Hazlie Bin Mokhlis

List of Publications by Year
in descending order

321 papers	9,309 citations	44069 48 h-index	53230 85 g-index
323 all docs	323 docs citations	323 times ranked	7478 citing authors

#	Article	IF	Citations
1	Inertia response and frequency control techniques for renewable energy sources: A review. Renewable and Sustainable Energy Reviews, 2017, 69, 144-155.	16.4	583
2	Photovoltaic penetration issues and impacts in distribution network â€" A review. Renewable and Sustainable Energy Reviews, 2016, 53, 594-605.	16.4	387
3	Mitigating methods of power fluctuation of photovoltaic (PV) sources â€" A review. Renewable and Sustainable Energy Reviews, 2016, 59, 1170-1184.	16.4	312
4	Emergence of energy storage technologies as the solution for reliable operation of smart power systems: A review. Renewable and Sustainable Energy Reviews, 2013, 25, 135-165.	16.4	310
5	Review on forecasting of photovoltaic power generation based on machine learning and metaheuristic techniques. IET Renewable Power Generation, 2019, 13, 1009-1023.	3.1	263
6	A new approach for optimum simultaneous multi-DG distributed generation Units placement and sizing based on maximization of system loadability using HPSO (hybrid particle swarm optimization) algorithm. Energy, 2014, 66, 202-215.	8.8	243
7	Optimal placement and sizing of a DG based on a new power stability index and line losses. International Journal of Electrical Power and Energy Systems, 2012, 43, 1296-1304.	5.5	238
8	Optimization strategies for Solid Oxide Fuel Cell (SOFC) application: A literature survey. Renewable and Sustainable Energy Reviews, 2017, 76, 460-484.	16.4	222
9	Fault location and detection techniques in power distribution systems with distributed generation: A review. Renewable and Sustainable Energy Reviews, 2017, 74, 949-958.	16.4	212
10	A review of Safety, Health and Environmental (SHE) issues of solar energy system. Renewable and Sustainable Energy Reviews, 2015, 41, 1190-1204.	16.4	210
11	Partial discharge classifications: Review of recent progress. Measurement: Journal of the International Measurement Confederation, 2015, 68, 164-181.	5.0	165
12	Optimal reconfiguration of distribution system connected with distributed generations: A review of different methodologies. Renewable and Sustainable Energy Reviews, 2017, 73, 854-867.	16.4	159
13	A new approach for optimum DG placement and sizing based on voltage stability maximization and minimization of power losses. Energy Conversion and Management, 2013, 70, 202-210.	9.2	147
14	Application of signal processing techniques for islanding detection of distributed generation in distribution network: A review. Energy Conversion and Management, 2015, 96, 613-624.	9.2	136
15	Application of computational intelligence techniques for load shedding in power systems: A review. Energy Conversion and Management, 2013, 75, 130-140.	9.2	131
16	Smart power management algorithm in microgrid consisting of photovoltaic, diesel, and battery storage plants considering variations in sunlight, temperature, and load. Energy Conversion and Management, 2014, 84, 562-582.	9.2	129
17	Mix-mode energy management strategy and battery sizing for economic operation of grid-tied microgrid. Energy, 2017, 118, 1322-1333.	8.8	128
18	Optimum shunt capacitor placement in distribution systemâ€"A review and comparative study. Renewable and Sustainable Energy Reviews, 2014, 30, 429-439.	16.4	122

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19	Multiobjective optimization using weighted sum Artificial Bee Colony algorithm for Load Frequency Control. International Journal of Electrical Power and Energy Systems, 2014, 55, 657-667.	5.5	117
20	Analysis of the performance of domestic lighting lamps. Energy Policy, 2013, 52, 482-500.	8.8	110
21	Optimum network reconfiguration based on maximization of system loadability using continuation power flow theorem. International Journal of Electrical Power and Energy Systems, 2014, 54, 123-133.	5.5	97
