

Guo-Ming

List of Publications by Year in descending order

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papers

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docs citations

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348
citing authors

#	ARTICLE	IF	CITATIONS
1	TDLAS-Based Detection of Dissolved Methane in Power Transformer Oil and Field Application. IEEE Sensors Journal, 2018, 18, 2318-2325.	4.7	58
2	Optical sensing in condition monitoring of gas insulated apparatus: a review. High Voltage, 2019, 4, 259-270.	4.7	52
3	Optical sensors for power transformer monitoring: A review. High Voltage, 2021, 6, 367-386.	4.7	50
4	Tracing Acetylene Dissolved in Transformer Oil by Tunable Diode Laser Absorption Spectrum. Scientific Reports, 2017, 7, 14961.	3.3	44
5	A High Sensitivity Optical Fiber Sensor for GIS Partial Discharge Detection. IEEE Sensors Journal, 2019, 19, 9235-9243.	4.7	44
6	A High Sensitivity Optical Fiber Interferometer Sensor for Acoustic Emission Detection of Partial Discharge in Power Transformer. IEEE Sensors Journal, 2021, 21, 24-32.	4.7	34
7	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
8	± 100 -kV HVDC SF ₆ /N ₂ Gas-Insulated Transmission Line. IEEE Transactions on Power Delivery, 2020, 35, 735-744.	4.3	24
9	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
10	Transformer oil-dissolved acetylene detection with photonic crystal fiber loop ringdown spectroscopy. Sensors and Actuators B: Chemical, 2021, 346, 130590.	7.8	11
11	Detection of Dissolved Acetylene in Power Transformer Oil Based on Photonic Crystal Fiber. IEEE Sensors Journal, 2020, 20, 10981-10988.	4.7	10
12	A Centimeter Resolution GIS Insulator Strain Distribution Measurement Method Based on OFDR. IEEE Sensors Journal, 2019, 19, 2962-2969.	4.7	9
13	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
14	Experimental and computational investigations of ethane and ethylene kinetics with copper oxide particles for Chemical Looping Combustion. Proceedings of the Combustion Institute, 2021, 38, 5249-5257.	3.9	6
15	Optical Frequency-Response Analysis for Power Transformer. IEEE Transactions on Power Delivery, 2021, 36, 1562-1570.	4.3	5
16	Kinetic study of reaction C ₂ H ₅ + HO ₂ in a photolysis reactor with time-resolved Faraday rotation spectroscopy. Proceedings of the Combustion Institute, 2021, 38, 871-880.	3.9	5
17	Gas Concentration Sensing Based on Fiber Loop Ring-Down Spectroscopy: A Review. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-16.	4.7	3
18	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