

# Hazlie Bin Mokhlis

## List of Publications by Year in descending order

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320  
papers

9,309  
citations

43973

48  
h-index

53109

85  
g-index

323  
all docs

323  
docs citations

323  
times ranked

7478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of polynomial regression and MILP for under-frequency load shedding scheme in islanded distribution system. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 659-674.	3.4	9
2	A hybrid deep learning method for an hour ahead power output forecasting of three different photovoltaic systems. <i>Applied Energy</i> , 2022, 307, 118185.	5.1	36
3	Review of microgrid protection strategies: current status and future prospects. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2022, 20, 173.	0.6	0
4	An Hour-Ahead PV Power Forecasting Method Based on an RNN-LSTM Model for Three Different PV Plants. <i>Energies</i> , 2022, 15, 2243.	1.6	41
5	Operational Cost Minimization of Electrical Distribution Network during Switching for Sustainable Operation. <i>Sustainability</i> , 2022, 14, 4196.	1.6	11
6	Optimal coordination of directional overcurrent relay based on combination of Firefly Algorithm and Linear Programming. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101777.	3.5	19
7	Optimized Gated Recurrent Unit for Mid-Term Electricity Price Forecasting. <i>Computer Systems Science and Engineering</i> , 2022, 43, 817-832.	1.9	4
8	Damping of Subsynchronous Resonance in a Hybrid System With a Steam-Turbine Generator and an Offshore Wind Farm Using a Unified Power-Flow Controller. <i>IEEE Transactions on Industry Applications</i> , 2021, 57, 110-120.	3.3	14
9	Optimal Protection Coordination Scheme for Radial Distribution Network Considering ON/OFF-Grid. <i>IEEE Access</i> , 2021, 9, 34921-34937.	2.6	45
10	A Comprehensive Review on Protection Strategies to Mitigate the Impact of Renewable Energy Sources on Interconnected Distribution Networks. <i>IEEE Access</i> , 2021, 9, 35740-35765.	2.6	44
11	Analysis of an Optimal Planning Model for Electric Vehicle Fast-Charging Stations in Al Ain City, United Arab Emirates. <i>IEEE Access</i> , 2021, 9, 73678-73694.	2.6	30
12	A grid-tied photovoltaic transformer-less inverter with reduced leakage current. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 673, 012016.	0.2	4
13	Resilience Based Decision Metrics for dispatching Mobile Emergency Truck Generators in Distribution System. , 2021, , .		2
14	Two-stage fuzzy-logic-based for optimal energy management strategy for SOFC/PV/TEG hybrid polygeneration system with electric charging and hydrogen fueling stations. <i>Journal of Renewable and Sustainable Energy</i> , 2021, 13, 024301.	0.8	5
15	Energy management system of microgrid: Control schemes, pricing techniques, and future horizons. <i>International Journal of Energy Research</i> , 2021, 45, 12728-12739.	2.2	19
16	An improved power control strategy for <scp>gridâ€connected</scp> hybrid microgrid without park transformation and phaseâ€locked loop system. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, e12922.	1.2	32
17	Optimal directional overcurrent relay coordination based on computational intelligence technique: a review. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2021, 29, 1284-1307.	0.9	6
18	Optimal coordination of directional overcurrent relay based on combination of improved particle swarm optimization and linear programming considering multiple characteristics curve. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2021, 29, 1765-1780.	0.9	10