22	Computational Intelligence based techniques for islanding detection of distributed generation in distribution network: A review. Energy Conversion and Management, 2014, 88, 139-152.	9.2	87
23	A New Under-Frequency Load Shedding Technique Based on Combination of Fixed and Random Priority of Loads for Smart Grid Applications. IEEE Transactions on Power Systems, 2015, 30, 2507-2515.	6.5	81
24	A comprehensive overview of new designs in the hydraulic, electrical equipments and controllers of mini hydro power plants making it cost effective technology. Renewable and Sustainable Energy Reviews, 2013, 20, 279-293.	16.4	79
25	High impedance fault location in 11kV underground distribution systems using wavelet transforms. International Journal of Electrical Power and Energy Systems, 2014, 55, 723-730.	5.5	76
26	A review on islanding operation and control for distribution network connected with small hydro power plant. Renewable and Sustainable Energy Reviews, 2011, 15, 3952-3962.	16.4	75
27	A Sensitivity Analysis of Different Power System Parameters on Islanding Detection. IEEE Transactions on Sustainable Energy, 2016, 7, 461-470.	8.8	75
28	Distribution Network Planning Enhancement via Network Reconfiguration and DG Integration Using Dataset Approach and Water Cycle Algorithm. Journal of Modern Power Systems and Clean Energy, 2020, 8, 86-93.	5.4	75
29	Ramp-rate control smoothing methods to control output power fluctuations from solar photovoltaic (PV) sourcesâ€"A review. Journal of Energy Storage, 2018, 20, 218-229.	8.1	73
30	A new islanding detection technique for multiple mini hydro based on rate of change of reactive power and load connecting strategy. Energy Conversion and Management, 2013, 76, 215-224.	9.2	71
31	A New Centralized Adaptive Underfrequency Load Shedding Controller for Microgrids Based on a Distribution State Estimator. IEEE Transactions on Power Delivery, 2017, 32, 370-380.	4.3	69
32	Application of firefly algorithm with online wavelet filter in automatic generation control of an interconnected reheat thermal power system. International Journal of Electrical Power and Energy Systems, 2014, 63, 401-413.	5.5	67
33	Partial discharge phenomena within an artificial void in cable insulation geometry: experimental validation and simulation. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 451-459.	2.9	67
34	Fuzzy-Logic-Based UPFC and Laboratory Prototype Validation for Dynamic Power Flow Control in Transmission Lines. IEEE Transactions on Industrial Electronics, 2017, 64, 9538-9548.	7.9	64
35	Partial discharge patterns in high voltage insulation. , 2012, , .		62
36	A review on voltage control methods using on-load tap changer transformers for networks with renewable energy sources. Renewable and Sustainable Energy Reviews, 2016, 62, 1154-1161.	16.4	62

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37	A comparative study of multi-objective optimal power flow based on particle swarm, evolutionary programming, and genetic algorithm. Electrical Engineering, 2015, 97, 1-12.	2.0	59
38	Photovoltaic electricity generator dynamic modeling methods for smart grid applications: A review. Renewable and Sustainable Energy Reviews, 2016, 57, 131-172.	16.4	59
39	Non-linear representation of voltage sag profiles for fault location in distribution networks. International Journal of Electrical Power and Energy Systems, 2011, 33, 124-130.	5.5	58
40	Simulation study on optimal placement and sizing of Battery Switching Station units using Artificial Bee Colony algorithm. International Journal of Electrical Power and Energy Systems, 2014, 55, 592-601.	5.5	55
41	Enhancing power transfer capability through flexible AC transmission system devices: a review. Frontiers of Information Technology and Electronic Engineering, 2015, 16, 658-678.	2.6	54
42	Optimum Simultaneous DG and Capacitor Placement on the Basis of Minimization of Power Losses. International Journal of Computer and Electrical Engineering, 2013, , 516-522.	0.2	53
