Jiacheng Zhang

List of Publications by Year
in descending order

12	142	1307594 7	1281871 11
papers	citations	h-index	g-index

12	12	12	138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Modeling Bias Error in 4D Flow MRI Velocity Measurements. IEEE Transactions on Medical Imaging, 2022, 41, 1802-1812.	8.9	3
3	Uncertainty of PIV/PTV based Eulerian pressure estimation using velocity uncertainty. Measurement Science and Technology, 2022, 33, 065303.	2.6	5
4	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
5	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
6	Uncertainty-based weighted least squares density integration for background-oriented schlieren. Experiments in Fluids, 2020, 61, 1.	2.4	10
7	Using uncertainty to improve pressure field reconstruction from PIV/PTV flow measurements. Experiments in Fluids, 2020, 61, 1.	2.4	14
8	Uncertainty quantification in density estimation from background-oriented Schlieren measurements. Measurement Science and Technology, 2020, 31, 054002.	2.6	26
9	Vortex rings drive entrainment and cooling in flow induced by a spark discharge. Physical Review Fluids, 2020, 5, .	2.5	10
10	Computational Fluid Dynamics of Vascular Disease in Animal Models. Journal of Biomechanical Engineering, 2018, 140, .	1.3	24
11	A numerical study of laminar flames propagating in stratified mixtures. Combustion and Flame, 2016, 163, 461-471.	5.2	19
12	Spatiotemporal Measurement of Concentration-Dependent Diffusion Coefficient . Physics of Fluids, 0, , .	4.0	2