#	ARTICLE	IF	CITATIONS
19	Optimum Distribution System Expansion Planning Incorporating DG Based on N-1 Criterion for Sustainable System. Sustainability, 2021, 13, 6708.	1.6	16
20	Fault Identification in Power Transformers Using Dissolve Gas Analysis and Support Vector Machine. , 2021, , .		4
21	Effect of Static Floating Particle Shapes on Partial Discharge Characteristics in Mineral Oil. , 2021, , .		0
22	Optimization of Grading Ring Design for Metal Oxide Arrester Using Gravitational Search Algorithm. , 2021, , .		1
23	Classification of abnormal location in medium voltage switchgears using hybrid gravitational search algorithm-artificial intelligence. PLoS ONE, 2021, 16, e0253967.	1.1	1
24	Corona Ring Design Impact on the Electric Field Distribution Surrounding an Insulator String. , 2021, , .		0
25	Recent Development in Electricity Price Forecasting Based on Computational Intelligence Techniques in Deregulated Power Market. Energies, 2021, 14, 6104.	1.6	12
26	A Day-Ahead Power Output Forecasting of Three PV Systems Using Regression, Machine Learning and Deep Learning Techniques. Studies in Infrastructure and Control, 2021, , 1-14.	0.4	3
27	Resilience-oriented service restoration modelling interdependent critical loads in distribution systems with integrated distributed generators. IET Generation, Transmission and Distribution, 2021, 15, 1257-1272.	1.4	7
28	An Intelligent Interconnection Module for Multiple Self-healed Interconnected Microgrids. , 2021, , .		3
29	Stability Improvement of a DC Microgrid Fed to a Multimachine Power System Using a STATCOM. , 2021, , .		0
30	Fuzzy Logic-Based Direct Power Control Method for PV Inverter of Grid-Tied AC Microgrid without Phase-Locked Loop. Electronics (Switzerland), 2021, 10, 3095.	1.8	31
31	Optimal Performance of Automatic Generation Control for Two-Area Power System using Particle Swarm Optimization. , 2021, , .		0
32	A Comparative Analysis of Flow-Based Resilience Indices Using Topological and Load Flow Models. , 2021, , .		1
33	Optimal Distribution Networks Expansion Planning with DG for Power Losses Reduction. , 2021, , .		5
34	A Flexible Interconnection and Power Sharing Strategy For Two Autonomous Microgrid Systems. , 2021, , .		4
35	Distribution network reconfiguration based on artificial network reconfiguration for variable load profile. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 3013-3035.	0.9	2
36	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.	3.0	26

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37	Network reconfiguration and DG output including real time optimal switching sequence for system improvement. Australian Journal of Electrical and Electronics Engineering, 2020, 17, 157-172.	0.7	5
38	Performance assessment of three grid-connected photovoltaic systems with combined capacity of 6.575 kWp in Malaysia. Journal of Cleaner Production, 2020, 277, 123242.	4.6	26
39	A Mixed Integer Linear Programming Based Load Shedding Technique for Improving the Sustainability of Islanded Distribution Systems. Sustainability, 2020, 12, 6234.	1.6	14
40	A Novel Multilevel DC-Link Three-Phase T-Type Inverter. Energies, 2020, 13, 4186.	1.6	5
41	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.	2.6	39
42	DQ-axis Synchronous Reference Frame based P-Q Control of Grid Connected AC Microgrid. , 2020, , .		26
43	A two-stage method using biogeography-based optimization for simultaneous network reconfiguration and renewable energy integration. Journal of Renewable and Sustainable Energy, 2020, 12, 035301.	0.8	5
44	Fitness Dependent Optimizer-Based Automatic Generation Control of Multi-Source Interconnected Power System With Non-Linearities. IEEE Access, 2020, 8, 100989-101003.	2.6	43
45	Hybrid feature selectionâ€“artificial intelligenceâ€“gravitational search algorithm technique for automated transformer fault determination based on dissolved gas analysis. IET Generation, Transmission and Distribution, 2020, 14, 1575-1582.	1.4	20
46	Combined analytic hierarchy process and binary particle swarm optimization for multiobjective plug-in electric vehicles charging coordination with time-of-use tariff. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 1314-1330.	0.9	3
47	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.	3.3	12
48	Progress in control and coordination of energy storage systemâ€“based VSG: a review. IET Renewable Power Generation, 2020, 14, 177-187.	1.7	27
49	Fast Optimal Network Reconfiguration With Guided Initialization Based on a Simplified Network Approach. IEEE Access, 2020, 8, 11948-11963.	2.6	40
50	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.	3.3	75
51	Optimized artificial neural network to improve the accuracy of estimated fault impedances and distances for underground distribution system. PLoS ONE, 2020, 15, e0227494.	1.1	15
52	Induction motor fault detection based on multiâ€“sensory control and wavelet analysis. IET Electric Power Applications, 2020, 14, 2051-2061.	1.1	23
53	Stateâ€“ofâ€“theâ€“art review on power system resilience and assessment techniques. IET Generation, Transmission and Distribution, 2020, 14, 6107-6121.	1.4	43
54	Power System Distribution Reliability Enhancement of Pujon Feeder Malang-Indonesia Case Study using Bat and Cuckoo Search Algorithms. , 2020, , .		0

