

# Lishuai Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pixel-Level Classification of Pollution Severity on Insulators Using Photothermal Radiometry and Multiclass Semisupervised Support Vector Machine. IEEE Transactions on Industrial Informatics, 2021, 17, 441-449.	11.3	25
2	Detecting Defects in Porcelain Postinsulator Coated With Room Temperature Vulcanized Silicone Rubber by Pulsed Thermography. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 225-233.	4.7	19
3	Differential Evolution Fitting-Based Optical Step-Phase Thermography for Micrometer Thickness Measurement of Atmospheric Corrosion Layer. IEEE Transactions on Industrial Informatics, 2020, 16, 5213-5222.	11.3	15
4	Remote Optical Thermography Detection Method and System for Silicone Polymer Insulating Materials Used in Power Industry. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5782-5790.	4.7	15
5	Nondestructive Visualization and Quantitative Characterization of Defects in Silicone Polymer Insulators Based on Laser Shearography. IEEE Sensors Journal, 2019, 19, 6508-6516.	4.7	14
6	A Semisupervised Learning Framework for Recognition and Classification of Defects in Transient Thermography Detection. IEEE Transactions on Industrial Informatics, 2022, 18, 2632-2640.	11.3	9
7	Transient thermal pattern separation and detection of conductive defects in composite insulators using eddy current pulsed thermography. NDT and E International, 2022, 129, 102653.	3.7	9
8	Pulsed infrared thermography to inspect the internal defects of composite insulators. , 2017, , .		8
9	Photothermal Radar Shearography: A Novel Transient-Based Speckle Pattern Interferometry for Depth-Tomographic Inspection. IEEE Transactions on Industrial Informatics, 2022, 18, 4352-4360.	11.3	4
10	Comparative analysis of single- and multiple-frequency thermal wave radar imaging inspection of glass fiber reinforced polymer (GFRP). International Journal of Extreme Manufacturing, 2022, 4, 025201.	12.7	4
11	Health Monitoring of RTV Silicone Rubber Coating on Insulators Based on Multimode Features of Active Infrared Thermography. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	1
12	Eddy Current Thermography for the Detection of Conductive Defects in Composite Insulators. , 2020, , .		0
13	Comparison of RTV Coating Thickness Identified by Different Frequency Domain Thermal Characteristics. , 2021, , .		0
14	Nonlinear Ultrasonic Phased Array Imaging based on Amplitude Modulation. , 2021, , .		0