16	Digital holographic particle measurement based on normalized deconvolution. Transactions of the JSME (in Japanese), 2015, 81, 14-00348-14-00348.	0.2	0
17	Three-Dimensional Measurement of Interaction Between a Circular Cylinder and Surrounding Flow by Digital Holographic Particle Tracking Velocimetry. , 2011, , .		0
18	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

#	ARTICLE	IF	CITATIONS
19	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 ETQq1 1 0.784314 rgBT /Overlock,10 Tf 50,742 Td Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2015, 2015.14, 7.	0.0	0
20	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
21	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
22	Measurement of particle-size distribution based on particle image elongations reconstructed by phase retrieval holography. , 2018, , .		0
23	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
24	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
25	Detection of Droplet Collisions Using Spatial Frequency Analysis of Hologram. The Proceedings of Conference of Kansai Branch, 2019, 2019.94, P049.	0.0	0
26	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
27	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
28	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
29	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
30	Observation of Paramecium with Phase Retrieval Holography Using Two High-Speed Cameras. , 2020, , .		0
31	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
32	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