

Baoyou Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8614045/publications.pdf>

Version: 2024-02-01

21
papers

264
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of Blue Discharges Associated With Negative Narrow Bipolar Events in Active Deep Convection. <i>Geophysical Research Letters</i> , 2018, 45, 2842-2851.	4.0	34
2	Observations of narrow bipolar events in East China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 271-278.	1.6	29
3	Observations of compact intracloud lightning discharges in the northernmost region (51°N) of China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4458-4465.	3.3	22
4	Using time domain waveforms of return strokes to retrieve the daytime fluctuation of ionospheric D layer. <i>Chinese Science Bulletin</i> , 2015, 60, 654-663.	0.7	21
5	Optical emissions associated with narrow bipolar events from thunderstorm clouds penetrating into the stratosphere. <i>Nature Communications</i> , 2021, 12, 6631.	12.8	21
6	A review of atmospheric electricity research in China. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 169-191.	4.3	20
7	Blue Flashes as Counterparts to Narrow Bipolar Events: The Optical Signal of Shallow In-Cloud Discharges. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035013.	3.3	17
8	Simultaneous observations of electric field changes, wideband magnetic field pulses, and VHF emissions associated with K processes in lightning discharges. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2699-2710.	3.3	13
9	Locating Parent Lightning Strokes of Sprites Observed over a Mesoscale Convective System in Shandong Province, China. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1396-1414.	4.3	13
10	Estimation of channel characteristics of narrow bipolar events based on the transmission-line model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	12
11	On the Accuracy of Ray Theory Methods to Determine the Altitudes of Intracloud Electric Discharges and Ionospheric Reflections: Application to Narrow Bipolar Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032099.	3.3	12
12	Meteorological and Electrical Conditions of Two Mid-Latitude Thunderstorms Producing Blue Discharges. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033648.	3.3	12
13	Some properties of negative cloud-to-ground flashes from observations of a local thunderstorm based on accurate-stroke-count studies. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 136, 16-22.	1.6	9
14	Analysis of a Gigantic Jet in Southern China: Morphology, Meteorology, Storm Evolution, Lightning, and Narrow Bipolar Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031538.	3.3	9
15	Observations of narrow bipolar events during two thunderstorms in Northeast China. <i>Science China Earth Sciences</i> , 2013, 56, 1459-1470.	5.2	7
16	On the Terrestrial Gamma-Ray Flashes Preceding Narrow Bipolar Events. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092160.	4.0	7
17	Outbreak of Negative Narrow Bipolar Events in Two Mid-Latitude Thunderstorms Featuring Overshooting Tops. <i>Remote Sensing</i> , 2021, 13, 5130.	4.0	5
18	Observations of single-stroke flashes from five isolated small thunderstorms in East China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 211, 105441.	1.6	1

#	ARTICLE	IF	CITATIONS
19	A pocket discharge model for narrow bipolar events and possible applications. , 2010, , .		0
20	Analysis of negative narrow bipolar events associated with blue discharges in active deep convection. , 2018, , .		0
21	Characterizing Pulse Attenuation of Intra-Cloud and Cloud-to-Ground Lightning with E-Field Signal Measured at Multiple Stations. Remote Sensing, 2022, 14, 1672.	4.0	0