43	Optimal multiple distributed generation output through rank evolutionary particle swarm optimization. Neurocomputing, 2015, 152, 190-198.	5.9	53
44	Intermittent Smoothing Approaches for Wind Power Output: A Review. Energies, 2017, 10, 1572.	3.1	53
45	Under-Frequency Load Shedding scheme for islanded distribution network connected with mini hydro. International Journal of Electrical Power and Energy Systems, 2012, 42, 127-138.	5.5	52
46	Transformer Incipient Fault Prediction Using Combined Artificial Neural Network and Various Particle Swarm Optimisation Techniques. PLoS ONE, 2015, 10, e0129363.	2.5	52
47	Ramp-rate control approach based on dynamic smoothing parameter to mitigate solar PV output fluctuations. International Journal of Electrical Power and Energy Systems, 2018, 96, 296-305.	5.5	52
48	Short-Term Electricity Price Forecasting via Hybrid Backtracking Search Algorithm and ANFIS Approach. IEEE Access, 2019, 7, 77674-77691.	4.2	52
49	Enhancing power system resilience leveraging microgrids: A review. Journal of Renewable and Sustainable Energy, 2019, 11, .	2.0	52
50	Progress on Protection Strategies to Mitigate the Impact of Renewable Distributed Generation on Distribution Systems. Energies, 2017, 10, 1864.	3.1	51
51	Global Particle Swarm Optimization for High Dimension Numerical Functions Analysis. Journal of Applied Mathematics, 2014, 2014, 1-14.	0.9	49
52	Determination of partial discharge time lag in void using physical model approach. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 463-471.	2.9	49
53	Application of load shedding schemes for distribution network connected with distributed generation: A review. Renewable and Sustainable Energy Reviews, 2018, 82, 858-867.	16.4	48
54	Optimum tie switches allocation and DG placement based on maximisation of system loadability using discrete artificial bee colony algorithm. IET Generation, Transmission and Distribution, 2016, 10, 2277-2284.	2.5	47

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55	Optimal Protection Coordination Scheme for Radial Distribution Network Considering ON/OFF-Grid. IEEE Access, 2021, 9, 34921-34937.	4.2	45
56	Fuzzy based controller for dynamic Unified Power Flow Controller to enhance power transfer capability. Energy Conversion and Management, 2014, 79, 652-665.	9.2	44
57	A Comprehensive Review on Protection Strategies to Mitigate the Impact of Renewable Energy Sources on Interconnected Distribution Networks. IEEE Access, 2021, 9, 35740-35765.	4.2	44
58	Evaluation of solid oxide fuel cell based polygeneration system in residential areas integrating with electric charging and hydrogen fueling stations for vehicles. Applied Energy, 2019, 238, 1373-1388.	10.1	43
59	Fitness Dependent Optimizer-Based Automatic Generation Control of Multi-Source Interconnected Power System With Non-Linearities. IEEE Access, 2020, 8, 100989-101003.	4.2	43
60	State‐of‐the‐art review on power system resilience and assessment techniques. IET Generation, Transmission and Distribution, 2020, 14, 6107-6121.	2.5	43
61	Establishment of fault current characteristics for solar photovoltaic generator considering low voltage ride through and reactive current injection requirement. Renewable and Sustainable Energy Reviews, 2018, 92, 478-488.	16.4	42
62	An Hour-Ahead PV Power Forecasting Method Based on an RNN-LSTM Model for Three Different PV Plants. Energies, 2022, 15, 2243.	3.1	41
63	Hybrid ANN and Artificial Cooperative Search Algorithm to Forecast Short-Term Electricity Price in De-Regulated Electricity Market. IEEE Access, 2019, 7, 125369-125386.	4.2	40
64	Fast Optimal Network Reconfiguration With Guided Initialization Based on a Simplified Network Approach. IEEE Access, 2020, 8, 11948-11963.	4.2	40
65	Improved-Fitness Dependent Optimizer Based FOI-PD Controller for Automatic Generation Control of Multi-Source Interconnected Power System in Deregulated Environment. IEEE Access, 2020, 8, 197757-197775.	4.2	39
