

# C N Long

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12102595/publications.pdf>

Version: 2024-02-01

24  
papers

2,030  
citations

394421

19  
h-index

610901

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2021  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ARM Tropical Western Pacific (TWP) Sites. Meteorological Monographs, 2016, 57, 7.1-7.14.	5.0	27
2	Assessment of long-term WRF&CMAQ simulations for understanding direct aerosol effects on radiation &quot;brightening&quot; in the United States. Atmospheric Chemistry and Physics, 2015, 15, 12193-12209.	4.9	39
3	Solar irradiances measured using SPN1 radiometers: uncertainties and clues for development. Atmospheric Measurement Techniques, 2014, 7, 4267-4283.	3.1	29
4	Comparing the cloud vertical structure derived from several methods based on radiosonde profiles and ground-based remote sensing measurements. Atmospheric Measurement Techniques, 2014, 7, 2757-2773.	3.1	36
5	Assessment of the effect of air pollution controls on trends in shortwave radiation over the United States from 1995 through 2010 from multiple observation networks. Atmospheric Chemistry and Physics, 2014, 14, 1701-1715.	4.9	43
6	ARM Research In The Equatorial Western Pacific: A Decade And Counting. Bulletin of the American Meteorological Society, 2013, 94, 695-708.	3.3	22
7	Evaluation of Arctic broadband surface radiation measurements. Atmospheric Measurement Techniques, 2012, 5, 429-438.	3.1	11
8	Evaluation of cloud fraction and its radiative effect simulated by IPCC AR4 global models against ARM surface observations. Atmospheric Chemistry and Physics, 2012, 12, 1785-1810.	4.9	80
9	Shortwave spectral radiative forcing of cumulus clouds from surface observations. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	14
10	Using surface remote sensors to derive radiative characteristics of Mixed-Phase Clouds: an example from M-PACE. Atmospheric Chemistry and Physics, 2011, 11, 11937-11949.	4.9	11
11	Assessment of BSRN radiation records for the computation of monthly means. Atmospheric Measurement Techniques, 2011, 4, 339-354.	3.1	138
12	Sky cover from MFRSR observations. Atmospheric Measurement Techniques, 2011, 4, 1463-1470.	3.1	6
13	Development of a high spectral resolution surface albedo product for the ARM Southern Great Plains central facility. Atmospheric Measurement Techniques, 2011, 4, 1713-1733.	3.1	18
14	Optimized fractional cloudiness determination from five ground-based remote sensing techniques. Journal of Geophysical Research, 2010, 115, .	3.3	62
15	A Method of Correcting for Tilt from Horizontal in Downwelling Shortwave Irradiance Measurements on Moving Platforms. The Open Atmospheric Science Journal, 2010, 4, 78-87.	0.5	32
16	Evaluating regional cloud-permitting simulations of the WRF model for the Tropical Warm Pool International Cloud Experiment (TWP&ICE), Darwin, 2006. Journal of Geophysical Research, 2009, 114, .	3.3	43
17	Significant decadal brightening of downwelling shortwave in the continental United States. Journal of Geophysical Research, 2009, 114, .	3.3	106
18	A method for continuous estimation of clear-sky downwelling longwave radiative flux developed using ARM surface measurements. Journal of Geophysical Research, 2008, 113, .	3.3	65

#	ARTICLE	IF	CITATIONS
19	An Automated Quality Assessment and Control Algorithm for Surface Radiation Measurements. The Open Atmospheric Science Journal, 2008, 2, 23-37.	0.5	163
20	Estimation of fractional sky cover from broadband shortwave radiometer measurements. Journal of Geophysical Research, 2006, 111, .	3.3	112
21	Retrieving Cloud Characteristics from Ground-Based Daytime Color All-Sky Images. Journal of Atmospheric and Oceanic Technology, 2006, 23, 633-652.	1.3	329
22	Improved sky imaging for studies of enhanced UV irradiance. Atmospheric Chemistry and Physics, 2004, 4, 2543-2552.	4.9	45
23	Cloud Coverage Based on All-Sky Imaging and Its Impact on Surface Solar Irradiance. Journal of Applied Meteorology and Climatology, 2003, 42, 1421-1434.	1.7	213
24	Absorption of Solar Radiation by Clouds: Observations Versus Models. Science, 1995, 267, 496-499.	12.6	383