

Wei-Qi Qin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

210
citations

1163117

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1281871

11
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all docs

15
docs citations

15
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical sensing in condition monitoring of gas insulated apparatus: a review. High Voltage, 2019, 4, 259-270.	4.7	52
2	Optical sensors for power transformer monitoring: A review. High Voltage, 2021, 6, 367-386.	4.7	50
3	A Non-Intrusive Electrical Discharge Localization Method for Gas Insulated Line Based on Phase-Sensitive OTDR and Michelson Interferometer. IEEE Transactions on Power Delivery, 2019, 34, 1324-1331.	4.3	28
4	High-Resolution Temperature Distribution Measurement of GIL Spacer Based on OFDR and Ultraweak FBGs. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3866-3873.	4.7	19
5	Effect of Structure on Sensitivity of Magnetic Field Sensor Based on Non-Adiabatic Tapered Optical Fiber With Magnetic Fluid. IEEE Sensors Journal, 2022, 22, 4022-4027.	4.7	12
6	Detection of Dissolved Acetylene in Power Transformer Oil Based on Photonic Crystal Fiber. IEEE Sensors Journal, 2020, 20, 10981-10988.	4.7	10
7	A Centimeter Resolution GIS Insulator Strain Distribution Measurement Method Based on OFDR. IEEE Sensors Journal, 2019, 19, 2962-2969.	4.7	9
8	A Multiplexing Optical Partial Discharge Sensing System for Power Transformer Using a Single Photodetector. IEEE Transactions on Power Delivery, 2021, 36, 1911-1913.	4.3	9
9	Quasi-Distributed Vibration Sensing System for Transformers Using a Phase-Sensitive OFDR. IEEE Transactions on Industrial Electronics, 2022, 69, 10625-10633.	7.9	6
10	Temperature Monitoring of Distribution Transformer Windings Based on Fiber Bragg Grating Array. , 2019, , .		5
11	Optical Frequency-Response Analysis for Power Transformer. IEEE Transactions on Power Delivery, 2021, 36, 1562-1570.	4.3	5
12	Flashover Fault Localization for Gas Insulated Line Based on Steep Wave Sensing. , 2020, , .		4
13	A Relative Humidity Sensor Based on Non-Adiabatic Tapered Optical Fiber for Remote Measurement in Power Cable Tunnel. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	4.7	1
14	Electrical Discharge Localization for Gas Insulated Line Based on Distributed Acoustic Sensing. Lecture Notes in Electrical Engineering, 2020, , 606-614.	0.4	0
15	Characteristics of Ultrasound Induced by Partial Discharge in Power Cable. , 2021, , .		0