

Zhao-Yang Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Frequency-Domain Analysis of a Time-Reversal Cavity for Electromagnetic Waves in Transmission Line Networks. , 2022, , .		0
2	A Closed Time-Reversal Cavity for Electromagnetic Waves in Transmission Line Networks. IEEE Transactions on Antennas and Propagation, 2021, 69, 1621-1630.	5.1	8
3	A Correlation-Based Electromagnetic Time Reversal Technique to Locate Indoor Transient Radiation Sources. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3945-3957.	4.6	9
4	Single-Sensor EMI Source Localization Using Time Reversal: An Experimental Validation. Electronics (Switzerland), 2021, 10, 2448.	3.1	5
5	Time reversal applied to fault location in power networks: Pilot test results and analyses. International Journal of Electrical Power and Energy Systems, 2020, 114, 105382.	5.5	22
6	Electromagnetic Time Reversal Similarity Characteristics and Its Application to Locating Faults in Power Networks. IEEE Transactions on Power Delivery, 2020, 35, 1735-1748.	4.3	16
7	Partial Discharge Localization Using Electromagnetic Time Reversal: A Performance Analysis. IEEE Access, 2020, 8, 147507-147515.	4.2	24
8	Using Electromagnetic Time Reversal Similarity Metric to Locate Lightning-Originated Flashovers on Overhead Transmission Lines. , 2019, , .		0
9	A Full-Scale Experimental Validation of Electromagnetic Time Reversal Applied to Locate Disturbances in Overhead Power Distribution Lines. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1562-1570.	2.2	42
10	Norm Criteria in the Electromagnetic Time Reversal Technique for Fault Location in Transmission Lines. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1240-1248.	2.2	33
11	Electromagnetic Time Reversal Applied to Fault Location: On the Properties of Back-Injected Signals. , 2018, , .		13
12	An Alternative Method for Locating Faults in Transmission Line Networks Based on Time Reversal. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1601-1612.	2.2	59
13	Using electromagnetic time reversal to locate faults in transmission lines: Definition and application of the "Mirrored Minimum Energy" property. , 2017, , .		25