Kwinten Van Weverberg

List of Publications by Year
in descending order

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