

Yong Liu

List of Publications by Year in descending order

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| 1 | Effects-Based Monitoring of Geomagnetically-Induced Current Using a Convolutional Neural Network. IEEE Transactions on Power Delivery, 2023, 38, 85-94. | 4.3 | 0 |
| 2 | Power System Coherency Detection From Wide-Area Measurements by Typicality-Based Data Analysis. IEEE Transactions on Power Systems, 2022, 37, 388-401. | 6.5 | 7 |
| 3 | Integrating Transactive Energy Into Reliability Evaluation for a Self-Healing Distribution System With Microgrid. IEEE Transactions on Sustainable Energy, 2022, 13, 122-134. | 8.8 | 20 |
| 4 | Real-Time Lossless Compression for Ultrahigh-Density Synchrophasor and Point-on-Wave Data. IEEE Transactions on Industrial Electronics, 2022, 69, 2012-2021. | 7.9 | 4 |
| 5 | Data-Driven Event Identification in the U.S. Power Systems Based on 2D-OLPP and RUSBoosted Trees. IEEE Transactions on Power Systems, 2022, 37, 94-105. | 6.5 | 42 |
| 6 | Pulsar-Calibrated Timing Source for Synchronized Sampling. IEEE Transactions on Smart Grid, 2022, 13, 1654-1657. | 9.0 | 6 |
| 7 | Improved multiline HVDC circuit breakers with asymmetric conducting branches. International Journal of Electrical Power and Energy Systems, 2022, 137, 107882. | 5.5 | 10 |
| 8 | Multifractal Characterization of Distribution Synchrophasors for Cybersecurity Defense of Smart Grids. IEEE Transactions on Smart Grid, 2022, 13, 1658-1661. | 9.0 | 4 |
| 9 | Analog Front-End: Circuit of Pulsar-Based Timing Synchronization for the WAMS. IEEE Transactions on Industry Applications, 2022, 58, 1622-1631. | 4.9 | 1 |
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| 15 | Time Delay of Wide Area Damping Control in Urban Power Grid: Model-Based Analysis and Data-Driven Compensation. Frontiers in Energy Research, 2022, 10, . | 2.3 | 3 |
| 16 | Disturbance Magnitude Estimation: MLP-based Fusion Approach for Bulk Power Systems. , 2022, , . | | 0 |
| 17 | An Experiment-based Distribution Level Performance Comparison among PMUs. , 2022, , . | | 0 |
| 18 | Non-Gaussianity in Frequency Distribution: FNET/GridEye™s Observation of Worldwide Grids. , 2022, , . | | 0 |

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| 21 | A Station-Hybrid HVDC System Structure and Control Strategies for Cross-Seam Power Transmission. IEEE Transactions on Power Systems, 2021, 36, 379-388. | 6.5 | 31 |
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| 46 | PLC-based Impedance Measurement and Current Injection Response Analysis. , 2021, , . | | 2 |
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