

# Hanii Takahashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2671843/publications.pdf>

Version: 2024-02-01

17  
papers

480  
citations

759233

12  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

973  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong constraints on aerosol–cloud interactions from volcanic eruptions. <i>Nature</i> , 2017, 546, 485-491.	27.8	191
2	Characterizing tropical overshooting deep convection from joint analysis of CloudSat and geostationary satellite observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 112-121.	3.3	44
3	Where is the level of neutral buoyancy for deep convection?. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	38
4	Convective vertical velocity and cloud internal vertical structure: An A-Train perspective. <i>Geophysical Research Letters</i> , 2014, 41, 723-729.	4.0	32
5	Level of neutral buoyancy, deep convective outflow, and convective core: New perspectives based on 5½-years of CloudSat data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2958-2969.	3.3	27
6	Land–ocean differences in the warm-rain formation process in satellite and ground-based observations and model simulations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1804-1815.	2.7	22
7	An investigation of microphysics and subgrid-scale variability in warm-rain clouds using the A-Train observations and a multiscale modeling framework. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7493-7504.	3.3	22
8	Tropical cloud and precipitation regimes as seen from near-simultaneous TRMM, CloudSat, and CALIPSO observations and comparison with ISCCP. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5988-6003.	3.3	18
9	Cloud physics from space. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2854-2875.	2.7	18
10	Tropical water vapor variations during the 2006–2007 and 2009–2010 El Niño±os: Satellite observation and GFDL AM2.1 simulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8910-8920.	3.3	16
11	Error analysis of upper tropospheric water vapor in CMIP5 models using A-Train satellite observations and reanalysis data. <i>Climate Dynamics</i> , 2016, 46, 2787-2803.	3.8	16
12	Ice cloud microphysical trends observed by the Atmospheric Infrared Sounder. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10715-10739.	4.9	12
13	Revisiting the Entrainment Relationship of Convective Plumes: A Perspective From Global Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092349.	4.0	9
14	When Will Spaceborne Cloud Radar Detect Upward Shifts in Cloud Heights?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7270-7285.	3.3	8
15	Water vapor changes under global warming and the linkage to present-day interannual variabilities in CMIP5 models. <i>Climate Dynamics</i> , 2016, 47, 3673-3691.	3.8	7
16	Warm Cloud Evolution, Precipitation, and Their Weak Linkage in HadGEM3: New Process-Level Diagnostics using A-Train Observations. <i>Journals of the Atmospheric Sciences</i> , 2021, , .	1.7	0
17	Understanding Errors in Cloud Liquid Water Path Retrievals derived from CloudSat Path Integrated Attenuation. <i>Journal of Applied Meteorology and Climatology</i> , 2022, , .	1.5	0