Chihiro Kodama

List of Publications by Year
in descending order

22	1,167	759233 12	713466 21
papers	citations	h-index	g-index

32	32	32	1913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mesoscale Convective Systems Simulated by a Highâ€Resolution Global Nonhydrostatic Model Over the United States and China. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	6
2	Deceleration of Maddenâ€“Julian Oscillation Speed in NICAM AMIPâ€Type Simulation Associated With Biases in the Walker Circulation Strength. Geophysical Research Letters, 2022, 49, .	4.0	1
3	Precipitation Characteristics and Future Changes Over the Southern Slope of Tibetan Plateau Simulated by a Highâ€Resolution Global Nonhydrostatic Model. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033630.	3.3	10
4	The Nonhydrostatic ICosahedral Atmospheric Model for CMIP6 HighResMIP simulations (NICAM16-S): experimental design, model description, and impacts of model updates. Geoscientific Model Development, 2021, 14, 795-820.	3.6	28
5	Tropical Cyclones in Global Storm-Resolving Models. Journal of the Meteorological Society of Japan, 2021, 99, 579-602.	1.8	28
6	Projected Future Changes in Tropical Cyclones Using the CMIP6 HighResMIP Multimodel Ensemble. Geophysical Research Letters, 2020, 47, e2020GL088662.	4.0	119
7	Precipitation Probability and Its Future Changes From a Global Cloudâ€Resolving Model and CMIP6 Simulations. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031926.	3.3	31
8	Highâ€Resolution Ensemble Simulations of Intense Tropical Cyclones and Their Internal Variability During the El NiÃ±os of 1997 and 2015. Geophysical Research Letters, 2019, 46, 7592-7601.	4.0	13
9	Responses of Clouds and Largeâ€Scale Circulation to Global Warming Evaluated From Multidecadal Simulations Using a Global Nonhydrostatic Model. Journal of Advances in Modeling Earth Systems, 2019, 11, 2980-2995.	3.8	14
10	A New Perspective for Future Precipitation Change from Intense Extratropical Cyclones. Geophysical Research Letters, 2019, 46, 12435-12444.	4.0	19
11	Characteristics of Ice Clouds Over Mountain Regions Detected by CALIPSO and CloudSat Satellite Observations. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10858-10877.	3.3	5
12	Cloud feedbacks in extratropical cyclones: insight from long-term satellite data and high-resolution global simulations. Atmospheric Chemistry and Physics, 2019, 19, 1147-1172.	4.9	12
13	JAMSTEC Model Intercomparision Project (JMIP). JAMSTEC Report of Research and Development, 2019, 28, 5-34.	0.2	0
14	The Impact of Hybrid Usage of a Cumulus Parameterization Scheme on Tropical Convection and Largeâ€Scale Circulations in a Global Cloudâ€System Resolving Model. Journal of Advances in Modeling Earth Systems, 2018, 10, 2952-2970.	3.8	5
15	High Resolution Model Intercomparison Project (HighResMIPÂv1.0) for CMIP6. Geoscientific Model Development, 2016, 9, 4185-4208.	3.6	643
16	A 20-Year Climatology of a NICAM AMIP-Type Simulation. Journal of the Meteorological Society of Japan, 2015, 93, 393-424.	1.8	104
17	Impact of the sea surface temperature rise on stormâ€track clouds in global nonhydrostatic aqua planet simulations. Geophysical Research Letters, 2014, 41, 3545-3552.	4.0	13
18	Scalable rank-mapping algorithm for an icosahedral grid system on the massive parallel computer with a 3-D torus network. Parallel Computing, 2014, 40, 362-373.	2.1	6

#	Article	IF	Citations
19	An assessment of the cloud signals simulated by NICAM using ISCCP, CALIPSO, and CloudSat satellite simulators. Journal of Geophysical Research, 2012, 117, .	3.3	49
20	Negative Correlation between the Interannual Variabilities of the Stationary and Transient Wave Energy in the Northern Hemisphere. Scientific Online Letters on the Atmosphere, 2010, 6, 37-40.	1.4	4
21	Influence of the SST Rise on Baroclinic Instability Wave Activity under an Aquaplanet Condition. Journals of the Atmospheric Sciences, 2009, 66, 2272-2287.	1.7	25
22	Changes in the stratospheric mean meridional circulation due to increased CO₂: Radiationâ€•and sea surface temperatureâ€“induced effects. Journal of Geophysical Research, 2007, 112, .	3.3	26