66	Investigating possible wind energy potential to meet the power shortage in Karachi. Renewable and Sustainable Energy Reviews, 2013, 18, 528-542.	16.4	38
67	A hybrid deep learning method for an hour ahead power output forecasting of three different photovoltaic systems. Applied Energy, 2022, 307, 118185.	10.1	36
68	Minimum switching losses for solving distribution NR problem with distributed generation. IET Generation, Transmission and Distribution, 2018, 12, 1790-1801.	2.5	34
69	Optimal Scheduling of Plug-in Electric Vehicle Charging Including Time-of-Use Tariff to Minimize Cost and System Stress. Energies, 2019, 12, 1500.	3.1	34
70	Partial discharge behaviours within a void‐dielectric system under square waveform applied voltage stress. IET Science, Measurement and Technology, 2014, 8, 81-88.	1.6	32
71	An islanding detection strategy for distribution network connected with hybrid DG resources. Renewable and Sustainable Energy Reviews, 2015, 45, 662-676.	16.4	32
72	An improved power control strategy for <scp>grid‐connected</scp> hybrid microgrid without park transformation and phase‐locked loop system. International Transactions on Electrical Energy Systems, 2021, 31, e12922.	1.9	32

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73	Network reconfiguration for loss reduction with distributed generations using PSO. , 2012, , .		31
74	Improved UFLS with consideration of power deficit during shedding process and flexible load selection. IET Renewable Power Generation, 2018, 12, 565-575.	3.1	31
75	Fuzzy Logic-Based Direct Power Control Method for PV Inverter of Grid-Tied AC Microgrid without Phase-Locked Loop. Electronics (Switzerland), 2021, 10, 3095.	3.1	31
76	Reusability Techniques in Load-Flow Analysis Computer Program. IEEE Transactions on Power Systems, 2004, 19, 1754-1762.	6.5	30
77	An approach to improve active power flow capability by using dynamic unified power flow controller. , 2014, , .		30
78	Minimumâ€featuresâ€based ANNâ€PSO approach for islanding detection in distribution system. IET Renewable Power Generation, 2016, 10, 1255-1263.	3.1	30
79	Analysis of an Optimal Planning Model for Electric Vehicle Fast-Charging Stations in Al Ain City, United Arab Emirates. IEEE Access, 2021, 9, 73678-73694.	4.2	30
80	Passive islanding detection technique for synchronous generators based on performance ranking of different passive parameters. IET Generation, Transmission and Distribution, 2017, 11, 4175-4183.	2.5	29
81	A Comprehensive Review and Technical Guideline for Optimal Design and Operations of Fuel Cell-Based Cogeneration Systems. Processes, 2019, 7, 950.	2.8	29
82	Progress in control and coordination of energy storage systemâ€based VSG: a review. IET Renewable Power Generation, 2020, 14, 177-187.	3.1	27
83	Directional overcurrent and earth-fault protections for a biomass microgrid system in Malaysia. International Journal of Electrical Power and Energy Systems, 2014, 55, 581-591.	5.5	26
84	Progress on power swing blocking schemes and the impact of renewable energy on power swing characteristics: A review. Renewable and Sustainable Energy Reviews, 2015, 52, 280-288.	16.4	26
85	Optimal heat recovery using photovoltaic thermal and thermoelectric generator for solid oxide fuel cell-based polygeneration system: Techno-economic and environmental assessments. Applied Thermal Engineering, 2020, 181, 116015.	6.0	26
86	Performance assessment of three grid-connected photovoltaic systems with combined capacity of 6.575 kWp in Malaysia. Journal of Cleaner Production, 2020, 277, 123242.	9.3	26
87	DQ-axis Synchronous Reference Frame based P-Q Control of Grid Connected AC Microgrid. , 2020, , .		26
88	Modified Particle Swarm Optimization with Time Varying Acceleration Coefficients for Economic Load Dispatch with Generator Constraints. Journal of Electrical Engineering and Technology, 2014, 9, 15-26.	2.0	26
