

Zaibin Jiao

List of Publications by Year in descending order

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papers

759
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687363

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44
all docs

44
docs citations

44
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Fault-Location Method for HVDC Transmission Lines. IEEE Transactions on Power Delivery, 2010, 25, 1203-1209.	4.3	165
2	A New Whole-Line Quick-Action Protection Principle for HVDC Transmission Lines Using One-End Current. IEEE Transactions on Power Delivery, 2015, 30, 599-607.	4.3	111
3	Distance Protection for HVDC Transmission Lines Considering Frequency-Dependent Parameters. IEEE Transactions on Power Delivery, 2013, 28, 723-732.	4.3	87
4	Fault Location Technology for Power System Based on Information About the Power Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 6682-6692.	11.3	53
5	A Novel Single-Phase Adaptive Reclosure Scheme for Transmission Lines With Shunt Reactors. IEEE Transactions on Power Delivery, 2009, 24, 545-551.	4.3	42
6	A Novel Distance Protection Algorithm for the Phase-Ground Fault. IEEE Transactions on Power Delivery, 2014, 29, 1718-1725.	4.3	38
7	A D-S Evidence Theory-Based Relay Protection System Hidden Failures Detection Method in Smart Grid. IEEE Transactions on Smart Grid, 2018, 9, 2118-2126.	9.0	37
8	A New Method to Improve Fault Location Accuracy in Transmission Line Based on Fuzzy Multi-Sensor Data Fusion. IEEE Transactions on Smart Grid, 2019, 10, 4211-4220.	9.0	36
9	Novel Distance Protection Based on Distributed Parameter Model for Long-Distance Transmission Lines. IEEE Transactions on Power Delivery, 2013, 28, 2116-2123.	4.3	35
10	Modeling and Fault Analysis of Doubly Fed Induction Generators for Gansu Wind Farm Application. Canadian Journal of Electrical and Computer Engineering, 2015, 38, 52-64.	2.0	25
11	Wide area measurement/wide area information-based control strategy to fast relieve overloads in a self-healing power grid. IET Generation, Transmission and Distribution, 2014, 8, 1168-1176.	2.5	22
12	Novel Magnetization Hysteresis-Based Power-Transformer Protection Algorithm. IEEE Transactions on Power Delivery, 2018, 33, 2562-2570.	4.3	19
13	Study on fault line detection methods based on multi-feature fusion in distribution systems. IET Generation, Transmission and Distribution, 2021, 15, 860-869.	2.5	13
14	Fast algorithm for estimating power frequency phasors under power system transients. IET Generation, Transmission and Distribution, 2015, 9, 395-403.	2.5	12
15	Knowledge-based artificial neural network for power transformer protection. IET Generation, Transmission and Distribution, 2020, 14, 5782-5791.	2.5	12
16	Comprehensive small-signal model and stability analysis of VSC-based medium-voltage DC distribution system. IET Generation, Transmission and Distribution, 2019, 13, 4642-4649.	2.5	8
17	A Fast Full-Line Tripping Distance Protection Method for HVDC Transmission Line. , 2012, , .		6
18	Fault component integrated impedance-based pilot protection scheme for EHV/UHV transmission line with thyristor controlled series capacitor (TCSC) and controllable shunt reactor (CSR). Science China Technological Sciences, 2013, 56, 342-350.	4.0	6

#	ARTICLE	IF	CITATIONS
19	Studies on fault analysis and protection configuration schemes in an isolated micro-grid. , 2014, , .		6
20	A Model Parameter Identification Based Bus-bar Protection Principle. , 2010, , .		4
21	Protection schemes for distribution lines in DC power grid. , 2015, , .		4
22	Adaptive algorithm for estimating power frequency phasors using dynamic window length. IET Generation, Transmission and Distribution, 2016, 10, 3423-3430.	2.5	3
23	Transmission Lines Availability Online Assessment During Power System Restoration Using the Information From Protection Systems. IEEE Access, 2019, 7, 139368-139376.	4.2	3
24	Small-Signal Model and Stability Analysis of DC Microgrids with Master-Slave Control Strategy. , 2019, , .		3
25	New equivalent circuit of three-phase three-limb transformer based on magnetic circuit characteristics. , 2011, , .		2
26	Research on Grounding Current Distribution in HVDC System Operating in Monopolar Mode. , 2018, , .		2
27	The challenge and solution of transformer protection under AC-DC hybrid transmission grid. , 2010, , .		1
28	Impacts of gas network emergencies on power system through gas turbine. , 2017, , .		1
29	A magnetization hysteresis-based power transformer fault detection algorithm. , 2017, , .		1
30	Research on Real-time Condition Monitoring and Dynamic Capacity-increase of Transmission Lines. , 2018, , .		1
31	Research on Voltage Sag Suppression Technique based on CLR and Artificial Current Zero Interruption of FVCB. , 2019, , .		1
32	A method to detect inrush currents in power transformer using current derivation characteristics. , 2015, , .		0
33	Improved WABP based on direction comparison principle and fault current component distribution. , 2016, , .		0
34	A New Analytical Model of VSC for Harmonic Power Flow. , 2019, , .		0
35	SVDD-Based Protection for UHVDC Ground Electrode Line. , 2019, , .		0
36	Transfer Learning Based Equivalent Magnetization Hysteresis Recognition Algorithm for Transformer Protection. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	A New Transformer Protection Scheme based on the Numerical Characteristics of Equivalent Excitation Impedance. , 2019, , .		0
38	Faulty Line Detection Technique Based on ANN. , 2020, , .		0
39	Faulted Line Detection Using Sampled Data and GBDT for Non-solidly Earthed System. , 2020, , .		0
40	A Transformer Protection Scheme Based on The Deep Forest Algorithm. , 2020, , .		0
41	Image Cognition-based Power Transformer Protection Scheme Using Convolutional Neural Network. , 2020, , .		0
42	Comprehensive Small-Signal Modeling and Stability Analysis of Medium-Voltage AC/DC Distribution Networks Based on the Master-Slave Control Strategy. , 2020, , .		0
43	Research on Risk Assessment of No-Load Closing of Transmission Lines Based on Improved Line Model and Ant Colony Algorithm. , 2021, , .		0
44	Online Assessment Method of Switching Overvoltage Risk Using the Participation-Factor-Based Reduced-Order State-Space Model. , 2021, , .		0