

# C N Long

## List of Publications by Year in descending order

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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	Absorption of Solar Radiation by Clouds: Observations Versus Models. <i>Science</i> , 1995, 267, 496-499.	12.6	383
2	Retrieving Cloud Characteristics from Ground-Based Daytime Color All-Sky Images. <i>Journal of Atmospheric and Oceanic Technology</i> , 2006, 23, 633-652.	1.3	329
3	Cloud Coverage Based on All-Sky Imaging and Its Impact on Surface Solar Irradiance. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 1421-1434.	1.7	213
4	An Automated Quality Assessment and Control Algorithm for Surface Radiation Measurements. <i>The Open Atmospheric Science Journal</i> , 2008, 2, 23-37.	0.5	163
5	Assessment of BSRN radiation records for the computation of monthly means. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 339-354.	3.1	138
6	Estimation of fractional sky cover from broadband shortwave radiometer measurements. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	112
7	Significant decadal brightening of downwelling shortwave in the continental United States. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	106
8	Evaluation of cloud fraction and its radiative effect simulated by IPCC AR4 global models against ARM surface observations. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1785-1810.	4.9	80
9	A method for continuous estimation of clear-sky downwelling longwave radiative flux developed using ARM surface measurements. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	65
10	Optimized fractional cloudiness determination from five ground-based remote sensing techniques. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	62
11	Improved sky imaging for studies of enhanced UV irradiance. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 2543-2552.	4.9	45
12	Evaluating regional cloud-permitting simulations of the WRF model for the Tropical Warm Pool International Cloud Experiment (TWP-ICE), Darwin, 2006. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
13	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. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1701-1715.	4.9	43
14	Assessment of long-term WRF-CMAQ simulations for understanding direct aerosol effects on radiation &quot;brightening&quot; in the United States. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 12193-12209.	4.9	39
15	Comparing the cloud vertical structure derived from several methods based on radiosonde profiles and ground-based remote sensing measurements. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 2757-2773.	3.1	36
16	A Method of Correcting for Tilt from Horizontal in Downwelling Shortwave Irradiance Measurements on Moving Platforms. <i>The Open Atmospheric Science Journal</i> , 2010, 4, 78-87.	0.5	32
17	Solar irradiances measured using SPN1 radiometers: uncertainties and clues for development. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 4267-4283.	3.1	29
18	The ARM Tropical Western Pacific (TWP) Sites. <i>Meteorological Monographs</i> , 2016, 57, 7.1-7.14.	5.0	27

#	ARTICLE	IF	CITATIONS
19	ARM Research In The Equatorial Western Pacific: A Decade And Counting. Bulletin of the American Meteorological Society, 2013, 94, 695-708.	3.3	22
20	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
21	Shortwave spectral radiative forcing of cumulus clouds from surface observations. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	14
22	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
23	Evaluation of Arctic broadband surface radiation measurements. Atmospheric Measurement Techniques, 2012, 5, 429-438.	3.1	11
24	Sky cover from MFRSR observations. Atmospheric Measurement Techniques, 2011, 4, 1463-1470.	3.1	6