89	Application of Hybrid Meta-Heuristic Techniques for Optimal Load Shedding Planning and Operation in an Islanded Distribution Network Integrated with Distributed Generation. Energies, 2018, 11, 1134.	3.1	24
90	Protection Coordination Toward Optimal Network Reconfiguration and DG Sizing. IEEE Access, 2019, 7, 163700-163718.	4.2	24

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91	Lightning back flashover double circuit tripping pattern of 132kV lines in Malaysia. International Journal of Electrical Power and Energy Systems, 2013, 45, 235-241.	5.5	23
92	Experiment and modeling of void discharges within dielectric insulation material under impulse voltage. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 2252-2260.	2.9	23
93	Induction motor fault detection based on multi€sensory control and wavelet analysis. IET Electric Power Applications, 2020, 14, 2051-2061.	1.8	23
94	The study of directional overcurrent relay and directional earth-fault protection application for 33kV underground cable system in Malaysia. International Journal of Electrical Power and Energy Systems, 2012, 40, 113-119.	5.5	22
95	Performance investigation of ABC algorithm in multi-area power system with multiple interconnected generators. Applied Soft Computing Journal, 2017, 57, 436-451.	7.2	22
96	Partial discharges within two spherical voids in an epoxy resin. Journal Physics D: Applied Physics, 2013, 46, 335301.	2.8	21
97	A placement method of fuzzy based unified power flow controller to enhance voltage stability margin. , 2014, , .		21
98	Application of Meta-Heuristic Techniques for Optimal Load Shedding in Islanded Distribution Network with High Penetration of Solar PV Generation. Energies, 2017, 10, 150.	3.1	21
99	Grey Wolf Optimizer Based Battery Energy Storage System Sizing for Economic Operation of Microgrid. , 2018, , .		21
100	Voltage sags pattern recognition technique for fault section identification in distribution networks. , 2009, , .		20
101	Application of firefly algorithm (FA) based optimization in load frequency control for interconnected reheat thermal power system. , 2013, , .		20
102	D-Q model of Fuzzy based UPFC to control power flow in transmission network. , 2014, , .		20
103	Optimal Placement of Unified Power Flow Controllers to Improve Dynamic Voltage Stability Using Power System Variable Based Voltage Stability Indices. PLoS ONE, 2015, 10, e0123802.	2.5	20
104	Hybrid feature selection€"artificial intelligence€"gravitational search algorithm technique for automated transformer fault determination based on dissolved gas analysis. IET Generation, Transmission and Distribution, 2020, 14, 1575-1582.	2.5	20
105	A New Particle Swarm Optimization Technique in Optimizing Size of Distributed Generation. International Journal of Electrical and Computer Engineering, 2012, 2, .	0.7	20
106	Comparative Study on Distributed Generator Sizing Using Three Types of Particle Swarm Optimization. , 2012, , .		19
107	Graph theory-based radial load flow analysis to solve the dynamic network reconfiguration problem. International Transactions on Electrical Energy Systems, 2016, 26, 783-808.	1.9	19
108	Lightning back flashover tripping patterns on a 275/132ÂkV quadruple circuit transmission line in Malaysia. IET Science, Measurement and Technology, 2016, 10, 344-354.	1.6	19

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109	Frequency Regulation Strategies in Grid Integrated Offshore Wind Turbines via VSC-HVDC Technology: A Review. Energies, 2017, 10, 1244.	3.1	19
110	Integrated database approach in multi€objective network reconfiguration for distribution system using discrete optimisation techniques. IET Generation, Transmission and Distribution, 2018, 12, 976-986.	2.5	19
111	Energy management system of microgrid: Control schemes, pricing techniques, and future horizons. International Journal of Energy Research, 2021, 45, 12728-12739.	4.5	19
112	Optimal coordination of directional overcurrent relay based on combination of Firefly Algorithm and Linear Programming. Ain Shams Engineering Journal, 2022, 13, 101777.	6.1	19
