

# Christopher Terai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3560383/publications.pdf>

Version: 2024-02-01

16  
papers

1,250  
citations

687363

13  
h-index

996975

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2019  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Assessment of Earth's Climate Sensitivity Using Multiple Lines of Evidence. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000678.	23.0	498
2	Observational constraints on mixed-phase clouds imply higher climate sensitivity. <i>Science</i> , 2016, 352, 224-227.	12.6	331
3	Does precipitation susceptibility vary with increasing cloud thickness in marine stratocumulus?. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 4567-4583.	4.9	69
4	Microphysical process rates and global aerosol-cloud interactions. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9855-9867.	4.9	66
5	Constraining the low-cloud optical depth feedback at middle and high latitudes using satellite observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9696-9716.	3.3	57
6	Aircraft observations of aerosol, cloud, precipitation, and boundary layer properties in pockets of open cells over the southeast Pacific. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 8071-8088.	4.9	43
7	Aircraft observations of cold pools under marine stratocumulus. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9899-9914.	4.9	39
8	The atmospheric hydrologic cycle in the ACME v0.3 model. <i>Climate Dynamics</i> , 2018, 50, 3251-3279.	3.8	31
9	Convection-Permitting Simulations With the E3SM Global Atmosphere Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002544.	3.8	23
10	Insensitivity of the Cloud Response to Surface Warming Under Radical Changes to Boundary Layer Turbulence and Cloud Microphysics: Results From the Ultraparameterized CAM. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 3139-3158.	3.8	20
11	Satellite estimates of precipitation susceptibility in low-level marine stratiform clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8878-8889.	3.3	18
12	Mechanisms Behind the Extratropical Stratiform Low-Cloud Optical Depth Response to Temperature in ARM Site Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2127-2147.	3.3	16
13	The Impact of Resolving Subkilometer Processes on Aerosol-Cloud Interactions of Low-Level Clouds in Global Model Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002274.	3.8	16
14	Corrigendum to "Microphysical Process Rates and Global Aerosol-Cloud Interactions" published in <i>Atmos. Chem. Phys.</i> , 13, 9855-9867, 2013. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9099-9103.	4.9	4
15	Evaluating the Lagrangian Evolution of Subtropical Low Clouds in GCMs Using Observations: Mean Evolution, Time Scales, and Responses to Predictors. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 353-372.	1.7	1
16	Lower Tropospheric Processes: A Control on the Global Mean Precipitation Rate. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091169.	4.0	0