Ke-yan Liu

List of Publications by Year
in descending order

22 papers	604 citations	840119 11 h-index	839053 18 g-index
22 all docs	22 docs citations	22 times ranked	699 citing authors

#	Article	IF	Citations
1	Optimal Placement and Sizing of Distributed Generation via an Improved Nondominated Sorting Genetic Algorithm II. IEEE Transactions on Power Delivery, 2015, 30, 569-578.	2.9	169
2	Optimal sitting and sizing of DGs in distribution system considering time sequence characteristics of loads and DGs. International Journal of Electrical Power and Energy Systems, 2015, 69, 430-440.	3.3	80
3	A Trust Region SQP Method for Coordinated Voltage Control in Smart Distribution Grid. IEEE Transactions on Smart Grid, 2016, 7, 381-391.	6.2	57
4	Research and practice on typical modes and optimal allocation method for PV-Wind-ES in Microgrid. Electric Power Systems Research, 2015, 120, 242-255.	2.1	51
5	Optimal power flow algorithm and analysis in distribution system considering distributed generation. IET Generation, Transmission and Distribution, 2014, 8, 261-272.	1.4	49
6	Reactive power coordinated optimisation method with renewable distributed generation based on improved harmony search. IET Generation, Transmission and Distribution, 2016, 10, 3152-3162.	1.4	48
7	Simplified probabilistic voltage stability evaluation considering variable renewable distributed generation in distribution systems. IET Generation, Transmission and Distribution, 2015, 9, 1464-1473.	1.4	34
8	Operational Risk Evaluation of Active Distribution Networks Considering Cyber Contingencies. IEEE Transactions on Industrial Informatics, 2020, 16, 3849-3861.	7.2	30
9	A Network Reconfiguration Method Considering Data Uncertainties in Smart Distribution Networks. Energies, 2017, 10, 618.	1.6	25
10	Distributed synchronous detection for false data injection attack in cyber-physical microgrids. International Journal of Electrical Power and Energy Systems, 2022, 137, 107788.	3.3	18
11	The decomposition and computation method for distributed optimal power flow based on message passing interface (MPI). International Journal of Electrical Power and Energy Systems, 2011, 33, 1185-1193.	3.3	16
12	A Fast Reactive Power Optimization in Distribution Network Based on Large Random Matrix Theory and Data Analysis. Applied Sciences (Switzerland), 2016, 6, 158.	1.3	10
13	A New DG Multiobjective Optimization Method Based on an Improved Evolutionary Algorithm. Journal of Applied Mathematics, 2013, 2013, 1-11.	0.4	4
14	Energy Loss Calculation of Low Voltage Distribution Area Based on Variational Mode Decomposition and Least Squares Support Vector Machine. Mathematical Problems in Engineering, 2021, 2021, 1-11.	0.6	4
15	A fault location method of distribution network based on XGBoost and SVM algorithm. IET Cyber-Physical Systems: Theory and Applications, 2021, 6, 254-264.	1.9	3
16	A Novel Reactive Power Optimization in Distribution Network Based on Typical Scenarios Partitioning and Load Distribution Matching Method. Applied Sciences (Switzerland), 2017, 7, 787.	1.3	2
17	Solving coordinated voltage optimization in distribution network based on a robust sequential quadratic programming algorithm. , 2016, , .		1
18	Distribution network reliability investment effectiveness evaluation based on defect data mining. Journal of Engineering, 2017, 2017, 2062-2066.	0.6	1

#	Article	IF	Citations
19	A Complex Fault Diagnostic Approach of Active Distribution Network Based on SBS-SFS Optimized Multi-SVM. Mathematical Problems in Engineering, 2020, 2020, 1-12.	0.6	1
20	Comprehensive fault simulation method in active distribution network with the consideration of cyber security. IET Cyber-Physical Systems: Theory and Applications, 2021, 6, 27-40.	1.9	1
21	Method for Real-Time Abnormal State Detection of a Distribution Network Based on Maximum and Minimum Eigenvalues. Mathematical Problems in Engineering, 2017, 2017, 1-8.	0.6	0
22	A time error correction method based on virtual power for parallel simulation of power system. Journal of Engineering, 2021, 2021, 234-239.	0.6	0