

# Dazhong

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Small-Signal Stability Analysis of the Droop-Controlled Converter in Electromagnetic Timescale. IEEE Transactions on Sustainable Energy, 2019, 10, 1459-1469.	8.8	156
2	Line Impedance Cooperative Stability Region Identification Method for Grid-Tied Inverters Under Weak Grids. IEEE Transactions on Smart Grid, 2020, 11, 2856-2866.	9.0	110
3	SoC-Based Droop Coefficients Stability Region Analysis of the Battery for Stand-Alone Supply Systems With Constant Power Loads. IEEE Transactions on Power Electronics, 2021, 36, 7866-7879.	7.9	105
4	A Hierarchical Event Detection Method Based on Spectral Theory of Multidimensional Matrix for Power System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2173-2186.	9.3	56
5	A t <sub>n</sub> GAN-Based Leak Detection Method for Pipeline Network Considering Incomplete Sensor Data. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	49
6	Insufficient Data Generative Model for Pipeline Network Leak Detection Using Generative Adversarial Networks. IEEE Transactions on Cybernetics, 2022, 52, 7107-7120.	9.5	29
7	Small Leak Location for Intelligent Pipeline System via Action-Dependent Heuristic Dynamic Programming. IEEE Transactions on Industrial Electronics, 2022, 69, 11723-11732.	7.9	27
8	Hierarchical Pressure Data Recovery for Pipeline Network via Generative Adversarial Networks. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1960-1970.	5.2	23
9	Dual-Predictive Control With Adaptive Error Correction Strategy for AC Microgrids. IEEE Transactions on Power Delivery, 2022, 37, 1930-1940.	4.3	18
10	Hybrid SVPWM Modulation Strategy for Auxiliary Resonant Commutated Pole Inverter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 4750-4761.	5.4	15
11	Line Inductance Stability Operation Domain Assessment for Weak Grids With Multiple Constant Power Loads. IEEE Transactions on Energy Conversion, 2021, 36, 1045-1055.	5.2	15
12	Model Predictive Direct Power Control of Three-Port Solid-State Transformer for Hybrid AC/DC Zonal Microgrid Applications. IEEE Transactions on Power Delivery, 2022, 37, 528-538.	4.3	12
13	Real-Time Leak Location of Long-Distance Pipeline Using Adaptive Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-10.	11.3	6