Chun-Hua Shi

List of Publications by Year
in descending order

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22	196	1307594 7	1125743 13
papers	citations	h-index	g-index

24	24	24	191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observational Subseasonal Variability of the PM2.5 Concentration in the Beijing-Tianjin-Hebei Area during the January 2021 Sudden Stratospheric Warming. Advances in Atmospheric Sciences, 2022, 39, 1623-1636.	4.3	11
2	Role of the Moist and Dry Components of Moist Isentropic Mass Circulation in Changing the Extratropical Surface Temperature in Winter. Geophysical Research Letters, 2021, 48, e2020GL091587.	4.0	2
3	Attribution of the Principal Components of the Summertime Ozone Valley in the Upper Troposphere and Lower Stratosphere. Frontiers in Earth Science, 2021, 8, .	1.8	5
4	Calculation of the Vertical Velocity in the Asian Summer Monsoon Anticyclone Region Using the Thermodynamic Method With in situ and Satellite Data. Frontiers in Earth Science, 2020, 8, .	1.8	1
5	Combined Impact of El NiÃ±oâ€“Southern Oscillation and Pacific Decadal Oscillation on the Northern Winter Stratosphere. Atmosphere, 2019, 10, 211.	2.3	19
6	Sub-seasonal prediction skill for the stratospheric meridional mass circulation variability in CFSv2. Climate Dynamics, 2019, 53, 631-650.	3.8	8
7	Statistical Analysis of the Spatiotemporal Distribution of Ozone Induced by Cut-Off Lows in the Upper Troposphere and Lower Stratosphere over Northeast Asia. Atmosphere, 2019, 10, 696.	2.3	3
8	Interdecadal Variations of the Midlatitude Ozone Valleys in Summer. Atmosphere, 2019, 10, 677.	2.3	5
9	Evaluating the Brewerâ€“Dobson circulation and its responses to ENSO, QBO, and the solar cycle in different reanalyses. Earth and Planetary Physics, 2019, 3, 1-16.	1.1	17
10	Comparison of trends and abrupt changes of the South Asia high from 1979 to 2014 in reanalysis and radiosonde datasets. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 170, 48-54.	1.6	5
11	Strong downdrafts preceding rapid tropopause ascent and their potential to identify cross-tropopause stratospheric intrusions. Annales Geophysicae, 2018, 36, 1403-1417.	1.6	5
12	Exploring the relationship between the cloud-top and tropopause height in boreal summer over the Tibetan Plateau and its adjacent region. Atmospheric and Oceanic Science Letters, 2018, 11, 173-179.	1.3	3
13	Modulating Effects of Planetary Wave 3 on a Stratospheric Sudden Warming Event in 2005. Journals of the Atmospheric Sciences, 2017, 74, 1549-1559.	1.7	26
14	North Pacific SST Forcing on the Central United States â€œWarming Holeâ€•as Simulated in CMIP5 Coupled Historical and Uncoupled AMIP Experiments. Atmosphere - Ocean, 2017, 55, 57-77.	1.6	7
15	Comparison of the seasonal evolution of the South Asian high associated with two types of El NiÃ±o event. Atmospheric and Oceanic Science Letters, 2017, 10, 183-190.	1.3	4
16	Evaluation of the trend uncertainty in summer ozone valley over the Tibetan Plateau in three reanalysis datasets. Journal of Meteorological Research, 2017, 31, 431-437.	2.4	14
17	Comparison of Electrochemical Concentration Cell Ozonesonde and Microwave Limb Sounder Satellite Remote Sensing Ozone Profiles for the Center of the South Asian High. Remote Sensing, 2017, 9, 1012.	4.0	12
18	The Role of Rossby-Wave Propagation in a North American Extreme Cold Event. Advances in Meteorology, 2017, 2017, 1-10.	1.6	6

#	Article	IF	Citations
19	Intercomparing the Response of Tropospheric and Stratospheric Temperature to Two Types of El NiÃ±o Onset. Advances in Meteorology, 2017, 2017, 1-8.	1.6	5
20	Composition and Thermal Structure of the Upper Troposphere and Lower Stratosphere in a Penetrating Mesoscale Convective Complex Determined by Satellite Observations and Model Simulations. Advances in Meteorology, 2017, 2017, 1-9.	1.6	8
21	Investigation on the Tendencies of the Landâ€“Ocean Warming Contrast in the Recent Decades. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1522-1526.	3.1	1
22	Double core of ozone valley over the Tibetan Plateau and its possible mechanisms. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 130-131, 127-131.	1.6	29