

Xiaolan Yan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

114
citations

1684188

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1588992

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16
docs citations

16
times ranked

105
citing authors

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