

Amirhossein Mostajabi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1266008/publications.pdf>

Version: 2024-02-01

18
papers

250
citations

1040056

9
h-index

1058476

14
g-index

23
all docs

23
docs citations

23
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Use of Benford's Law to Assess the Quality of the Data Provided by Lightning Locating Systems. Atmosphere, 2022, 13, 552.	2.3	3
2	Localization of Electromagnetic Interference Sources Using a Time-Reversal Cavity. IEEE Transactions on Industrial Electronics, 2021, 68, 654-662.	7.9	23
3	Laser lightning rod and artificial fog dissipation. , 2021, , .		0
4	Bidirectional Recoil Leaders in Upward Lightning Flashes Observed at the Säntis Tower. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035238.	3.3	2
5	The laser lightning rod project. EPJ Applied Physics, 2021, 93, 10504.	0.7	26
6	LMA observations of upward lightning flashes at the Säntis Tower initiated by nearby lightning activity. Electric Power Systems Research, 2020, 181, 106067.	3.6	9
7	Numerical and Experimental Validation of Electromagnetic Time Reversal for Geolocation of Lightning Strikes. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2156-2163.	2.2	15
8	Measurement and Modeling of Both Distant and Close Electric Fields of an M-component in Rocket-triggered Lightning. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032300.	3.3	8
9	Partial Discharge Localization Using Time Reversal: Application to Power Transformers. Sensors, 2020, 20, 1419.	3.8	35
10	Machine Learning-Based Lightning Localization Algorithm Using Lightning-Induced Voltages on Transmission Lines. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2512-2519.	2.2	10
11	Meteorological Aspects of Self-initiated Upward Lightning at the Säntis Tower (Switzerland). Journal of Geophysical Research D: Atmospheres, 2019, 124, 14162-14183.	3.3	13
12	Nowcasting lightning occurrence from commonly available meteorological parameters using machine learning techniques. Npj Climate and Atmospheric Science, 2019, 2, .	6.8	63
13	Analysis of the lightning production of convective cells. Atmospheric Measurement Techniques, 2019, 12, 5573-5591.	3.1	9
14	Polarimetric radar characteristics of lightning initiation and propagating channels. Atmospheric Measurement Techniques, 2019, 12, 2881-2911.	3.1	10
15	Analysis of a bipolar upward lightning flash based on simultaneous records of currents and 380-km distant electric fields. Electric Power Systems Research, 2019, 174, 105845.	3.6	6
16	Locating Lightning Using Electromagnetic Time Reversal: Application of the Minimum Entropy Criterion. , 2019, , .		8
17	On the Impact of Meteorological Conditions on the Initiation of Upward Lightning Flashes from Tall Structures. , 2018, , .		4
18	LMA observation of upward flashes at Säntis Tower: Preliminary results. , 2018, , .		3