

Yifeng Tian

List of Publications by Year in descending order

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8
papers

99
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

47
citing authors

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