113	Measurement and simulation of partial discharge activity within a void cavity in a polymeric power cable model. , 2013, , .		18
114	Simultaneous Network Reconfiguration and DG Sizing Using Evolutionary Programming and Genetic Algorithm to Minimize Power Losses. Arabian Journal for Science and Engineering, 2014, 39, 6327-6338.	1.1	17
115	A Fuzzy-Based PI Controller for Power Management of a Grid-Connected PV-SOFC Hybrid System. Energies, 2017, 10, 1720.	3.1	17
116	An intelligent under frequency load shedding scheme for islanded distribution network. , 2012, , .		16
117	IZDPWM-Based Feedforward Controller for Grid-Connected Inverters Under Unbalanced and Distorted Conditions. IEEE Transactions on Industrial Electronics, 2017, 64, 14-21.	7.9	16
118	Multi-Objective Network Reconfiguration with Optimal DG Output Using Meta-Heuristic Search Algorithms. Arabian Journal for Science and Engineering, 2018, 43, 2673-2686.	3.0	16
119	Optimum Distribution System Expansion Planning Incorporating DG Based on N-1 Criterion for Sustainable System. Sustainability, 2021, 13, 6708.	3.2	16
120	Transmission loss minimization using SVC based on Particle Swarm Optimization. , 2011, , .		15
121	Optimal placement and sizing of multiple FACTS devices installation. , 2012, , .		15
122	Economic load dispatch with nonsmooth cost functions using evolutionary particle swarm optimization. IEEJ Transactions on Electrical and Electronic Engineering, 2013, 8, S30.	1.4	15
123	Solving Unit Commitment Problem Using Multi-agent Evolutionary Programming Incorporating Priority List. Arabian Journal for Science and Engineering, 2015, 40, 3247-3261.	1.1	15
124	Comprehensive review on the optimal integration of distributed generation in distribution systems. Journal of Renewable and Sustainable Energy, 2018, 10, .	2.0	15
125	Modal Control Design of Damping Controllers for Thyristor-Controlled Series Capacitor to Stabilize Common-Mode Torsional Oscillations of a Series-Capacitor Compensated Power System. IEEE Transactions on Industry Applications, 2019, 55, 2327-2336.	4.9	15
126	Optimal battery and fuel cell operation for energy management strategy in MG. IET Generation, Transmission and Distribution, 2019, 13, 997-1004.	2.5	15

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127	Optimized artificial neural network to improve the accuracy of estimated fault impedances and distances for underground distribution system. PLoS ONE, 2020, 15, e0227494.	2.5	15
128	A comparative study of 5-level and 7-level multilevel inverter connected to the grid. , 2012, , .		14
129	Determination of surge arrester discharge energy using finite element analysis method. IET Science, Measurement and Technology, 2015, 9, 693-701.	1.6	14
130	A Mixed Integer Linear Programming Based Load Shedding Technique for Improving the Sustainability of Islanded Distribution Systems. Sustainability, 2020, 12, 6234.	3.2	14
131	Damping of Subsynchronous Resonance in a Hybrid System With a Steam-Turbine Generator and an Offshore Wind Farm Using a Unified Power-Flow Controller. IEEE Transactions on Industry Applications, 2021, 57, 110-120.	4.9	14
132	Optimal Location and Sizing of SVC Using Particle Swarm Optimization Technique. , 2011, , .		13
133	Distribution of electric field in medium voltage cable joint geometry. , 2012, , .		13
134	Optimum multi DG units placement and sizing based on voltage stability index and PSO. , 2012, , .		13
135	A fuzzy based load frequency control for distribution network connected with mini hydro power plant. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1301-1310.	1.4	13
136	Critical Reviews of Load Flow Methods for Well, Ill and Unsolvable Condition. Journal of Electrical Engineering, 2012, 63, 144-152.	0.7	12
137	Modelling of partial discharge pulses in high voltage cable insulation using finite element analysis software. , 2013, , .		12
138	Corona discharges under various types of electrodes. , 2014, , .		12
