

Jin Lee

List of Publications by Year in descending order

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papers

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623734

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22
all docs

22
docs citations

22
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	MPI Parallel Implementation for Pseudo-Spectral Simulations for Turbulent Channel Flow. International Journal of Computational Fluid Dynamics, 2020, 34, 569-582.	1.2	8
2	Mean flow scaling in a spanwise rotating channel. Physical Review Fluids, 2020, 5, .	2.5	6
3	Application of a self-organizing map to identify the turbulent-boundary-layer interface in a transitional flow. Physical Review Fluids, 2019, 4, .	2.5	27
4	Large-Eddy Simulation of Corner Separation in a Compressor Cascade. , 2018, , .		2
5	Detection algorithm for turbulent interfaces and large-scale structures in intermittent flows. Computers and Fluids, 2018, 175, 142-158.	2.5	14
6	Signature of large-scale motions on turbulent/non-turbulent interface in boundary layers. Journal of Fluid Mechanics, 2017, 819, 165-187.	3.4	61
7	Influence of large-scale accelerating motions on turbulent pipe and channel flows. Journal of Fluid Mechanics, 2016, 804, 420-441.	3.4	18
8	Large-scale motions in a turbulent channel flow with the slip boundary condition. International Journal of Heat and Fluid Flow, 2016, 61, 96-107.	2.4	21
9	Inner-outer interactions of large-scale structures in turbulent channel flow. Journal of Fluid Mechanics, 2016, 790, 128-157.	3.4	79
10	Scale growth of structures in the turbulent boundary layer with a rod-roughened wall. Physics of Fluids, 2016, 28, .	4.0	9
11	Direct numerical simulation of a 30R long turbulent pipe flow at $Re_{\tau} = 3008$. Physics of Fluids, 2015, 27, .	4.0	82
12	Effect of Reynolds Number on Turbulent Drag Reduction by Superhydrophobic Surface Textures. Flow, Turbulence and Combustion, 2015, 95, 277-300.	2.6	41
13	Comparison of large- and very-large-scale motions in turbulent pipe and channel flows. Physics of Fluids, 2015, 27, .	4.0	36
14	Dynamics of prolate jellyfish with a jet-based locomotion. Journal of Fluids and Structures, 2015, 57, 331-343.	3.4	33
15	Turbulent boundary layers over sparsely-spaced rod-roughened walls. International Journal of Heat and Fluid Flow, 2015, 56, 16-27.	2.4	34
16	Spatial organization of large- and very-large-scale motions in a turbulent channel flow. Journal of Fluid Mechanics, 2014, 749, 818-840.	3.4	90
17	Turbulent thermal boundary layers with temperature-dependent viscosity. International Journal of Heat and Fluid Flow, 2014, 49, 43-52.	2.4	15
18	Effect of wall heating on turbulent boundary layers with temperature-dependent viscosity. Journal of Fluid Mechanics, 2013, 726, 196-225.	3.4	104

#	ARTICLE	IF	CITATIONS
19	Direct numerical simulations of turbulent flow in a conical diffuser. Journal of Turbulence, 2012, 13, N30.	1.4	9
20	Structures of turbulent open-channel flow in the presence of an air-water interface. Journal of Turbulence, 2012, 13, N18.	1.4	7
21	Spatial features of the wall-normal structures in a turbulent boundary layer. Journal of Turbulence, 2011, 12, N46.	1.4	5
22	Coherent structures in turbulent boundary layers with adverse pressure gradients. Journal of Turbulence, 2010, 11, N28.	1.4	11