

Mou-Fa Guo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-Impedance Fault Detection Method Based on One-Dimensional Variational Prototyping-Encoder for Distribution Networks. IEEE Systems Journal, 2022, 16, 966-976.	4.6	29
2	Three-phase feeder parameter estimation using radial basis function neural networks and multi-run optimisation method with bad data preparation. IET Generation, Transmission and Distribution, 2022, 16, 351-363.	2.5	4
3	Fault Phase Selection Method Based on Single-Phase Flexible Arc Suppression Device for Asymmetric Distribution Networks. IEEE Transactions on Power Delivery, 2022, 37, 4548-4558.	4.3	13
4	A Decentralized Fault Section Location Method Using Autoencoder and Feature Fusion in Resonant Grounding Distribution Systems. IEEE Systems Journal, 2022, 16, 5698-5707.	4.6	3
5	Active Arc-Suppression Principle Based on Two-Phase T-Type CHB Topology Without DC Power Supply in Distribution Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2842-2846.	3.0	1
6	Location of Single-Line-to-Ground Fault Using 1-D Convolutional Neural Network and Waveform Concatenation in Resonant Grounding Distribution Systems. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	29
7	Photovoltaic Fault Diagnosis Via Semisupervised Ladder Network With String Voltage and Current Measures. IEEE Journal of Photovoltaics, 2021, 11, 219-231.	2.5	33
8	A Newly Designed Diagnostic Method for Mechanical Faults of High-Voltage Circuit Breakers via SSAE and IELM. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	20
9	Hybrid flexible arc suppression device based on soft grid connection strategy for MV distribution systems. IET Generation, Transmission and Distribution, 2021, 15, 2499-2512.	2.5	5
10	A Multiterminal Active Resonance Circuit Breaker for Modular Multilevel Converter Based DC Grid. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2907-2911.	3.0	4
11	A novel method of insulation parameters measurement based on hybrid flexible arc suppression device in distribution networks. International Journal of Electrical Power and Energy Systems, 2021, 130, 106982.	5.5	13
12	Feature clustering based single-line-to-ground fault section location using autoencoder and fuzzy C-means clustering in resonant grounding distribution systems. IET Generation, Transmission and Distribution, 2021, 15, 938-949.	2.5	4
13	An Integrated Thyristor Submodule Based Modular Multilevel Converter with DC Fault Interruption Capability. , 2021, , .		1
14	A Neutral Point Overvoltage Suppression Method Based on Backstepping Control with DC Suppression. , 2021, , .		0
15	Active Optimization Arc Suppression Method Based on Cascaded H-Bridge Converter for Distribution Networks. , 2021, , .		0
16	High Impedance Fault Diagnosis Method Based on Conditional Wasserstein Generative Adversarial Network. , 2021, , .		3
17	Flexible Arc Suppression Method Based on SOGI-FLL-PCI Controller and Fault Status Identification for Distribution Networks. , 2021, , .		1
18	Deep Belief Networks Based Fault Classification in Power Distribution Networks. IEEE Transactions on Electrical and Electronic Engineering, 2020, 15, 1428-1435.	1.4	9

#	ARTICLE	IF	CITATIONS
19	Single-phase flexible arc suppression device based on BSC-SOGI-PLL method for distribution networks. International Journal of Electrical Power and Energy Systems, 2020, 121, 106100.	5.5	35
20	Artificial intelligence recognition method of living body electric shock in low voltage distribution networks. , 2020, , .		1
21	Application of WE-AE-BP Method to Electric Shock Faults Identification in the Low-voltage Distribution Network. , 2020, , .		3
22	Quasi-PR Control Based Flexible Arc Suppression Method in Power Distribution Networks. , 2020, , .		0
23	Hydroelectric Generating Unit Fault Diagnosis Using 1-D Convolutional Neural Network and Gated Recurrent Unit in Small Hydro. IEEE Sensors Journal, 2019, 19, 9352-9363.	4.7	43
24	Mechanical Faults Diagnosis of High-Voltage Circuit Breaker via Hybrid Features and Integrated Extreme Learning Machine. IEEE Access, 2019, 7, 60091-60103.	4.2	30
25	Internal Overvoltage Identification of Distribution Network via Time-Frequency Atomic Decomposition. IEEE Access, 2019, 7, 85110-85122.	4.2	2
26	Model-Predictive-Control-Based Flexible Arc-Suppression Method for Earth Fault in Distribution Networks. IEEE Access, 2019, 7, 16051-16065.	4.2	46
27	Discrete Wavelet Transform-Based Triggering Method for Single-Phase Earth Fault in Power Distribution Systems. IEEE Transactions on Power Delivery, 2019, 34, 2058-2068.	4.3	53
28	Deep-Learning-Based Fault Classification Using Hilbert-Huang Transform and Convolutional Neural Network in Power Distribution Systems. IEEE Sensors Journal, 2019, 19, 6905-6913.	4.7	124
29	FASD based on BSC method for distribution networks. IET Generation, Transmission and Distribution, 2019, 13, 5487-5494.	2.5	18
30	Wavelet-transform based early detection method for short-circuit faults in power distribution networks. International Journal of Electrical Power and Energy Systems, 2018, 99, 706-721.	5.5	33
31	Deep-Learning-Based Earth Fault Detection Using Continuous Wavelet Transform and Convolutional Neural Network in Resonant Grounding Distribution Systems. IEEE Sensors Journal, 2018, 18, 1291-1300.	4.7	201
32	An Interconnection Strategy for Flexible Arc-Suppression Device Based on Cascaded H-Bridge Converter in Distribution Network. , 2018, , .		5
33	Features-clustering-based earth fault detection using singular-value decomposition and fuzzy c-means in resonant grounding distribution systems. International Journal of Electrical Power and Energy Systems, 2017, 93, 97-108.	5.5	39
34	Machine-learning-based single-phase-to-ground fault detection in distribution systems. , 2017, , .		5