139	Under-Voltage Load Shedding Scheme Based on Voltage Stability Index for Distribution Network. , 2014, , .		12
140	Simultaneous network reconfiguration and DG using EP method. International Transactions on Electrical Energy Systems, 2015, 25, 2577-2594.	1.9	12
141	Optimum distribution network operation considering distributed generation mode of operations and safety margin. IET Renewable Power Generation, 2016, 10, 1049-1058.	3.1	12
142	A new underâ€voltage load shedding scheme for islanded distribution system based on voltage stability indices. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 665-675.	1.4	12
143	Enhancement of simultaneous network reconfiguration and DG sizing via Hamming dataset approach and firefly algorithm. IET Generation, Transmission and Distribution, 2019, 13, 5071-5082.	2.5	12
144	Effects of Submarine-Cable Types and Parameters on Performance of a Future-Scheduled Offshore Wind Farm Connected to Taiwan Power System. IEEE Transactions on Industry Applications, 2020, 56, 1171-1179.	4.9	12

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145	Recent Development in Electricity Price Forecasting Based on Computational Intelligence Techniques in Deregulated Power Market. Energies, 2021, 14, 6104.	3.1	12
146	Modified particle swarm optimization for economic-emission load dispatch of power system operation. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 2304-2318.	1.4	12
147	Fault location estimation for distribution system using simulated voltage sags data. , 2007, , .		11
148	PSO based technique for loss minimization considering voltage profile and cost function. , 2011, , .		11
149	Particle swarm optimization techniques for optimal location and sizing of thyristor controlled series capacitor. , 2012, , .		11
150	Impact of load modeling in distribution state estimation. , 2012, , .		11
151	Partial discharge simulation under various applied voltage waveforms. , 2012, , .		11
152	Placement and sizing of thyristor controlled series compensator using PSO based technique for loss minimization. , 2012, , .		11
153	Analysis of distributed generation operation modes using new effective voltage stability index in radial system. International Transactions on Electrical Energy Systems, 2014, 24, 1576-1585.	1.9	11
154	Distribution Network Loss Minimization via Simultaneous Distributed Generation Coordination with Network Reconfiguration. Arabian Journal for Science and Engineering, 2014, 39, 4923-4933.	1.1	11
155	Quadratic Discriminant Index for Optimal Multiplier Load Flow Method in ill conditioned system. International Journal of Electrical Power and Energy Systems, 2014, 60, 378-388.	5.5	11
156	Power System Restoration Planning Strategy Based on Optimal Energizing Time of Sectionalizing Islands. Energies, 2018, 11, 1316.	3.1	11
157	Operational Cost Minimization of Electrical Distribution Network during Switching for Sustainable Operation. Sustainability, 2022, 14, 4196.	3.2	11
158	Evolutionary Particle Swarm Optimization (EPSO) based technique for multiple SVCs optimization. , 2012, , .		10
159	Electric field distribution in 132 kV one piece premolded cable joint structures. , 2012, , .		10
160	Identification of failure root causes using condition based monitoring data on a 33 kV switchgear. International Journal of Electrical Power and Energy Systems, 2013, 47, 305-312.	5.5	10
161	Minimization of Power Losses in Distribution System via Sequential Placement of Distributed Generation and Charging Station. Arabian Journal for Science and Engineering, 2014, 39, 3023-3031.	1.1	10
162	Highâ€impedance fault location using matching technique and wavelet transform for underground cable distribution network. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 176-182.	1.4	10

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163	Modified scalar discontinuous pulse‑width modulation method for two‑level three‑wire voltage source inverters under unbalanced and distorted conditions. IET Power Electronics, 2015, 8, 1339-1348.	2.1	10
