Tom A Warner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1719810/publications.pdf

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28	880	471509 17	713466 21
papers	citations	h-index	g-index

28	28	28	437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Johannesburg Lightning Research Laboratory. , 2021, , .		4
2	Metric collection on semantically segmented highspeed lightning footage with machine learning. , 2021, , .		0
3	Megaflashes: Just How Long Can a Lightning Discharge Get?. Bulletin of the American Meteorological Society, 2020, 101, E73-E86.	3.3	22
4	Measurements of Cloud Radiative Effect across the Southern Ocean (43Â° Sâ€“79Â° S, 63Â° Eâ€“158Â° W). Atmosphere, 2020, 11, 949.	2.3	5
5	Optical observation of needles in upward lightning flashes. Scientific Reports, 2020, 10, 17460.	3.3	16
6	On the Triggering Mechanisms of Upward Lightning. Scientific Reports, 2019, 9, 9576.	3.3	24
7	High-speed video observation of lightning flashes over Johannesburg, South Africa 2017 - 2018. , 2018, , .		7
8	Upward flashes triggering mechanisms. , 2017, , .		8
9	Observations of bidirectional lightning leader initiation and development near positive leader channels. Journal of Geophysical Research D: Atmospheres, 2016, 121, 9251-9260.	3.3	21
10	Upward lightning flashes characteristics from highâ€speed videos. Journal of Geophysical Research D: Atmospheres, 2016, 121, 8493-8505.	3.3	44
11	High-speed video and electric field observation of a negative upward leader connecting a downward positive leader in a positive cloud-to-ground flash. Electric Power Systems Research, 2015, 118, 89-92.	3.6	22
12	Triggered upward flashes: Analysis of positive cloud-to-ground waveforms. , 2014, , .		0
13	Detection of upward lightning by lightning location systems. , 2014, , .		2
14	High-speed video observations of natural cloud-to-ground lightning leaders â€“ A statistical analysis. Atmospheric Research, 2014, 135-136, 285-305.	4.1	77
15	Synoptic scale outbreak of selfâ€initiated upward lightning (SIUL) from tall structures during the central U.S. blizzard of 1â€“2 February 2011. Journal of Geophysical Research D: Atmospheres, 2014, 119, 9530-9548.	3.3	24
16	On the occurrence of recoil leaders in negative upward flashes in Brazil. , 2014, , .		1
17	Recoil leader formation and development. Journal of Electrostatics, 2013, 71, 763-768.	1.9	48
18	Locating initial breakdown pulses using electric field change network. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7129-7141.	3.3	76

#	Article	IF	Citations
19	Competing and cutoff leaders before â€œupward illuminationâ€â€type lightning ground strokes. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7182-7198.	3.3	14
20	UPLIGHTS: Upward Lightning Triggering Study. Bulletin of the American Meteorological Society, 2013, 94, 631-635.	3.3	22
21	Bipolar cloudâ€toâ€ground lightning flash observations. Journal of Geophysical Research D: Atmospheres, 2013, 118, 11,098.	3.3	29
22	Steppedâ€toâ€dart leaders preceding lightning return strokes. Journal of Geophysical Research D: Atmospheres, 2013, 118, 9845-9869.	3.3	16
23	Strokes of upward illumination occurring within a few milliseconds after typical lightning return strokes. Journal of Geophysical Research, 2012, 117, .	3.3	20
24	Upward lightning observations from towers in Rapid City, South Dakota and comparison with National Lightning Detection Network data, 2004â€“2010. Journal of Geophysical Research, 2012, 117, .	3.3	101
25	Observations of simultaneous upward lightning leaders from multiple tall structures. Atmospheric Research, 2012, 117, 45-54.	4.1	61
26	Spectral (600â€“1050 nm) time exposures (99.6Î¼s) of a lightning stepped leader. Journal of Geophysical Research, 2011, 116, .	3.3	33
27	Highâ€speed video observations of positive lightning flashes to ground. Journal of Geophysical Research, 2010, 115, .	3.3	88
28	Positive leader characteristics from highâ€speed video observations. Geophysical Research Letters, 2008, 35, .	4.0	95