

Timothy Logan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

425
citations

840776

11
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

681
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Environmental effects on aerosol-cloud interaction in non-precipitating marine boundary layer (MBL) clouds over the eastern North Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 335-354. | 4.9 | 11 |
| 2 | New WMO Certified Megaflash Lightning Extremes for Flash Distance and Duration Recorded from Space. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, 257-261. | 3.3 | 7 |
| 3 | An Analysis of the Performance of the Houston Lightning Mapping Array During an Intense Period of Convection During Tropical Storm Harvey. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033270. | 3.3 | 0 |
| 4 | Determinant Role of Aerosols From Industrial Sources in Hurricane Harvey's Catastrophe. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090014. | 4.0 | 7 |
| 5 | Investigation of aerosol-cloud interactions under different absorptive aerosol regimes using Atmospheric Radiation Measurement (ARM) southern Great Plains (SGP) ground-based measurements. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3483-3501. | 4.9 | 18 |
| 6 | Quantifying Long-Term Seasonal and Regional Impacts of North American Fire Activity on Continental Boundary Layer Aerosols and Cloud Condensation Nuclei. <i>Earth and Space Science</i> , 2020, 7, e2020EA001113. | 2.6 | 1 |
| 7 | Impacts of long-range transport of aerosols on marine-boundary-layer clouds in the eastern North Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14741-14755. | 4.9 | 21 |
| 8 | Wildfire Impact on Environmental Thermodynamics and Severe Convective Storms. <i>Geophysical Research Letters</i> , 2019, 46, 10082-10093. | 4.0 | 20 |
| 9 | Laboratory measurements of light scattering properties of kaolinite dust at 532 nm. <i>Aerosol Science and Technology</i> , 2018, 52, 666-678. | 3.1 | 4 |
| 10 | Anomalous Lightning Behavior During the 26-27 August 2007 Northern Great Plains Severe Weather Event. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1771-1784. | 3.3 | 9 |
| 11 | Aerosol properties and their impacts on surface CCN at the ARM Southern Great Plains site during the 2011 Midlatitude Continental Convective Clouds Experiment. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 224-233. | 4.3 | 14 |
| 12 | Examining Intrinsic Aerosol-Cloud Interactions in South Asia Through Multiple Satellite Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 11,210. | 3.3 | 15 |
| 13 | Impacts of Saharan Dust on Atlantic Regional Climate and Implications for Tropical Cyclones. <i>Journal of Climate</i> , 2018, 31, 7621-7644. | 3.2 | 30 |
| 14 | 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 |
| 15 | Aerosol vertical distribution and optical properties over China from long-term satellite and ground-based remote sensing. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2509-2523. | 4.9 | 105 |
| 16 | Aerosol properties and their influences on marine boundary layer cloud condensation nuclei at the ARM mobile facility over the Azores. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4859-4872. | 3.3 | 43 |
| 17 | Linear segmentation algorithm for detecting layer boundary with lidar. <i>Optics Express</i> , 2013, 21, 26876. | 3.4 | 18 |
| 18 | Classification and investigation of Asian aerosol absorptive properties. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 2253-2265. | 4.9 | 56 |

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|----|---|-----|-----------|
| 19 | A Comparison of the Mineral Dust Absorptive Properties between Two Asian Dust Events. Atmosphere, 2013, 4, 1-16. | 2.3 | 8 |
| 20 | A study of Asian dust plumes using satellite, surface, and aircraft measurements during the INTEX field experiment. Journal of Geophysical Research, 2010, 115, . | 3.3 | 27 |