

# Chia-Lun Tsai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6065623/publications.pdf>

Version: 2024-02-01

12  
papers

160  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Surface Features of Arc-Shaped Radar Echoes along an Outer Tropical Cyclone Rainband. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 56-72.	1.7	30
2	Surface Pressure Features of Landfalling Typhoon Rainbands and Their Possible Causes. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2893-2911.	1.7	26
3	Impacts of Topography on Airflow and Precipitation in the Pyeongchang Area Seen from Multiple-Doppler Radar Observations. <i>Monthly Weather Review</i> , 2018, 146, 3401-3424.	1.4	19
4	Impact of Tropical Cyclones on Inhabited Areas of the SWIO Basin at Present and Future Horizons. Part 1: Overview and Observing Component of the Research Project RENOVRISK-CYCLONE. <i>Atmosphere</i> , 2021, 12, 544.	2.3	16
5	Measuring droplet fall speed with a high-speed camera: indoor accuracy and potential outdoor applications. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1755-1766.	3.1	15
6	Structural changes of an outer tropical cyclone rain band encountering the topography of northern Taiwan. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1107-1122.	2.7	14
7	Projected Changes in the Southern Indian Ocean Cyclone Activity Assessed from High-Resolution Experiments and CMIP5 Models. <i>Journal of Climate</i> , 2020, 33, 4975-4991.	3.2	12
8	Impact of wind pattern and complex topography on snow microphysics during International Collaborative Experiment for PyeongChang 2018 Olympic and Paralympic winter games (ICE-POP 2018). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11955-11978.	4.9	9
9	Outer Tropical Cyclone Rainbands Associated with Typhoon Matmo (2014). <i>Monthly Weather Review</i> , 2020, 148, 2935-2952.	1.4	7
10	Impact of Tropical Cyclones on Inhabited Areas of the SWIO Basin at Present and Future Horizons. Part 2: Modeling Component of the Research Program RENOVRISK-CYCLONE. <i>Atmosphere</i> , 2021, 12, 689.	2.3	5
11	A numerical simulation of a strong windstorm event in the Taebaek Mountain Region in Korea during the ICE-POP 2018. <i>Atmospheric Research</i> , 2022, 272, 106158.	4.1	5
12	Orographic-Induced Strong Wind Associated With a Low-Pressure System Under Clear-Air Condition During ICE-POP 2018. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	2