Timothy Logan

List of Publications by Year
in descending order

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	Aerosol vertical distribution and optical properties over China from long-term satellite and ground-based remote sensing. Atmospheric Chemistry and Physics, 2017, 17, 2509-2523.	4.9	105
2	Classification and investigation of Asian aerosol absorptive properties. Atmospheric Chemistry and Physics, 2013, 13, 2253-2265.	4.9	56
3	Aerosol properties and their influences on marine boundary layer cloud condensation nuclei at the ARM mobile facility over the Azores. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4859-4872.	3.3	43
4	Impacts of Saharan Dust on Atlantic Regional Climate and Implications for Tropical Cyclones. Journal of Climate, 2018, 31, 7621-7644.	3.2	30
5	A study of Asian dust plumes using satellite, surface, and aircraft measurements during the INTEXâ€B field experiment. Journal of Geophysical Research, 2010, 115, .	3.3	27
6	Impacts of long-range transport of aerosols on marine-boundary-layer clouds in the eastern North Atlantic. Atmospheric Chemistry and Physics, 2020, 20, 14741-14755.	4.9	21
7	Wildfire Impact on Environmental Thermodynamics and Severe Convective Storms. Geophysical Research Letters, 2019, 46, 10082-10093.	4.0	20
8	Linear segmentation algorithm for detecting layer boundary with lidar. Optics Express, 2013, 21, 26876.	3.4	18
9	Investigation of aerosolâ€“cloud interactions under different absorptive aerosol regimes using Atmospheric Radiation Measurement (ARM) southern Great Plains (SGP) ground-based measurements. Atmospheric Chemistry and Physics, 2020, 20, 3483-3501.	4.9	18
10	Examining Intrinsic Aerosolâ€Cloud Interactions in South Asia Through Multiple Satellite Observations. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,210.	3.3	15
11	Aerosol properties and their impacts on surface CCN at the ARM Southern Great Plains site during the 2011 Midlatitude Continental Convective Clouds Experiment. Advances in Atmospheric Sciences, 2018, 35, 224-233.	4.3	14
12	Dust aerosol impact on the retrieval of cloud top height from satellite observations of CALIPSO, CloudSat and MODIS. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 188, 132-141.	2.3	11
13	Environmental effects on aerosolâ€“cloud interaction in non-precipitating marine boundary layer (MBL) clouds over the eastern North Atlantic. Atmospheric Chemistry and Physics, 2022, 22, 335-354.	4.9	11
14	Anomalous Lightning Behavior During the 26â€“27 August 2007 Northern Great Plains Severe Weather Event. Journal of Geophysical Research D: Atmospheres, 2018, 123, 1771-1784.	3.3	9
15	A Comparison of the Mineral Dust Absorptive Properties between Two Asian Dust Events. Atmosphere, 2013, 4, 1-16.	2.3	8
16	Determinant Role of Aerosols From Industrial Sources in Hurricane Harvey's Catastrophe. Geophysical Research Letters, 2020, 47, e2020GL090014.	4.0	7
17	New WMO Certified Megaflash Lightning Extremes for Flash Distance and Duration Recorded from Space. Bulletin of the American Meteorological Society, 2022, 103, 257-261.	3.3	7
18	Laboratory measurements of light scattering properties of kaolinite dust at 532Ânm. Aerosol Science and Technology, 2018, 52, 666-678.	3.1	4

#	Article	IF	Citations
19	Quantifying Longâ€Term Seasonal and Regional Impacts of North American Fire Activity on Continental Boundary Layer Aerosols and Cloud Condensation Nuclei. Earth and Space Science, 2020, 7, e2020EA001113.	2.6	1
20	An Analysis of the Performance of the Houston Lightning Mapping Array During an Intense Period of Convection During Tropical Storm Harvey. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033270.	3.3	0