

Maciej Kuniewski

List of Publications by Year in descending order

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28
papers

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1040056

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15
g-index

28
all docs

28
docs citations

28
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping of discharge channels in void creating effective partial discharge area. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 2220-2228.	2.9	29
2	Controlled Voltage Breakdown in Disconnecter Contact System for VFTO Mitigation in Gas-Insulated Switchgear (GIS). IEEE Transactions on Power Delivery, 2017, 32, 2360-2366.	4.3	21
3	Comparison of transformer winding responses to standard lightning impulses and operational overvoltages. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 965-974.	2.9	21
4	Determination of Breakdown Voltage Characteristics of 1'100 kV Disconnecter for Modeling of VFTO in Gas-Insulated Switchgear. IEEE Transactions on Power Delivery, 2016, 31, 2151-2158.	4.3	20
5	Propagation of overvoltages in distribution transformers with silicon steel and amorphous cores. IET Generation, Transmission and Distribution, 2015, 9, 2736-2742.	2.5	19
6	Partial Discharges in HVDC Insulation with Superimposed AC Harmonics. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 1906-1914.	2.9	16
7	Propagation of overvoltages transferred through distribution transformers in electric networks. IET Generation, Transmission and Distribution, 2016, 10, 2531-2537.	2.5	15
8	Surface discharge imaging in presence of deposited space charges in non-uniform DC electric field. High Voltage, 2021, 6, 576-589.	4.7	15
9	Partial Discharge Imaging Correlated with Phase-Resolved Patterns in Non-Uniform Electric Fields with Various Dielectric Barrier Materials. Energies, 2020, 13, 2676.	3.1	13
10	Propagation of Overvoltages in the Form of Impulse, Chopped and Oscillating Waveforms in Transformer Windings – Time and Frequency Domain Approach. Energies, 2020, 13, 304.	3.1	9
11	Overvoltage Impact on Internal Insulation Systems of Transformers in Electrical Networks with Vacuum Circuit Breakers. Energies, 2020, 13, 6380.	3.1	7
12	Analysis of Internal Overvoltages in Transformer Windings during Transients in Electrical Networks. Energies, 2020, 13, 2644.	3.1	5
13	Measurements and Analysis of Partial Discharges at HVDC Voltage with AC Components. Energies, 2022, 15, 2510.	3.1	5
14	Mapping of discharge clusters in void based on surface resistivity. , 2018, , .		4
15	Lightning Impulse Overvoltage Propagation in HVDC Meshed Grid. Energies, 2021, 14, 3047.	3.1	4
16	FRA Diagnostics Measurement of Winding Deformation in Model Single-Phase Transformers Made with Silicon-Steel, Amorphous and Nanocrystalline Magnetic Cores. Energies, 2020, 13, 2424.	3.1	3
17	Investigations of transformer winding responses to standard full and chopped lightning impulses. , 2018, , .		2
18	Propagacja przepięć i napięć cieniowych w uzwojeniach transformatorów. Przegląd Elektrotechniczny, 2018, 1, 63-66.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Propagation of Lightning, Oscillating and Non-standard Impulse Waveforms in Transformer Windings. Lecture Notes in Electrical Engineering, 2020, , 1254-1264.	0.4	2
20	Simulation of overvoltages transferred through transformers in EMTP-ATP software. , 2017, , .		1
21	Investigation of overvoltages in distribution transformers. , 2017, , .		1
22	Analysis of the Applicability of Various Excitation Signals for FRA Diagnostics of Transformers. , 2018, , .		1
23	The Influence of DSP Parameters on the Evaluated Transfer Function of Transformer Winding for Pseudo-White Noise Excitation. , 2018, , .		1
24	Time-Frequency Analysis of Excitation Signals Used to Determine the Transfer Function of the Power Transformers Windings. , 2019, , .		1
25	Comparison of Effective Discharge Area in Voids in Different Insulating Materials Based on Surface Resistance. Lecture Notes in Electrical Engineering, 2020, , 22-31.	0.4	1
26	Propagation of high frequency overvoltages in transformers. , 2014, , .		0
27	Analysis of the Applicability of Various Excitation Signals for FRA Diagnostics of Transformers. , 2018, , .		0
28	Zastosowanie bardzo szybkiej kamery UV dla obserwacji rozwoju wyładowań elektrycznych w układzie elektrod ostrze-płaskość. Przegląd Elektrotechniczny, 2018, 1, 150-153.	0.2	0