

# Piqiang Su

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Detection of Defects in Film-Coated Metals and Non-Metallic Materials Based on Spoof Surface Plasmon Polaritons. IEEE Sensors Journal, 2019, 19, 11891-11899.	4.7	21
2	Method of Defects Detection in Non-Metallic Composites Based on Liquid Flow Controlled Spoof Surface Plasmon Polaritons. IEEE Sensors Journal, 2021, 21, 13239-13246.	4.7	8
3	Detection of Defects in Non-Metallic Composite Material Based on Electronically Controlled Spoof Surface Plasmon Polaritons. IEEE Sensors Journal, 2021, 21, 2883-2890.	4.7	7
4	High-efficiency electrically direction-controllable spoof surface plasmon polaritons coupler. Journal of Applied Physics, 2020, 127, .	2.5	6
5	A Method for Detecting Metal Surface Cracks Based on Coaxial Resonator. IEEE Sensors Journal, 2021, 21, 16644-16650.	4.7	6
6	A Microwave Time Domain Reflectometry Technique Combining the Wavelet Decomposition Analysis and Artificial Neural Network for Detection of Defects in Dielectric Structures. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	6
7	A Flexible Sensor Tag for Surface Crack Detection of Curved Film-Coated Metals. IEEE Sensors Journal, 2022, 22, 5662-5668.	4.7	6
8	Design of a Tunable Polarization-Insensitive Absorber for L and S Bands Using Active Frequency-Selective Surface. Journal of Electronic Materials, 2020, 49, 1173-1183.	2.2	5
9	Thickness Measurement of Magnetic Absorbing Coating on Metallic Surface by Localized Spoof Surface Plasmon-Based Sensor. IEEE Sensors Journal, 2021, 21, 27433-27440.	4.7	5
10	Detection of Impurities in Nonmetallic Materials Based on Tilted Spoof Surface Plasmon Polaritons. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	4
11	Detection of Metal Surface Cracks Based on Liquid Switch Controlled Spoof Surface Plasmon Polaritons. IEEE Sensors Journal, 2022, 22, 1287-1294.	4.7	4
12	Detection and Location of Defects in Non-Metallic Composites Pipeline Based on Multi-Resonant Spoof Surface Plasmon Polaritons. IEEE Sensors Journal, 2022, 22, 2091-2098.	4.7	2
13	Detection of surface defects in film-coated metals and measurement of coating thickness. Review of Scientific Instruments, 2019, 90, 095005.	1.3	1