

# Yongbo Tan

## List of Publications by Year in descending order

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

Version: 2024-02-01

16  
papers

203  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

161  
citing authors

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