

Zhou Libo

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,058
citations

643344

15
h-index

466096

32
g-index

41
all docs

41
docs citations

41
times ranked

1521
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Evaluation of thermal roughness schemes in surface heat transfer simulations over grassland in Southeast Tibet. <i>Atmospheric Research</i> , 2022, 270, 106055. | 1.8 | 5 |
| 2 | The Observed Impact of the South Asian Summer Monsoon on Land-Atmosphere Heat Transfers and Its Inhomogeneity over the Tibetan Plateau. <i>Remote Sensing</i> , 2022, 14, 3236. | 1.8 | 3 |
| 3 | Surface heat transfer changes over Arctic land and sea connected to Arctic warming. <i>International Journal of Climatology</i> , 2022, 42, 9150-9165. | 1.5 | 1 |
| 4 | Historical Changes and Future Projections of Extreme Temperature and Precipitation along the Sichuan-Tibet Railway. <i>Journal of Meteorological Research</i> , 2021, 35, 402-415. | 0.9 | 8 |
| 5 | Atmospheric Structure Observed over the Antarctic Plateau and Its Response to a Prominent Blocking High Event. <i>Journal of Meteorological Research</i> , 2021, 35, 1091-1103. | 0.9 | 0 |
| 6 | Evaluation of WRF land surface schemes in land-atmosphere exchange simulations over grassland in Southeast Tibet. <i>Atmospheric Research</i> , 2020, 234, 104739. | 1.8 | 9 |
| 7 | Desert Environment and Climate Observation Network over the Taklimakan Desert. <i>Bulletin of the American Meteorological Society</i> , 2020, 102, E1172-E1191. | 1.7 | 18 |
| 8 | Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10248-10263. | 1.2 | 56 |
| 9 | Mixing layer transport flux of particulate matter in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 9531-9540. | 1.9 | 29 |
| 10 | Temporal characteristics and vertical distribution of atmospheric ammonia and ammonium in winter in Beijing. <i>Science of the Total Environment</i> , 2019, 681, 226-234. | 3.9 | 29 |
| 11 | Vertically resolved characteristics of air pollution during two severe winter haze episodes in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2495-2509. | 1.9 | 69 |
| 12 | Observed heterogeneity in the local atmosphere and land-air heat exchange across complex terrain in the Tibetan mountains. <i>Arctic, Antarctic, and Alpine Research</i> , 2018, 50, . | 0.4 | 0 |
| 13 | Vertical Characterization of Aerosol Particle Composition in Beijing, China: Insights From 3-Month Measurements With Two Aerosol Mass Spectrometers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13016. | 1.2 | 16 |
| 14 | Characteristics of Land-Air Exchange Parameters over Grassland in Southeast Tibet. <i>Journal of Hydrometeorology</i> , 2017, 18, 2249-2264. | 0.7 | 3 |
| 15 | The Relationship between Polar Vortex and Ozone Depletion in the Antarctic Stratosphere during the Period 1979-2016. <i>Advances in Meteorology</i> , 2017, 2017, 1-12. | 0.6 | 19 |
| 16 | Vertical structures of atmospheric properties in Southeast Tibet during the South Asian summer monsoon in 2013. <i>Journal of Meteorological Research</i> , 2016, 30, 258-264. | 0.9 | 4 |
| 17 | “APEC Blue”: Secondary Aerosol Reductions from Emission Controls in Beijing. <i>Scientific Reports</i> , 2016, 6, 20668. | 1.6 | 155 |
| 18 | Rapid formation and evolution of an extreme haze episode in Northern China during winter 2015. <i>Scientific Reports</i> , 2016, 6, 27151. | 1.6 | 162 |

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|----|--|-----|-----------|
| 19 | The observed impacts of South Asian summer monsoon on the local atmosphere and the near-surface turbulent heat exchange over the Southeast Tibet. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,509. | 1.2 | 14 |
| 20 | Characteristics and sources of submicron aerosols above the urban canopy (260 m) in Beijing, China, during the 2014 APEC summit. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 12879-12895. | 1.9 | 100 |
| 21 | Aerosol composition, oxidation properties, and sources in Beijing: results from the 2014 Asia-Pacific Economic Cooperation summit study. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13681-13698. | 1.9 | 117 |
| 22 | Continuous ozone depletion over Antarctica after 2000 and its relationship with the polar vortex. <i>Journal of Meteorological Research</i> , 2014, 28, 162-171. | 1.0 | 1 |
| 23 | Validation and application of reanalysis temperature data over the Tibetan Plateau. <i>Journal of Meteorological Research</i> , 2014, 28, 139-149. | 1.0 | 15 |
| 24 | The Tibetan ozone low and its long-term variation during 1979-2010. <i>Journal of Meteorological Research</i> , 2013, 27, 75-86. | 1.0 | 13 |
| 25 | The role of snow/ice cover in the formation of a local Himalayan circulation. <i>Meteorology and Atmospheric Physics</i> , 2013, 120, 45-51. | 0.9 | 5 |
| 26 | Atmospheric moisture distribution and transport over the Tibetan Plateau and the impacts of the South Asian summer monsoon. <i>Journal of Meteorological Research</i> , 2013, 27, 819-831. | 1.0 | 19 |
| 27 | Observed impact of the South Asian summer monsoon on the local meteorology in the Himalayas. <i>Journal of Meteorological Research</i> , 2012, 26, 205-215. | 1.0 | 13 |
| 28 | The local atmosphere and the turbulent heat transfer in the Eastern Himalayas. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 435-440. | 1.9 | 6 |
| 29 | Vertical air mass exchange driven by the local circulation on the northern slope of Mount Everest. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 217-222. | 1.9 | 6 |
| 30 | Ozone and temperature response of a chemistry climate model to the solar cycle and sea surface temperature. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 11 |
| 31 | Measured turbulent heat transfer on the northern slope of Mt. Everest and its relation to the south Asian summer monsoon. <i>Geophysical Research Letters</i> , 2009, 36, . | 1.5 | 14 |
| 32 | Local wind system in the Rongbuk Valley on the northern slope of Mt. Everest. <i>Geophysical Research Letters</i> , 2008, 35, . | 1.5 | 35 |
| 33 | Study on impact of the South Asian summer monsoon on the down-valley wind on the northern slope of Mt. Everest. <i>Geophysical Research Letters</i> , 2008, 35, . | 1.5 | 20 |
| 34 | Downward transport of ozone-rich air near Mt. Everest. <i>Geophysical Research Letters</i> , 2006, 33, . | 1.5 | 43 |
| 35 | Middle-high latitude N ₂ O distributions related to the Arctic vortex breakup. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 215-223. | 1.9 | 1 |
| 36 | Total ozone variation between 50° and 60°N. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 9 |

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|----|---|-----|-----------|
| 37 | An observational study on the vertical distribution and synoptic variation of ozone in the arctic. Advances in Atmospheric Sciences, 2002, 19, 855-862. | 1.9 | 2 |
| 38 | ENSO signal in total ozone over Tibet. Advances in Atmospheric Sciences, 2001, 18, 231-238. | 1.9 | 15 |
| 39 | The Scandinavia ozone loss and surface heating. Advances in Atmospheric Sciences, 2001, 18, 454-466. | 1.9 | 1 |
| 40 | QBO Signal in total ozone over Tibet. Advances in Atmospheric Sciences, 2000, 17, 562-568. | 1.9 | 12 |
| 41 | Atmospheric energy change in the Arctic troposphere under Arctic warming. International Journal of Climatology, 0, , . | 1.5 | 0 |