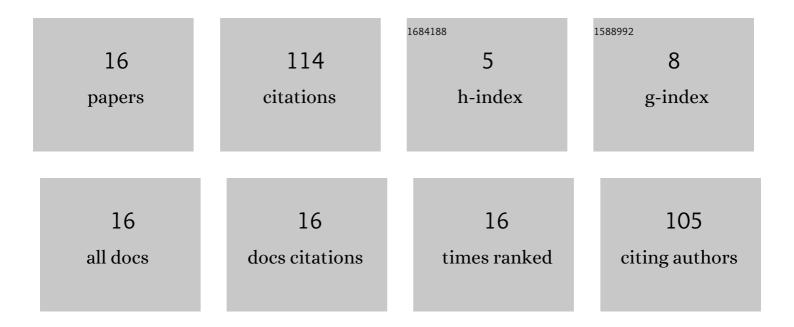
## Xiaolan Yan

List of Publications by Year in descending order

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Χιλοι αν Υλν

#	Article	IF	CITATIONS
1	A Magnetostrictive Guided-Wave Nondestructive Testing Method With Multifrequency Excitation Pulse Signal. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 3058-3066.	4.7	35
2	Quantitative method for detecting internal and surface defects in wire rope. NDT and E International, 2021, 119, 102405.	3.7	21
3	Determination of Natural Frequencies of Pipes Using White Noise for Magnetostrictive Longitudinal Guided-Wave Nondestructive Testing. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2678-2685.	4.7	13
4	A long time low drift integrator with temperature control. Review of Scientific Instruments, 2016, 87, 105119.	1.3	10
5	Research on a high output current DC/DC converter with wide input voltage range for space applications. , 2016, , .		8
6	Fast Quantitative Method to Detect the Cross-Sectional Loss of Wire Rope Defects. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	7
7	Noncontact Magnetostrictive Torsional Guided Wave Sensors for Small-Diameter Pipes. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	6
8	Increasing Detection Resolution of Wire Rope Metallic Cross-Sectional Area Damage Based on Magnetic Aggregation Structure. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4487-4495.	4.7	5
9	Study of Magnetostrictive Guided Wave Detection of Defects in Steel Strip for Elevator Traction. , 2019, , .		3
10	Design approach for coupled inductor filter in low-current-ripple input/output boost converter. , 2016, , .		2
11	A simple control method of open-circuit voltage for the FPGA-based solar array simulator. , 2016, , .		2
12	Position-sensorless for wire rope distance measurement and nondestructive testing. , 2017, , .		1
13	Adaptive Charge-Compensation-Based Variable On-Time Control to Improve Input Current Distortion for CRM Boost PFC Converter. Energies, 2022, 15, 4021.	3.1	1
14	High-efficiency switch-linear-hybrid space solar array simulator with a simple thermal design method for linear power stage. , 2017, , .		0
15	Optimization Study on Air Duct of Solar Array Simulator for Space Power. , 2019, , .		0
16	Output open ircuit voltage control method with resistor–capacitor–diode dummy load branch for SSAS. IET Power Electronics, 2020, 13, 1013-1021.	2.1	0