

# Kwinten Van Weverberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4979948/publications.pdf>

Version: 2024-02-01

11  
papers

304  
citations

1039406

9  
h-index

1372195

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

677  
citing authors

#	ARTICLE	IF	CITATIONS
1	CAUSES: Attribution of Surface Radiation Biases in NWP and Climate Models near the U.S. Southern Great Plains. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3612-3644.	1.2	62
2	CAUSES: On the Role of Surface Energy Budget Errors to the Warm Surface Air Temperature Error Over the Central United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2888-2909.	1.2	60
3	Introduction to CAUSES: Description of Weather and Climate Models and Their Near-Surface Temperature Errors in 5-Day Hindcasts Near the Southern Great Plains. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2655-2683.	1.2	53
4	CAUSES: Diagnosis of the Summertime Warm Bias in CMIP5 Climate Models at the ARM Southern Great Plains Site. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2968-2992.	1.2	33
5	Comparison of one-moment and two-moment bulk microphysics for high-resolution climate simulations of intense precipitation. <i>Atmospheric Research</i> , 2014, 147-148, 145-161.	1.8	25
6	Using regime analysis to identify the contribution of clouds to surface temperature errors in weather and climate models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 3190-3206.	1.0	22
7	Effects of Cloud Liquid-Phase Microphysical Processes in Mixed-Phase Cumuli Over the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033371.	1.2	18
8	Towards retrieving critical relative humidity from ground-based remote-sensing observations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 2867-2881.	1.0	15
9	A Bimodal Diagnostic Cloud Fraction Parameterization. Part I: Motivating Analysis and Scheme Description. <i>Monthly Weather Review</i> , 2021, 149, 841-857.	0.5	10
10	A Bimodal Diagnostic Cloud Fraction Parameterization. Part II: Evaluation and Resolution Sensitivity. <i>Monthly Weather Review</i> , 2021, 149, 859-878.	0.5	4
11	Sensitivity of Cloud-Radiative Effects to Cloud Fraction Parametrizations in Tropical, Mid-Latitude and Arctic Kilometre-Scale Simulations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 0, , .	1.0	2