Masato Sugi

List of Publications by Year
in descending order

19 papers	5,223 citations	471509 17 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	5059 citing authors

#	Article	IF	Citations
1	Tropical cyclones and climate change. Nature Geoscience, 2010, 3, 157-163.	12.9	2,533
2	Tropical Cyclones and Climate Change Assessment: Part II: Projected Response to Anthropogenic Warming. Bulletin of the American Meteorological Society, 2020, 101, E303-E322.	3.3	573
3	Tropical cyclones and climate change. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 65-89.	8.1	471
4	Climate Simulations Using MRI-AGCM3.2 with 20-km Grid. Journal of the Meteorological Society of Japan, 2012, 90A, 233-258.	1.8	413
5	Future Changes in Tropical Cyclone Activity Projected by the New High-Resolution MRI-AGCM. Journal of Climate, 2012, 25, 3237-3260.	3.2	342
6	Influence of the Global Warming on Tropical Cyclone Climatology: An Experiment with the JMA Global Model.. Journal of the Meteorological Society of Japan, 2002, 80, 249-272.	1.8	257
7	Future Changes in Tropical Cyclone Activity in Highâ€Resolution Largeâ€Ensemble Simulations. Geophysical Research Letters, 2017, 44, 9910-9917.	4.0	159
8	Response of Tropical Cyclone Activity and Structure to Global Warming in a High-Resolution Global Nonhydrostatic Model. Journal of Climate, 2017, 30, 9703-9724.	3.2	92
9	A Mechanism of Tropical Precipitation Change due to CO2Increase. Journal of Climate, 2004, 17, 238-243.	3.2	54
10	On the Mechanism of Tropical Cyclone Frequency Changes Due to Global Warming. Journal of the Meteorological Society of Japan, 2012, 90A, 397-408.	1.8	54
11	Tropical Cyclone Climatology in a High-resolution AGCM -Impacts of SST Warming and CO2 Increase-. Scientific Online Letters on the Atmosphere, 2005, 1, 133-136.	1.4	51
12	Projection of future changes in the frequency of intense tropical cyclones. Climate Dynamics, 2017, 49, 619-632.	3.8	51
13	Decreasing trend of tropical cyclone frequency in 228â€year highâ€resolution AGCM simulations. Geophysical Research Letters, 2012, 39, .	4.0	39
14	Future Changes in Structures of Extremely Intense Tropical Cyclones Using a 2-km Mesh Nonhydrostatic Model. Journal of Climate, 2013, 26, 9986-10005.	3.2	33
15	Future Changes in the Global Frequency of Tropical Cyclone Seeds. Scientific Online Letters on the Atmosphere, 2020, 16, 70-74.	1.4	33
16	Evaluation of the contribution of tropical cyclone seeds to changes in tropical cyclone frequency due to global warming in high-resolution multi-model ensemble simulations. Progress in Earth and Planetary Science, 2021, 8, .	3.0	30
17	More tropical cyclones in a cooler climate?. Geophysical Research Letters, 2015, 42, 6780-6784.	4.0	27
18	Future projections of heat waves around Japan simulated by CMIP3 and highâ€resolution Meteorological Research Institute atmospheric climate models. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3097-3109.	3.3	10

#	Article	IF	Citations
19	Changes in Earthâ€™s Energy Flows and Clouds in 228-Year Simulation with a High-Resolution AGCM. Surveys in Geophysics, 2012, 33, 427-443.	4.6	1