Mou-Fa Guo

List of Publications by Year
in descending order

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34	810	623734	610901
papers	citations	14 h-index	24 g-index

34	34	34	578
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Deep-Learning-Based Fault Classification Using Hilbertâ€“Huang Transform and Convolutional Neural Network in Power Distribution Systems. IEEE Sensors Journal, 2019, 19, 6905-6913.	4.7	124
3	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
4	Model-Predictive-Control-Based Flexible Arc-Suppression Method for Earth Fault in Distribution Networks. IEEE Access, 2019, 7, 16051-16065.	4.2	46
5	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
6	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
7	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
8	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
9	Photovoltaic Fault Diagnosis Via Semisupervised Ladder Network With String Voltage and Current Measures. IEEE Journal of Photovoltaics, 2021, 11, 219-231.	2.5	33
10	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
11	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
12	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
13	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
14	FASD based on BSC method for distribution networks. IET Generation, Transmission and Distribution, 2019, 13, 5487-5494.	2.5	18
15	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
16	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
17	Deepâ€Beliefâ€Networks Based Fault Classification in Power Distribution Networks. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1428-1435.	1.4	9
18	Machine-learning-based single-phase-to-ground fault detection in distribution systems. , 2017, , .		5

#	Article	IF	Citations
19	An Interconnection Strategy for Flexible Arc-Suppression Device Based on Cascaded H-Bridge Converter in Distribution Network. , 2018, , .		5
20	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
21	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
22	Threeâ€phase feeder parameter estimation using radial basis function neural networks and multiâ€run optimisation method with bad data preparation. IET Generation, Transmission and Distribution, 2022, 16, 351-363.	2.5	4
23	Featureâ€clusteringâ€based singleâ€lineâ€toâ€ground fault section location using autoâ€encoder and fuzzy Câ€means clustering in resonant grounding distribution systems. IET Generation, Transmission and Distribution, 2021, 15, 938-949.	2.5	4
24	Application of WE-AE-BP Method to Electric Shock Faults Identification in the Low-voltage Distribution Network. , 2020, , .		3
25	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
26	High Impedance Fault Diagnosis Method Based on Conditional Wasserstein Generative Adversarial Network. , 2021, , .		3
27	Internal Overvoltage Identification of Distribution Network via Time-Frequency Atomic Decomposition. IEEE Access, 2019, 7, 85110-85122.	4.2	2
28	Artificial intelligence recognition method of living body electric shock in low voltage distribution networks. , 2020, , .		1
29	An Integrated Thyristor Submodule Based Modular Multilevel Converter with DC Fault Interruption Capability. , 2021, , .		1
30	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
31	Flexible Arc Suppression Method Based on SOGI-FLL-PCI Controller and Fault Status Identification for Distribution Networks. , 2021, , .		1
32	Quasi-PR Control Based Flexible Arc Suppression Method in Power Distribution Networks. , 2020, , .		0
33	A Neutral Point Overvoltage Suppression Method Based on Backstepping Control with DC Suppression. , 2021, , .		0
34	Active Optimization Arc Suppression Method Based on Cascaded H-Bridge Converter for Distribution Networks. , 2021, , .		0