

Hongchun Jin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

633
citations

687363

13
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794594

19
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22
all docs

22
docs citations

22
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	A global survey of cloud overlap based on CALIPSO and CloudSat measurements. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 519-536.	4.9	132
2	Short-cut transport path for Asian dust directly to the Arctic: a case study. <i>Environmental Research Letters</i> , 2015, 10, 114018.	5.2	77
3	Comparisons of PBL heights derived from CALIPSO and ECMWF reanalysis data over China. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 153, 102-112.	2.3	56
4	Observations and model simulations of snow albedo reduction in seasonal snow due to insoluble light-absorbing particles during 2014 Chinese survey. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2279-2296.	4.9	49
5	The Effects of Monomer Size Distribution on the Radiative Properties of Black Carbon Aggregates. <i>Aerosol Science and Technology</i> , 2015, 49, 928-940.	3.1	42
6	Impact of Arctic amplification on declining spring dust events in East Asia. <i>Climate Dynamics</i> , 2020, 54, 1913-1935.	3.8	39
7	Measurement of scattering and absorption properties of dust aerosol in a Gobi farmland region of northwestern China – a potential anthropogenic influence. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7775-7792.	4.9	36
8	Evaluation of AIRS Cloud-Thermodynamic-Phase Determination with CALIPSO. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 1012-1027.	1.5	32
9	Dust aerosol effects on cirrus and altocumulus clouds in Northwest China. <i>Journal of Meteorological Research</i> , 2015, 29, 793-805.	2.4	32
10	Properties of black carbon and other insoluble light-absorbing particles in seasonal snow of northwestern China. <i>Cryosphere</i> , 2017, 11, 1213-1233.	3.9	28
11	Contributions of radiative factors to enhanced dryland warming over East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7723-7736.	3.3	20
12	Real-Time Observations of Dust–Cloud Interactions Based on Polarization and Raman Lidar Measurements. <i>Remote Sensing</i> , 2018, 10, 1017.	4.0	20
13	Quantifying the light absorption and source attribution of insoluble light-absorbing particles on Tibetan Plateau glaciers between 2013 and 2015. <i>Cryosphere</i> , 2019, 13, 309-324.	3.9	16
14	A new approach to retrieve cloud base height of marine boundary layer clouds. <i>Geophysical Research Letters</i> , 2013, 40, 4448-4453.	4.0	12
15	Dust aerosol impact on the retrieval of cloud top height from satellite observations of CALIPSO, CloudSat and MODIS. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 188, 132-141.	2.3	11
16	Different roles of dynamic and thermodynamic effects in enhanced semi-arid warming. <i>International Journal of Climatology</i> , 2018, 38, 13-22.	3.5	11
17	Modulation of Soil Initial State on WRF Model Performance Over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,278.	3.3	8
18	Impacts of Asian dust on the determination of cloud thermodynamic phase from satellite observations. <i>Environmental Research Letters</i> , 2015, 10, 034006.	5.2	7

#	ARTICLE	IF	CITATIONS
19	Seasonal variation of aerosol vertical distributions in the middle and lower troposphere in Beijing and surrounding area during haze periods based on CALIPSO observation. Proceedings of SPIE, 2014, , .	0.8	2