

Hiroki Kashimura

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

442

citations

13

h-index

20

g-index

27

ext. papers

556

ext. citations

5.8

avg, IF

2.81

L-index

#	Paper	IF	Citations
26	Generation of gravity waves from thermal tides in the Venus atmosphere. <i>Nature Communications</i> , 2021 , 12, 3682	17.4	5
25	Stationary Features at the Cloud Top of Venus Observed by Ultraviolet Imager Onboard Akatsuki. <i>Journal of Geophysical Research E: Planets</i> , 2019 , 124, 1266-1281	4.1	10
24	JAMSTEC Model Intercomparison Project (JMIP). <i>JAMSTEC Report of Research and Development</i> , 2019 , 28, 5-34	0	
23	Formation of the Y Feature at the Venusian Cloud Top by Planetary-Scale Waves and the Mean Circulation: Analysis of Venus Express VMC Images. <i>Journal of Geophysical Research E: Planets</i> , 2019 , 124, 1143	4.1	5
22	Planetary-scale streak structure reproduced in high-resolution simulations of the Venus atmosphere with a low-stability layer. <i>Nature Communications</i> , 2019 , 10, 23	17.4	24
21	Initial products of Akatsuki 1-th camera. <i>Earth, Planets and Space</i> , 2018 , 70,	2.9	11
20	Ultraviolet imager on Venus orbiter and its initial results. <i>Earth, Planets and Space</i> , 2018 , 70, 23	2.9	23
19	Extreme temperature and precipitation response to solar dimming and stratospheric aerosol geoengineering. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10133-10156	6.8	10
18	Initiation of a lightning search using the lightning and airglow camera onboard the Venus orbiter Akatsuki. <i>Earth, Planets and Space</i> , 2018 , 70, 88	2.9	7
17	Initial performance of the radio occultation experiment in the Venus orbiter mission Akatsuki. <i>Earth, Planets and Space</i> , 2017 , 69,	2.9	36
16	Absolute calibration of brightness temperature of the Venus disk observed by the Longwave Infrared Camera onboard Akatsuki. <i>Earth, Planets and Space</i> , 2017 , 69,	2.9	16
15	Performance of Akatsuki/IR2 in Venus orbit: the first year. <i>Earth, Planets and Space</i> , 2017 , 69,	2.9	21
14	Equatorial jet in the lower to middle cloud layer of Venus revealed by Akatsuki. <i>Nature Geoscience</i> , 2017 , 10, 646-651	18.3	24
13	Development of an ensemble Kalman filter data assimilation system for the Venusian atmosphere. <i>Scientific Reports</i> , 2017 , 7, 9321	4.9	13
12	Vertical structure of the axi-asymmetric temperature disturbance in the Venusian polar atmosphere: Comparison between radio occultation measurements and GCM results. <i>Journal of Geophysical Research E: Planets</i> , 2017 , 122, 1687-1703	4.1	12
11	Topographical and Local Time Dependence of Large Stationary Gravity Waves Observed at the Cloud Top of Venus. <i>Geophysical Research Letters</i> , 2017 , 44, 12,098	4.9	33
10	Shortwave radiative forcing, rapid adjustment, and feedback to the surface by sulfate geoengineering: analysis of the Geoengineering Model Intercomparison Project G4 scenario. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 3339-3356	6.8	13

9	Overview of Akatsuki data products: definition of data levels, method and accuracy of geometric correction. <i>Earth, Planets and Space</i> , 2017 , 69,	2.9	17
8	The puzzling Venusian polar atmospheric structure reproduced by a general circulation model. <i>Nature Communications</i> , 2016 , 7, 10398	17.4	28
7	AKATSUKI returns to Venus. <i>Earth, Planets and Space</i> , 2016 , 68,	2.9	69
6	Regime Diagrams of Solutions in an Idealized Quasi-Axisymmetric Model for Superrotation of Planetary Atmospheres. <i>Journal of the Meteorological Society of Japan</i> , 2015 , 93, 309-326	2.8	3
5	Protein stabilization utilizing a redefined codon. <i>Scientific Reports</i> , 2015 , 5, 9762	4.9	28
4	Non-Negative Filter Using Arcsine Transformation for Tracer Advection with Semi-Lagrangian Scheme. <i>Scientific Online Letters on the Atmosphere</i> , 2013 , 9, 125-128	2.1	
3	Theoretical Estimation of the Superrotation Strength in an Idealized Quasi-Axisymmetric Model of Planetary Atmospheres. <i>Journal of the Meteorological Society of Japan</i> , 2013 , 91, 119-141	2.8	3
2	Automated cloud tracking system for the Akatsuki Venus Climate Orbiter data. <i>Icarus</i> , 2012 , 217, 661-668	3.8	27
1	Laboratory experiments on two coalescing axisymmetric turbulent plumes in a rotating fluid. <i>Physics of Fluids</i> , 2011 , 23, 056601	4.4	4