

Shin-ichi Takehiro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2805364/publications.pdf>

Version: 2024-02-01

10
papers

153
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	The circulation pattern and day-night heat transport in the atmosphere of a synchronously rotating aquaplanet: Dependence on planetary rotation rate. <i>Icarus</i> , 2017, 282, 1-18.	2.5	71
2	A Numerical Study on Appearance of the Runaway Greenhouse State of a Three-Dimensional Gray Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 3223-3238.	1.7	27
3	Regeneration cycle and the covariant Lyapunov vectors in a minimal wall turbulence. <i>Physical Review E</i> , 2015, 92, 023022.	2.1	18
4	Mean zonal flows excited by critical thermal convection in rotating spherical shells. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 1999, 90, 43-77.	1.2	10
5	Obliquity of an Earth-like Planet from Frequency Modulation of Its Direct-imaged Lightcurve: Mock Analysis from General Circulation Model Simulation. <i>Astrophysical Journal</i> , 2020, 898, 95.	4.5	5
6	Effects of radial distribution of entropy diffusivity on critical modes of anelastic thermal convection in rotating spherical shells. <i>Physics of the Earth and Planetary Interiors</i> , 2018, 276, 36-43.	1.9	3
7	Assessment of Critical Convection and Associated Rotation States in Models of Sun-like Stars Including a Stable Layer. <i>Astrophysical Journal</i> , 2020, 893, 83.	4.5	2
8	An orbital instability of minimal plane Couette turbulence. <i>Physics of Fluids</i> , 2018, 30, .	4.0	1
9	Revision of “Dependence of Climate States of Gray Atmosphere on Solar Constant: From the Runaway Greenhouse to the Snowball States” by Ishiwatari et al. (2007). <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2019JD031761.	3.3	1
10	Superrotation of Titan’s Stratosphere Driven by the Radiative Heating of the Haze Layer. <i>Astrophysical Journal</i> , 2022, 928, 149.	4.5	0