

Jiacheng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

142
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty quantification in density estimation from background-oriented Schlieren measurements. Measurement Science and Technology, 2020, 31, 054002.	2.6	26
2	Computational Fluid Dynamics of Vascular Disease in Animal Models. Journal of Biomechanical Engineering, 2018, 140, .	1.3	24
3	4D Flow MRI Pressure Estimation Using Velocity Measurement-Error-Based Weighted Least-Squares. IEEE Transactions on Medical Imaging, 2020, 39, 1668-1680.	8.9	22
4	A numerical study of laminar flames propagating in stratified mixtures. Combustion and Flame, 2016, 163, 461-471.	5.2	19
5	Using uncertainty to improve pressure field reconstruction from PIV/PTV flow measurements. Experiments in Fluids, 2020, 61, 1.	2.4	14
6	Uncertainty-based weighted least squares density integration for background-oriented schlieren. Experiments in Fluids, 2020, 61, 1.	2.4	10
7	Vortex rings drive entrainment and cooling in flow induced by a spark discharge. Physical Review Fluids, 2020, 5, .	2.5	10
8	Divergence-Free Constrained Phase Unwrapping and Denoising for 4D Flow MRI Using Weighted Least-Squares. IEEE Transactions on Medical Imaging, 2021, 40, 3389-3399.	8.9	5
9	Uncertainty of PIV/PTV based Eulerian pressure estimation using velocity uncertainty. Measurement Science and Technology, 2022, 33, 065303.	2.6	5
10	Modeling Bias Error in 4D Flow MRI Velocity Measurements. IEEE Transactions on Medical Imaging, 2022, 41, 1802-1812.	8.9	3
11	A multi-modality approach for enhancing 4D flow magnetic resonance imaging via sparse representation. Journal of the Royal Society Interface, 2022, 19, 20210751.	3.4	2
12	Spatiotemporal Measurement of Concentration-Dependent Diffusion Coefficient . Physics of Fluids, 0, , .	4.0	2