

Yifeng Tian

List of Publications by Year in descending order

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8
papers

99
citations

1684188

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1720034

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g-index

8
all docs

8
docs citations

8
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics-informed machine learning of the Lagrangian dynamics of velocity gradient tensor. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	13
2	Data-Driven Learning for the Mori-Zwanzig Formalism: A Generalization of the Koopman Learning Framework. <i>SIAM Journal on Applied Dynamical Systems</i> , 2021, 20, 2558-2601.	1.6	15
3	Data-driven learning of Mori-Zwanzig operators for isotropic turbulence. <i>Physics of Fluids</i> , 2021, 33, .	4.0	7
4	Modeling of Shock Propagation in Non-uniform Density Media. , 2020, , .		2
5	Shock-Turbulence Interaction in Variable Density Flows. <i>Heat and Mass Transfer</i> , 2020, , 69-92.	0.5	1
6	Density effects on post-shock turbulence structure and dynamics. <i>Journal of Fluid Mechanics</i> , 2019, 880, 935-968.	3.4	17
7	Numerical simulation of multi-fluid shock-turbulence interaction. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	5
8	Numerical study of variable density turbulence interaction with a normal shock wave. <i>Journal of Fluid Mechanics</i> , 2017, 829, 551-588.	3.4	39