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	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
2	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
3	Combined Impact of El NiÃ±oâ€“Southern Oscillation and Pacific Decadal Oscillation on the Northern Winter Stratosphere. Atmosphere, 2019, 10, 211.	2.3	19
4	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
5	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
6	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
7	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
8	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
9	Sub-seasonal prediction skill for the stratospheric meridional mass circulation variability in CFSv2. Climate Dynamics, 2019, 53, 631-650.	3.8	8
10	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
11	The Role of Rossby-Wave Propagation in a North American Extreme Cold Event. Advances in Meteorology, 2017, 2017, 1-10.	1.6	6
12	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
13	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
14	Strong downdrafts preceding rapid tropopause ascent and their potential to identify cross-tropopause stratospheric intrusions. Annales Geophysicae, 2018, 36, 1403-1417.	1.6	5
15	Interdecadal Variations of the Midlatitude Ozone Valleys in Summer. Atmosphere, 2019, 10, 677.	2.3	5
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	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
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	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