Junho Park

List of Publications by Year
in descending order

17	244	1040056	940533
papers	citations	9	16
		h-index	g-index

17	17	17	142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Horizontal shear instabilities in rotating stellar radiation zones. Astronomy and Astrophysics, 2021, 646, A64.	5.1	11
2	The complex interplay between tidal inertial waves and zonal flows in differentially rotating stellar and planetary convective regions. Astronomy and Astrophysics, 2021, 647, A144.	5.1	9
3	Systematic comparison between the generalized Lorenz equations and DNS in the two-dimensional Rayleigh–Bénard convection. Chaos, 2021, 31, 073119.	2.5	5
4	Horizontal shear instabilities in rotating stellar radiation zones. Astronomy and Astrophysics, 2020, 635, A133.	5.1	15
5	A physically extended Lorenz system. Chaos, 2019, 29, 063129.	2.5	18
6	Sensitivity of high-speed boundary-layer stability to base-flow distortion. Journal of Fluid Mechanics, 2019, 859, 476-515.	3.4	15
7	Competition between the centrifugal and strato-rotational instabilities in the stratified Taylor–Couette flow. Journal of Fluid Mechanics, 2018, 840, 5-24.	3.4	9
8	Instabilities and transient growth of the stratified Taylor–Couette flow in a Rayleigh-unstable regime. Journal of Fluid Mechanics, 2017, 822, 80-108.	3.4	9
9	Large–eddy simulation of vortex streets and pollutant dispersion behind high–rise buildings. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 2714-2726.	2.7	10
10	Periodicity and Chaos of High-Order Lorenz Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750176.	1.7	27
11	Stability and periodicity of high-order Lorenz–Stenflo equations. Physica Scripta, 2016, 91, 065202.	2.5	14
12	Periodic and Chaotic Dynamics of the Ehrhard–Müller System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1630015.	1.7	6
13	Periodicity of the Lorenz–Stenflo equations. Physica Scripta, 2015, 90, 065201.	2.5	21
14	The stably stratified Taylor–Couette flow is always unstable except for solid-body rotation. Journal of Fluid Mechanics, 2013, 725, 262-280.	3.4	19
15	Instabilities and waves on a columnar vortex in a strongly stratified and rotating fluid. Physics of Fluids, 2013, 25, .	4.0	14
16	Radiative instability of an anticyclonic vortex in a stratified rotating fluid. Journal of Fluid Mechanics, 2012, 707, 381-392.	3.4	9
17	On the stability of large-scale streaks in turbulent Couette and Poiseulle flows. Comptes Rendus - Mecanique, 2011, 339, 1-5.	2.1	33