

Geye Lu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Effect and Compensation of Phase Angle Deviation Along the Winding for the Online Stator Insulation Condition Monitoring. IEEE Transactions on Industrial Electronics, 2022, 69, 8440-8451.	7.9	4
2	An Advanced Wideband Model and a Novel Multitype Insulation Monitoring Strategy for VSC-Connected Transformers Based on Common-Mode Impedance Response. IEEE Transactions on Industrial Electronics, 2022, 69, 879-889.	7.9	3
3	Effects of Converter Harmonic Voltages on Transformer Insulation Ageing and an Online Monitoring Method for Interlayer Insulation. IEEE Transactions on Power Electronics, 2022, 37, 3504-3514.	7.9	9
4	A Novel Online Monitoring Strategy for the Localized Grounding Insulation Defect of Converter Transformers Based on Converter Switching States Control. IEEE Transactions on Power Electronics, 2022, 37, 11124-11134.	7.9	5
5	An Improved Online Stator Insulation Monitoring Method Based on Common-Mode Impedance Spectrum Considering the Effect of Aging Position. IEEE Transactions on Industry Applications, 2022, 58, 3558-3566.	4.9	9
6	A High-Sensitivity Online Junction Temperature Monitoring Method for SiC mosfets Based on the Turn-on Drain-Source Current Overshoot. IEEE Transactions on Power Electronics, 2022, 37, 15505-15516.	7.9	7
7	A Novel Leakage-Current-Based Online Insulation Monitoring Strategy for Converter Transformers Using Common-Mode and Differential-Mode Harmonics in VSC System. IEEE Transactions on Industrial Electronics, 2021, 68, 1636-1645.	7.9	21
8	A Noninvasive Interturn Insulation Condition Monitoring Method Based on the Common-Mode Impedance Spectrum of Inverter-Fed Machines. IEEE Transactions on Industry Applications, 2021, 57, 4786-4795.	4.9	8
9	The Online Stator Winding Insulation Monitoring for PMSG-PWM rectifier System under Various Working Conditions. , 2021, , .		3
10	On-line Method for High-sensitivity Leakage Current Measurement of Converter-connected Transformers in Microgrids. , 2021, , .		0
11	Analytical Analysis and Design of an Advanced Differential-Mode Current Sensor for Insulation Monitoring for Industrial Electrical Assets. IEEE Access, 2020, 8, 151360-151370.	4.2	7
12	A Novel Insulation Monitoring Technique for Converter Transformers using Common-Mode Characteristic Harmonics of VSCs. , 2019, , .		2
13	A Novel Monitoring Technique Using Common-mode Voltages for the Transformer Energized by VSCs.. , 2019, , .		1
14	Adaptive algorithm for identifying OLTC position and its application on UHV voltage-regulating transformer differential protection. International Transactions on Electrical Energy Systems, 2018, 28, e2518.	1.9	3