

E Philip Krider

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,611
citations

471509

17
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	The electromagnetic radiation from a finite antenna. American Journal of Physics, 1975, 43, 33-38.	0.7	447
2	The fine structure of lightning return stroke wave forms. Journal of Geophysical Research, 1978, 83, 6239-6247.	3.3	192
3	National Lightning Detection Network (NLDN) performance in southern Arizona, Texas, and Oklahoma in 2003-2004. Journal of Geophysical Research, 2007, 112, .	3.3	185
4	A Review of Natural Lightning: Experimental Data and Modeling. IEEE Transactions on Electromagnetic Compatibility, 1982, EMC-24, 79-112.	2.2	99
5	Positive leader characteristics from high-speed video observations. Geophysical Research Letters, 2008, 35, .	4.0	95
6	The optical and radiation field signatures produced by lightning return strokes. Journal of Geophysical Research, 1982, 87, 8913-8922.	3.3	92
7	High-speed video observations of positive lightning flashes to ground. Journal of Geophysical Research, 2010, 115, .	3.3	88
8	Statistics and characteristics of cloud-to-ground lightning with multiple ground contacts. Journal of Geophysical Research, 2002, 107, AAC 8-1.	3.3	69
9	On the electromagnetic fields, Poynting vector, and peak power radiated by lightning return strokes. Journal of Geophysical Research, 1992, 97, 15913-15917.	3.3	55
10	Cloud-to-ground lightning and surface rainfall in warm-season Florida thunderstorms. Journal of Geophysical Research, 2006, 111, .	3.3	51
11	High-speed video observations of positive ground flashes produced by intracloud lightning. Geophysical Research Letters, 2009, 36, .	4.0	43
12	Broadband Antenna Systems for Lightning Magnetic Fields. Journal of Applied Meteorology, 1975, 14, 252-256.	1.1	41
13	The peak electromagnetic power radiated by lightning return strokes. Journal of Geophysical Research, 1983, 88, 8471-8474.	3.3	41
14	A Comparison of Lightning Electromagnetic Fields with the Nuclear Electromagnetic Pulse in the Frequency Range 104-107 Hz. IEEE Transactions on Electromagnetic Compatibility, 1982, EMC-24, 410-416.	2.2	27
15	Optical power and energy radiated by natural lightning. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1868-1879.	3.3	22
16	Small negative cloud-to-ground lightning reports at the NASA Kennedy Space Center and Air Force Eastern Range. Journal of Geophysical Research, 2009, 114, .	3.3	20
17	The optical power radiated by lightning return strokes. Journal of Geophysical Research, 1983, 88, 8621-8622.	3.3	18
18	Optical power and energy radiated by return strokes in rocket-triggered lightning. Journal of Geophysical Research D: Atmospheres, 2017, 122, 8816-8832.	3.3	13

#	ARTICLE	IF	CITATIONS
19	On i^2 stepped leaders in negative cloud-to-ground lightning. Journal of Geophysical Research D: Atmospheres, 2014, 119, 6749-6767.	3.3	6
20	Optical emission and peak electromagnetic power radiated by negative return strokes in rocket-triggered lightning. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 136, 80-85.	1.6	3
21	ON THE PEAK ELECTROMAGNETIC FIELDS RADIATED BY LIGHTNING RETURN STROKES TOWARD THE MIDDLE-ATMOSPHERE. Journal of Atmospheric Electricity, 1994, 14, 17-24.	0.3	2
22	Small negative strokes in cloud-to-ground lightning flashes. , 2010, , .		1