

# Yong Li

## List of Publications by Year in descending order

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13  
papers

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#	ARTICLE	IF	CITATIONS
1	Pulse-modulation eddy current probes for imaging of external corrosion in nonmagnetic pipes. NDT and E International, 2017, 88, 51-58.	3.7	36
2	Recognition and evaluation of corrosion profile via pulse-modulation eddy current inspection in conjunction with improved Canny algorithm. NDT and E International, 2019, 106, 18-28.	3.7	25
3	Thickness Assessment of Thermal Barrier Coatings of Aeroengine Blades Via Dual-Frequency Eddy Current Evaluation. IEEE Magnetics Letters, 2016, 7, 1-5.	1.1	20
4	Imaging of Subsurface Corrosion Using Gradient-Field Pulsed Eddy Current Probes with Uniform Field Excitation. Sensors, 2017, 17, 1747.	3.8	14
5	Inversion Technique for Quantitative Infrared Thermography Evaluation of Delamination Defects in Multilayered Structures. IEEE Transactions on Industrial Informatics, 2020, 16, 4592-4602.	11.3	14
6	Development of a Fast Numerical Simulator for Infrared Thermography Testing Signals of Delamination Defect in a Multilayered Plate. IEEE Transactions on Industrial Informatics, 2018, 14, 5544-5552.	11.3	11
7	A Gradient-Field Pulsed Eddy Current Probe for Evaluation of Hidden Material Degradation in Conductive Structures Based on Lift-Off Invariance. Sensors, 2017, 17, 943.	3.8	9
8	A Capsule-Type Electromagnetic Acoustic Transducer for Fast Screening of External Corrosion in Nonmagnetic Pipes. Sensors, 2018, 18, 1733.	3.8	7
9	Pulse-Modulation Eddy Current Imaging for 3D Profile Reconstruction of Subsurface Corrosion in Metallic Structures of Aviation. IEEE Sensors Journal, 2021, 21, 28087-28096.	4.7	7
10	Pulse-Modulation Eddy Current Evaluation of Interlaminar Corrosion in Stratified Conductors: Semi-Analytical Modeling and Experiments. Sensors, 2022, 22, 3458.	3.8	6
11	Pulse-modulation eddy current imaging and evaluation of subsurface corrosion via the improved small sub-domain filtering method. NDT and E International, 2021, 119, 102404.	3.7	5
12	Characteristics Regarding Lift-Off Intersection of Pulse-Modulation Eddy Current Signals for Evaluation of Hidden Thickness Loss in Cladded Conductors. Sensors, 2019, 19, 4102.	3.8	3
13	Feasibility investigation regarding evaluation of external wall-thickness loss in nonmagnetic tubes using a bobbin-typed electromagnetic acoustic transducer. Research in Nondestructive Evaluation, 2019, 30, 287-302.	1.1	2