

Jingang Wang

List of Publications by Year in descending order

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15
papers

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#	ARTICLE	IF	CITATIONS
1	Method and Experimental Study of Voltage Measurement Based on Electric Field Integral With Gaussâ€Legendre Algorithm. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2771-2778.	4.7	29
2	Optimal Distribution of Redundant Sensor Nodes for Wireless Sensor Networks. , 2006, , .		9
3	Research on transmission line voltage measurement method based on Gaussâ€Kronrod integral algorithm. Measurement Science and Technology, 2020, 31, 085103.	2.6	9
4	An Improved Partial Discharge Detection System Based on UV Pulses Detection. Sensors, 2020, 20, 4767.	3.8	7
5	A Self-Decoupling Contactless Overvoltage Measurement Method Based on Optimization of Measuring Point. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	7
6	Design and Test of Contactless Overvoltage Sensor With Spherical Six-Electrode. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	4
7	Simulation, Design, and Test of a Dual-Differential D-Dot Overvoltage Sensor Based on the Field-Circuit Coupling Method. Sensors, 2019, 19, 3413.	3.8	3
8	A Method for Extracting Stray Capacitance and Hysteresis Curves of Potential Transformers Based on Frequency Referring. IEEE Transactions on Power Delivery, 2022, 37, 1897-1905.	4.3	3
9	Novel Sensor System for Online Partial discharge (PD) Detecting on Insulator of Transmission Lines. , 2007, , .		2
10	Research on Non-contact Voltage Transducer for High-Voltage Transmission Lines Based on Inverse Problem of Electric Field. International Journal of Emerging Electric Power Systems, 2014, 15, 101-109.	0.8	1
11	Analysis, Design, and Experiment of FVC Detection Device Using the Cross Four-Electrode Method. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	1
12	AC Voltage Withstand Test Method and Risk Suppression Measures of Energized GIS Based on Phase-frequency Control. IEEE Transactions on Power Delivery, 2022, 37, 1734-1744.	4.3	1
13	A Numerical Calculation Method of the Stray Capacitance of Potential Transformers. , 2021, , .		1
14	Ar/HMDS Plasma Jet as a Tool for Superhydrophobic Coatings on Epoxy Resin. IEEE Transactions on Plasma Science, 2022, 50, 1867-1874.	1.3	1
15	Method of Calculating FVC and FEV1 Based on Integrated Transfer Impedance With Higher-Order Modified Parameter Matrix. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	0