164	Optimal coordination of directional overcurrent relay based on combination of improved particle swarm optimization and linear programming considering multiple characteristics curve. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 1765-1780.	1.4	10
165	Voltage Sags Matching to Locate Faults for Underground Distribution Networks. Advances in Electrical and Computer Engineering, 2011, 11, 43-48.	0.9	10
166	Power Losses Reduction via Simultaneous Optimal Distributed Generation Output and Reconfiguration using ABC Optimization. Journal of Electrical Engineering and Technology, 2014, 9, 1229-1239.	2.0	10
167	Modeling and simulation of digital frequency relay for generator protection. , 2012, , .		9
168	Gravitational Search Algorithm for Optimal Distributed Generation Operation in Autonomous Network. Arabian Journal for Science and Engineering, 2014, 39, 7183-7188.	1.1	9
169	Prioritization of different passive parameters for islanding detection on the basis of response analysis. , 2016, , .		9
170	Optimal switching sequence path for distribution network reconfiguration considering different types of distributed generation. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 874-882.	1.4	9
171	Simultaneous Network Reconfiguration with Distributed Generation Sizing and Tap Changer Adjustment for Power Loss Reduction Using Imperialist Competitive Algorithm. Arabian Journal for Science and Engineering, 2018, 43, 2779-2792.	3.0	9
172	Application of polynomial regression and MILP for under-frequency load shedding scheme in islanded distribution system. AEJ - Alexandria Engineering Journal, 2022, 61, 659-674.	6.4	9
173	Effect of load models on Battery-Switching Station allocation in distribution network. , 2012, , .		8
174	A generalized fault location method based on voltage sags for distribution network. IEEJ Transactions on Electrical and Electronic Engineering, 2013, 8, S38.	1.4	8
175	Support vector classification and regression for fault location in distribution system using voltage sag profile. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 519-526.	1.4	8
176	Transient Faults in Wind Energy Conversion Systems: Analysis, Modelling Methodologies and Remedies. Energies, 2018, 11, 2249.	3.1	8
177	Optimal under voltage load shedding scheme for a distribution network using EPSO algorithm. , 2018, , .		8
178	Analysis of discharge energy on surge arrester configurations in 132‑kV double circuit transmission lines. Measurement: Journal of the International Measurement Confederation, 2019, 139, 103-111.	5.0	8
179	Digital analysis and development of ride-through capability of ac contactor with respect to voltage sag characteristics. , 2010, , .		7
180	Electric field distribution in 132 kV XLPE cable termination model from finite element method. , 2012, , .		7

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181	Distribution of electric field in capacitor and surge arrester bushings. , 2012, , .		7
182	High impedance fault localization in a distribution network using the discrete wavelet transform. , 2012, , .		7
183	Stand-alone hybrid renewable energy system simulation and optimization using imperialist competitive algorithm. , 2014, , .		7
184	Improving State Estimation Accuracy Through Incremental Meter Placement Using New Evolutionary Strategy. Arabian Journal for Science and Engineering, 2014, 39, 7981-7989.	1.1	7
185	Artificial neural network based islanding detection technique for mini hydro type distributed generation. , 2014, , .		7
186	Fault location estimation method by considering measurement error for distribution networks. International Transactions on Electrical Energy Systems, 2014, 24, 1244-1262.	1.9	7
187	Gravitational Search Algorithm and Selection Approach for Optimal Distribution Network Configuration Based on Daily Photovoltaic and Loading Variation. Journal of Applied Mathematics, 2015, 2015, 1-11.	0.9	7
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