Junsun Ahn

List of Publications by Year
in descending order

13	283	1163117 8	1125743 13
papers	citations	h-index	g-index

15	15	15	262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of vortical structures in T-shaped branches depending on shear-thinning. Physics of Fluids, 2021, 33, 033107.	4.0	2
2	Mean thermal energy balance analysis in differentially heated vertical channel flows. Physics of Fluids, 2021, 33, .	4.0	8
3	Contribution of Reynolds shear stress to near-wall turbulence in Rayleighâ€“BÃ©nard convection. International Journal of Heat and Mass Transfer, 2021, 181, 121873.	4.8	3
4	Azimuthal organization of large-scale motions in a turbulent minimal pipe flow. Physics of Fluids, 2019, 31, 055113.	4.0	10
5	Statistical behavior of shear layers of reactive oxygen/kerosene spray. Acta Astronautica, 2019, 163, 157-167.	3.2	5
6	Influence of a large-eddy breakup device on the frictional drag in a turbulent boundary layer. Physics of Fluids, 2017, 29, .	4.0	22
7	Contribution of large-scale motions to the Reynolds shear stress in turbulent pipe flows. International Journal of Heat and Fluid Flow, 2017, 66, 209-216.	2.4	13
8	Relationship between streamwise and azimuthal length scales in a turbulent pipe flow. Physics of Fluids, 2017, 29, 105112.	4.0	7
9	Contribution of velocity-vorticity correlations to the frictional drag in wall-bounded turbulent flows. Physics of Fluids, 2016, 28, .	4.0	48
10	Direct numerical simulation of a 30R long turbulent pipe flow at Re Ï„ = 3008. Physics of Fluids, 2015, 27, .	4.0	82
11	Comparison of large- and very-large-scale motions in turbulent pipe and channel flows. Physics of Fluids, 2015, 27, .	4.0	36
12	Direct numerical simulations of fully developed turbulent pipe flows for ReÏ„=180, 544 and 934. International Journal of Heat and Fluid Flow, 2013, 44, 222-228.	2.4	33
13	Statistics of the turbulent boundary layers over 3D cube-roughened walls. International Journal of Heat and Fluid Flow, 2013, 44, 394-402.	2.4	14