

Sun Wong

List of Publications by Year in descending order

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32
papers

826
citations

471509

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docs citations

33
times ranked

1296
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of Storm Track Variations on Wintertime Extreme Precipitation and Moisture Budgets over the Ohio Valley and Northwestern United States. <i>Journal of Climate</i> , 2020, 33, 5371-5391.	3.2	3
2	Temporal and Spatial Characteristics of Short-Term Cloud Feedback on Global and Local Interannual Climate Fluctuations from A-Train Observations. <i>Journal of Climate</i> , 2019, 32, 1875-1893.	3.2	7
3	The 2005 Amazon Drought Legacy Effect Delayed the 2006 Wet Season Onset. <i>Geophysical Research Letters</i> , 2019, 46, 9082-9090.	4.0	10
4	Regime-Dependent Differences in Surface Freshwater Exchange Estimates Over the Ocean. <i>Geophysical Research Letters</i> , 2018, 45, 955-963.	4.0	3
5	Coupling of Precipitation and Cloud Structures in Oceanic Extratropical Cyclones to Large-Scale Moisture Flux Convergence. <i>Journal of Climate</i> , 2018, 31, 9565-9584.	3.2	5
6	Single-footprint retrievals of temperature, water vapor and cloud properties from AIRS. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 971-995.	3.1	39
7	Moist convection: a key to tropical wave-moisture interaction in Indian monsoon intraseasonal oscillation. <i>Climate Dynamics</i> , 2018, 51, 3673-3684.	3.8	5
8	Rapid decadal convective precipitation increase over Eurasia during the last three decades of the 20th century. <i>Science Advances</i> , 2017, 3, e1600944.	10.3	43
9	On the response of MODIS cloud coverage to global mean surface air temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 966-979.	3.3	18
10	More frequent showers and thunderstorm days under a warming climate: evidence observed over Northern Eurasia from 1966 to 2000. <i>Climate Dynamics</i> , 2017, 49, 1933-1944.	3.8	11
11	Responses of Tropical Ocean Clouds and Precipitation to the Large-Scale Circulation: Atmospheric-Water-Budget-Related Phase Space and Dynamical Regimes. <i>Journal of Climate</i> , 2016, 29, 7127-7143.	3.2	10
12	ENSO regulation of far- and mid-infrared contributions to clear-sky OLR. <i>Geophysical Research Letters</i> , 2016, 43, 8751-8759.	4.0	2
13	Validation of MODIS cloud mask and multilayer flag using CloudSat-CALIPSO cloud profiles and a cross-reference of their cloud classifications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,620.	3.3	52
14	Extreme Convection and Tropical Climate Variability: Scaling of Cold Brightness Temperatures to Sea Surface Temperature. <i>Journal of Climate</i> , 2016, 29, 3893-3905.	3.2	8
15	Observation-Based Longwave Cloud Radiative Kernels Derived from the A-Train. <i>Journal of Climate</i> , 2016, 29, 2023-2040.	3.2	28
16	Increasing Daily Precipitation Intensity Associated with Warmer Air Temperatures over Northern Eurasia. <i>Journal of Climate</i> , 2016, 29, 623-636.	3.2	29
17	Increasing atmospheric water vapor and higher daily precipitation intensity over northern Eurasia. <i>Geophysical Research Letters</i> , 2015, 42, 9404-9410.	4.0	36
18	Cloud regime evolution in the Indian monsoon intraseasonal oscillation: Connection to large-scale dynamical conditions and the atmospheric water budget. <i>Geophysical Research Letters</i> , 2015, 42, 9465-9472.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Cloud-induced uncertainties in AIRS and ECMWF temperature and specific humidity. Journal of Geophysical Research D: Atmospheres, 2015, 120, 1880-1901.	3.3	39
20	Classification of atmospheric river events on the U.S. West Coast using a trajectory model. Journal of Geophysical Research D: Atmospheres, 2015, 120, 3007-3028.	3.3	38
21	Validation of AIRS version 6 temperature profiles and surface-based inversions over Antarctica using Concordiasi dropsonde data. Journal of Geophysical Research D: Atmospheres, 2015, 120, 992-1007.	3.3	27
22	The Pacific Subtropical Cloud Transition: A MAGIC Assessment of AIRS and ECMWF Thermodynamic Structure. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1586-1590.	3.1	16
23	Local Balance and Variability of Atmospheric Heat Budget over Oceans: Observation and Reanalysis-Based Estimates. Journal of Climate, 2014, 27, 893-913.	3.2	4
24	On the net surface water exchange rate estimated from remote-sensing observation and reanalysis. International Journal of Remote Sensing, 2014, 35, 2170-2185.	2.9	10
25	Impact of increased water vapor on precipitation efficiency over northern Eurasia. Geophysical Research Letters, 2014, 41, 2941-2947.	4.0	63
26	Tropical Atlantic dust and smoke aerosol variations related to the Madden-Julian Oscillation in MODIS and MISR observations. Journal of Geophysical Research D: Atmospheres, 2013, 118, 4947-4963.	3.3	30
27	Cloud-State-Dependent Sampling in AIRS Observations Based on CloudSat Cloud Classification. Journal of Climate, 2013, 26, 8357-8377.	3.2	35
28	On the quantification of oceanic rainfall using spaceborne sensors. Journal of Geophysical Research, 2012, 117, .	3.3	89
29	Closing the Global Water Vapor Budget with AIRS Water Vapor, MERRA Reanalysis, TRMM and GPCP Precipitation, and GSSTF Surface Evaporation. Journal of Climate, 2011, 24, 6307-6321.	3.2	30
30	The Apparent Water Vapor Sinks and Heat Sources Associated with the Intraseasonal Oscillation of the Indian Summer Monsoon. Journal of Climate, 2011, 24, 4466-4479.	3.2	28
31	Maintenance of Lower Tropospheric Temperature Inversion in the Saharan Air Layer by Dust and Dry Anomaly. Journal of Climate, 2009, 22, 5149-5162.	3.2	54
32	Interannual Variability of the Antarctic Ozone Hole in a GCM. Part I: The Influence of Tropospheric Wave Variability. Journals of the Atmospheric Sciences, 1997, 54, 2308-2319.	1.7	41