

Junho Park

List of Publications by Year in descending order

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docs citations

17
times ranked

142
citing authors

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