

H Jane Bae

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

462
citations

840119

11
h-index

1281420

11
g-index

15
all docs

15
docs citations

15
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Scientific multi-agent reinforcement learning for wall-models of turbulent flows. Nature Communications, 2022, 13, 1443.	5.8	48
2	Effect of Wall Boundary Conditions on a Wall-Modeled Large-Eddy Simulation in a Finite-Difference Framework. Fluids, 2021, 6, 112.	0.8	18
3	Nonlinear mechanism of the self-sustaining process in the buffer and logarithmic layer of wall-bounded flows. Journal of Fluid Mechanics, 2021, 914, .	1.4	13
4	Life cycle of streaks in the buffer layer of wall-bounded turbulence. Physical Review Fluids, 2021, 6, .	1.0	12
5	Causality of energy-containing eddies in wall-turbulence. Journal of Fluid Mechanics, 2020, 882, .	1.4	34
6	Resolvent-based study of compressibility effects on supersonic turbulent boundary layers. Journal of Fluid Mechanics, 2020, 883, .	1.4	20
7	Characterization of vortex regeneration mechanism in the self-sustaining process of wall-bounded flows using resolvent analysis. Journal of Physics: Conference Series, 2020, 1522, 012001.	0.3	0
8	Studying the effect of wall cooling in supersonic boundary layer flow using resolvent analysis. , 2020, , .		5
9	Error scaling of large-eddy simulation in the outer region of wall-bounded turbulence. Journal of Computational Physics, 2019, 392, 532-555.	1.9	25
10	Characteristic scales of Townsend's wall-attached eddies. Journal of Fluid Mechanics, 2019, 868, 698-725.	1.4	35
11	Dynamic slip wall model for large-eddy simulation. Journal of Fluid Mechanics, 2019, 859, 400-432.	1.4	80
12	Minimum-dissipation scalar transport model for large-eddy simulation of turbulent flows. Physical Review Fluids, 2016, 1, .	1.0	49
13	Minimum-dissipation models for large-eddy simulation. Physics of Fluids, 2015, 27, .	1.6	122
14	Poster: Mandala-inspired representation of the turbulent energy cascade. , 0, , .		0