

David Upton

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

126
citations

1478505

6
h-index

1872680

6
g-index

11
all docs

11
docs citations

11
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving RF-Based Partial Discharge Localization via Machine Learning Ensemble Method. IEEE Transactions on Power Delivery, 2019, 34, 1478-1489.	4.3	35
2	Radiometric Wireless Sensor Network Monitoring of Partial Discharge Sources in Electrical Substations. International Journal of Distributed Sensor Networks, 2015, 11, 438302.	2.2	31
3	Wireless Sensor Network for Radiometric Detection and Assessment of Partial Discharge in High Voltage Equipment. Radio Science, 2018, 53, 357-364.	1.6	15
4	Wireless sensor network for radiometric detection and assessment of partial discharge in HV equipment. , 2017, , .		12
5	A Review of Techniques for RSS-Based Radiometric Partial Discharge Localization. Sensors, 2021, 21, 909.	3.8	8
6	Gated Pipelined Folding ADC-Based Low Power Sensor for Large-Scale Radiometric Partial Discharge Monitoring. IEEE Sensors Journal, 2020, 20, 7826-7836.	4.7	7
7	Partial discharge detection in smart grid using software defined radio. , 2017, , .		6
8	Low Power High-Speed Folding ADC Based Partial Discharge Sensor for Wireless Fault Detection in Substations. , 2018, , .		6
9	Low power radiometric partial discharge sensor using composite transistor-reset integrator. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 984-992.	2.9	6
10	Assessment of Effective Radiated Power of the Partial Discharge Emulator Source. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 108-115.	0.3	0
11	Low power embedded processing of scintillation events with silicon photo multipliers. , 2017, , .		0