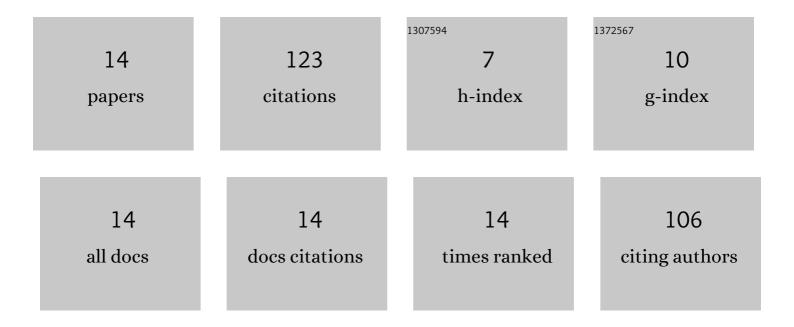
## Lishuai Liu

List of Publications by Year in descending order

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Пенниции

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Pixel-Level Classification of Pollution Severity on Insulators Using Photothermal Radiometry and<br>Multiclass Semisupervised Support Vector Machine. IEEE Transactions on Industrial Informatics, 2021,<br>17, 441-449. | 11.3 | 25        |
| 2  | Detecting Defects in Porcelain Postinsulator Coated With Room Temperature Vulcanized Silicone<br>Rubber by Pulsed Thermography. IEEE Transactions on Instrumentation and Measurement, 2019, 68,<br>225-233.              | 4.7  | 19        |
| 3  | Differential Evolution Fitting-Based Optical Step-Phase Thermography for Micrometer Thickness<br>Measurement of Atmospheric Corrosion Layer. IEEE Transactions on Industrial Informatics, 2020, 16,<br>5213-5222.        | 11.3 | 15        |
| 4  | Remote Optical Thermography Detection Method and System for Silicone Polymer Insulating Materials<br>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<br>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<br>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<br>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<br>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         |