

# Tianmeng Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3144591/publications.pdf>

Version: 2024-02-01

13  
papers

492  
citations

1163117

8  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

642  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of influential factors for the relationship between PM <sub>2.5</sub> and AOD in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13473-13489.	4.9	154
2	Multi-sensor quantification of aerosol-induced variability in warm clouds over eastern China. <i>Atmospheric Environment</i> , 2015, 113, 1-9.	4.1	80
3	Fifteen-year statistical analysis of cloud characteristics over China using Terra and Aqua Moderate Resolution Imaging Spectroradiometer observations. <i>International Journal of Climatology</i> , 2019, 39, 2612-2629.	3.5	59
4	Mesoscale Convective Systems in the Asian Monsoon Region From Advanced Himawari Imager: Algorithms and Preliminary Results. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2210-2234.	3.3	57
5	A CloudSat Perspective on the Cloud Climatology and Its Association with Aerosol Perturbations in the Vertical over Eastern China. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 3599-3616.	1.7	56
6	Potential impact of aerosols on convective clouds revealed by Himawari-8 observations over different terrain types in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6199-6220.	4.9	23
7	Spatiotemporal characteristics of atmospheric turbulence over China estimated using operational high-resolution soundings. <i>Environmental Research Letters</i> , 2021, 16, 054050.	5.2	19
8	Improved retrieval of cloud base heights from ceilometer using a non-standard instrument method. <i>Atmospheric Research</i> , 2018, 202, 148-155.	4.1	15
9	The Significant Role of Radiosonde-measured Cloud-base Height in the Estimation of Cloud Radiative Forcing. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1552-1565.	4.3	9
10	Contrasting Trends of Surface PM <sub>2.5</sub> , O <sub>3</sub> , and NO <sub>2</sub> and Their Relationships with Meteorological Parameters in Typical Coastal and Inland Cities in the Yangtze River Delta. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12471.	2.6	9
11	Vertical structures of temperature inversions and clouds derived from high-resolution radiosonde measurements at Ny-Ålesund, Svalbard. <i>Atmospheric Research</i> , 2021, 254, 105530.	4.1	5
12	Investigation of raindrop size distribution and its potential influential factors during warm season over China. <i>Atmospheric Research</i> , 2022, 275, 106248.	4.1	4
13	On the seasonal variation of various types of precipitation over global tropical ocean region: A perspective from TRMM measurements. <i>Chinese Science Bulletin</i> , 2017, 62, 90-104.	0.7	2