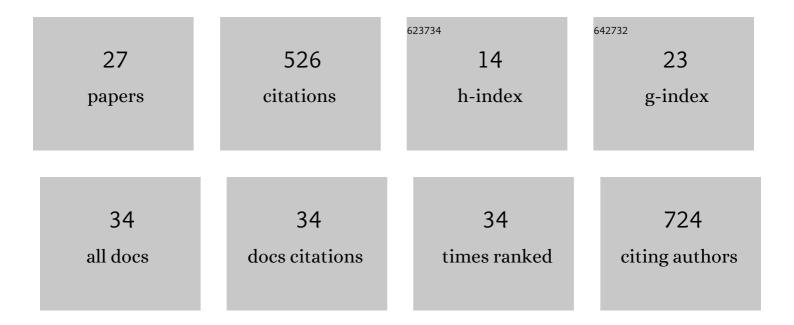
## Damao Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A global view of midlevel liquid″ayer topped stratiform cloud distribution and phase partition from CALIPSO and CloudSat measurements. Journal of Geophysical Research, 2010, 115, .	3.3	91
2	AWARE: The Atmospheric Radiation Measurement (ARM) West Antarctic Radiation Experiment. Bulletin of the American Meteorological Society, 2020, 101, E1069-E1091.	3.3	46
3	Formation and Spread of Aircraft-Induced Holes in Clouds. Science, 2011, 333, 77-81.	12.6	40
4	Global dust distribution from improved thin dust layer detection using Aâ€ŧrain satellite lidar observations. Geophysical Research Letters, 2015, 42, 620-628.	4.0	37
5	Quantifying the impact of dust on heterogeneous ice generation in midlevel supercooled stratiform clouds. Geophysical Research Letters, 2012, 39, .	4.0	33
6	Ice particle production in mid-level stratiform mixed-phase clouds observed with collocated A-Train measurements. Atmospheric Chemistry and Physics, 2018, 18, 4317-4327.	4.9	31
7	Understanding Rapid Changes in Phase Partitioning between Cloud Liquid and Ice in Stratiform Mixed-Phase Clouds: An Arctic Case Study. Monthly Weather Review, 2016, 144, 4805-4826.	1.4	29
8	Aerosol impacts on cloud thermodynamic phase change over East Asia observed with CALIPSO and CloudSat measurements. Journal of Geophysical Research D: Atmospheres, 2015, 120, 1490-1501.	3.3	28
9	Impacts of Representing Heterogeneous Distribution of Cloud Liquid and Ice on Phase Partitioning of Arctic Mixedâ€Phase Clouds with NCAR CAM5. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13071-13090.	3.3	24
10	lce Concentration Retrieval in Stratiform Mixed-Phase Clouds Using Cloud Radar Reflectivity Measurements and 1D Ice Growth Model Simulations. Journals of the Atmospheric Sciences, 2014, 71, 3613-3635.	1.7	22
11	Spatial scales of altocumulus clouds observed with collocated CALIPSO and CloudSat measurements. Atmospheric Research, 2014, 149, 58-69.	4.1	20
12	Marine boundary layer structure as observed by A-train satellites. Atmospheric Chemistry and Physics, 2016, 16, 5891-5903.	4.9	20
13	Distinct Contributions of Ice Nucleation, Largeâ€Scale Environment, and Shallow Cumulus Detrainment to Cloud Phase Partitioning With NCAR CAM5. Journal of Geophysical Research D: Atmospheres, 2018, 123, 1132-1154.	3.3	15
14	Reconciling Differences Between Largeâ€Eddy Simulations and Doppler Lidar Observations of Continental Shallow Cumulus Cloudâ€Base Vertical Velocity. Geophysical Research Letters, 2019, 46, 11539-11547.	4.0	14
15	Comparison of Antarctic and Arctic Singleâ€Layer Stratiform Mixedâ€Phase Cloud Properties Using Groundâ€Based Remote Sensing Measurements. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10186-10204.	3.3	14
16	The occurrence of ice production in slightly supercooled Arctic stratiform clouds as observed by groundâ€based remote sensors at the ARM NSA site. Journal of Geophysical Research D: Atmospheres, 2017, 122, 2867-2877.	3.3	14
17	Vertically resolved separation of dust and other aerosol types by a new lidar depolarization method. Optics Express, 2015, 23, 14095.	3.4	13
18	A new approach to estimate supersaturation fluctuations in stratocumulus cloud using ground-based remote-sensing measurements. Atmospheric Measurement Techniques, 2019, 12, 5817-5828.	3.1	11

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#	Article	IF	CITATIONS
19	Clouds over East Asia Observed with Collocated CloudSat and CALIPSO Measurements: Occurrence and Macrophysical Properties. Atmosphere, 2018, 9, 168.	2.3	10
20	Cloud Type and Life Stage Dependency of Liquid–Ice Mass Partitioning in Mixed-Phase Clouds. Remote Sensing, 2022, 14, 1431.	4.0	4
21	Evaluating seasonal and regional distribution of snowfall in regional climate model simulations in the Arctic. Atmospheric Chemistry and Physics, 2022, 22, 7287-7317.	4.9	4
22	Quantifying the Hygroscopic Growth of Marine Boundary Layer Aerosols by Satellite-Based and Buoy Observations. Journals of the Atmospheric Sciences, 2015, 72, 1063-1074.	1.7	2
23	A new afterpulse correction for micro-pulse lidar to improve middle and upper tropospheric aerosol measurements. Optics Express, 0, , .	3.4	1
24	AWARE in West Antarctica: Clouds, climate, and critical ice melt. Bulletin of the American Meteorological Society, 2020, 101, 892-898.	3.3	1
25	African dust impacts on mixed-phase and warm stratiform clouds observed from CALIPSO and CloudSat measurements. , 2013, , .		0
26	Aerosol property variations over global oceans as observed by the A-train satellites. , 2013, , .		0
27	Global Dust Transport as Observed by A-Train Satellites. EPJ Web of Conferences, 2016, 119, 08010.	0.3	0