Yongbo Tan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5327130/publications.pdf

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16	203	1163117	1058476
papers	citations	8	14
		h-index	g-index

16	16	16	161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Numerical study on relationship between lightning types and distribution of space charge and electric potential. Journal of Geophysical Research D: Atmospheres, 2014, 119, 1003-1014.	3.3	44
2	Fine-resolution simulation of the channel structures and propagation features of intracloud lightning. Geophysical Research Letters, 2006, 33, .	4.0	38
3	Fine-resolution simulation of cloud-to-ground lightning and thundercloud charge transfer. Atmospheric Research, 2009, 91, 360-370.	4.1	22
4	Influence of aerosols on lightning activities in central eastern parts of China. Atmospheric Science Letters, 2020, 21, e957.	1.9	18
5	Simulation of cloud-to-ground lightning strikes to structures based on an improved stochastic lightning model. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 203, 105274.	1.6	14
6	Numerical simulations of the bi-level and branched structure of intracloud lightning flashes. Science in China Series D: Earth Sciences, 2006, 49, 661-672.	0.9	12
7	Numerical simulation of the effect of lower positive charge region in thunderstorms on different types of lightning. Science China Earth Sciences, 2014, 57, 2125-2134.	5.2	11
8	The effect and correction of aerosol forward scattering on retrieval of aerosol optical depth from Sun photometer measurements. Geophysical Research Letters, 2012, 39, .	4.0	9
9	Improved lightning model: Application to discuss the characteristics of upward lightning. Atmospheric Research, 2019, 217, 63-72.	4.1	7
10	A parameterization scheme for upward lightning in the cloud model and a discussion of the initial favorable environmental characteristics in the cloud. Science China Earth Sciences, 2016, 59, 1440-1453.	5.2	6
11	A Numerical Study of Aerosol Effects on Electrification with Different Intensity Thunderclouds. Atmosphere, 2019, 10, 508.	2.3	5
12	Numerical Simulation to Evaluate the Effects of Upward Lightning Discharges on Thunderstorm Electrical Parameters. Advances in Atmospheric Sciences, 2021, 38, 446-459.	4.3	5
13	Numerical Simulation on the Effects of the Horizontal Charge Distribution on Lightning Types and Behaviors. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034375.	3.3	5
14	Cloud-to-Ground Lightning Response to Aerosol over Air-Polluted Urban Areas in China. Remote Sensing, 2021, 13, 2600.	4.0	4
15	Circuitous attachment process in altitude-triggered lightning striking a 30-m-high tower. Atmospheric Research, 2020, 244, 105049.	4.1	3
16	The effect of ice nucleation on thunderstorm charge structure. , 2014, , .		0