

# Ian R Jandrell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7811978/publications.pdf>

Version: 2024-02-01

18  
papers

258  
citations

1478505

6  
h-index

1588992

8  
g-index

18  
all docs

18  
docs citations

18  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of aging and recovery of silicone rubber insulation for outdoor use. IEEE Transactions on Dielectrics and Electrical Insulation, 1999, 6, 620-631.	2.9	129
2	Does a Sixth Mechanism Exist to Explain Lightning Injuries?. American Journal of Forensic Medicine and Pathology, 2012, 33, 222-226.	0.8	30
3	Lightning myths in southern Africa. Natural Hazards, 2015, 77, 101-110.	3.4	22
4	Partial discharge spectral response to variations in the supply voltage frequency. IEEE Transactions on Dielectrics and Electrical Insulation, 2012, 19, 521-532.	2.9	18
5	Influence of supply voltage frequency and magnitude on PD pulse parameters. IEEE Transactions on Dielectrics and Electrical Insulation, 2008, 15, 1590-1600.	2.9	17
6	A simplified model of the lightning performance of a driven rod earth electrode in multi-layer soil that includes the effect of soil ionisation. , 2006, , .		9
7	Establishing a methodology to investigate LDN median error ellipses used as corroborating evidence for a lightning event at a specific geographic location. Electric Power Systems Research, 2014, 113, 104-114.	3.6	8
8	Probabilistic interpretation of LDN confidence ellipses with reference to forensic applications. , 2011, , .		5
9	Lightning risk analysis: Case study of endangered animals. , 2012, , .		5
10	The Johannesburg Lightning Research Laboratory. , 2021, , .		4
11	Lightning and witchcraft in southern Africa. , 2011, , .		2
12	The analysis of an incident investigation system. , 2016, , .		2
13	The Analysis of an Incident Investigation System. IEEE Transactions on Industry Applications, 2016, 52, 5235-5240.	4.9	2
14	Case History: Arc Flash Incident on a Locked Out (LO/TO) 3.3-kV-Fused Contactor. IEEE Transactions on Industry Applications, 2017, 53, 1583-1588.	4.9	2
15	Studentsâ€™ t-distribution modelling of LLS location errors. , 2018, , .		2
16	A statistical analysis of metal oxide varistor current under distorted supply voltage conditions. , 2014, , .		1
17	Lightning performance evaluation of quasi-hemispherical air terminations versus a Franklin rod. Electric Power Systems Research, 2012, 85, 90-94.	3.6	0
18	A method to measure the application of the incident investigation process for electrical incidents. , 2017, , .		0