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55	Optimal coordination of EV charging with network reconfiguration. AIP Conference Proceedings, 2019, , .	0.3	3
56	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.	3.3	15
57	Hybrid ANN and Artificial Cooperative Search Algorithm to Forecast Short-Term Electricity Price in De-Regulated Electricity Market. IEEE Access, 2019, 7, 125369-125386.	2.6	40
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.	5.1	43
59	Short-Term Electricity Price Forecasting via Hybrid Backtracking Search Algorithm and ANFIS Approach. IEEE Access, 2019, 7, 77674-77691.	2.6	52
60	Enhancing power system resilience leveraging microgrids: A review. Journal of Renewable and Sustainable Energy, 2019, 11, .	0.8	52
61	Review on forecasting of photovoltaic power generation based on machine learning and metaheuristic techniques. IET Renewable Power Generation, 2019, 13, 1009-1023.	1.7	263
62	Optimal Scheduling of Plug-in Electric Vehicle Charging Including Time-of-Use Tariff to Minimize Cost and System Stress. Energies, 2019, 12, 1500.	1.6	34
63	Optimal battery and fuel cell operation for energy management strategy in MG. IET Generation, Transmission and Distribution, 2019, 13, 997-1004.	1.4	15
64	Analysis of discharge energy on surge arrester configurations in 132kV double circuit transmission lines. Measurement: Journal of the International Measurement Confederation, 2019, 139, 103-111.	2.5	8
65	Addendum: Abubakar, U.; Mekhilef, S.; Mokhlis, H.; Seyedmahmoudian, M.; Horan, B.; Stojcevski, A.; Bassi, H.; Rawa, M.J.H. Transient Faults in Wind Energy Conversion Systems: Analysis, Modelling Methodologies and Remedies. Energies 2018, 11, 2249. Energies, 2019, 12, 286.	1.6	0
66	Damping of Subsynchronous Resonance in a Hybrid System with a Steam-Turbine Generator and an Offshore Wind Farm Using a Unified Power-Flow Controller. , 2019, , .		1
67	Effects of Submarine-Cable Types on Performance of a Future-Scheduled Offshore Wind Farm Connected to Taiwan Power System. , 2019, , .		0
68	Protection Coordination Toward Optimal Network Reconfiguration and DG Sizing. IEEE Access, 2019, 7, 163700-163718.	2.6	24
69	Design of Three Single-phase Power-Factor-Correction Boost Converters Joined with a Controllable Single-phase Inverter for a Self-excited Induction Generator. , 2019, , .		2
70	Enhancement of simultaneous network reconfiguration and DG sizing via Hamming dataset approach and firefly algorithm. IET Generation, Transmission and Distribution, 2019, 13, 5071-5082.	1.4	12
71	A Comprehensive Review and Technical Guideline for Optimal Design and Operations of Fuel Cell-Based Cogeneration Systems. Processes, 2019, 7, 950.	1.3	29
72	Fault location using mathematical analysis and database approach. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2019, 38, 415-430.	0.5	5

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73	Integrated database approach in multi-objective network reconfiguration for distribution system using discrete optimisation techniques. IET Generation, Transmission and Distribution, 2018, 12, 976-986.	1.4	19
74	Optimal fixed charge-rate coordination of plug-in electric vehicle incorporating capacitor and OLTC switching to minimize power loss and voltage deviation. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 963-970.	0.8	6
75	Simultaneous Network Reconfiguration and Sizing of Distributed Generation. Power Systems, 2018, , 279-298.	0.3	1
76	High impedance fault detection and identification based on pattern recognition of phase displacement computation. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 549-560.	0.8	6
77	Minimum switching losses for solving distribution NR problem with distributed generation. IET Generation, Transmission and Distribution, 2018, 12, 1790-1801.	1.4	34
78	Improved UFLS with consideration of power deficit during shedding process and flexible load selection. IET Renewable Power Generation, 2018, 12, 565-575.	1.7	31
79	Multi-Objective Network Reconfiguration with Optimal DG Output Using Meta-Heuristic Search Algorithms. Arabian Journal for Science and Engineering, 2018, 43, 2673-2686.	1.7	16
80	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.	3.3	52
81	Application of load shedding schemes for distribution network connected with distributed generation: A review. Renewable and Sustainable Energy Reviews, 2018, 82, 858-867.	8.2	48
82	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.	1.7	9
83	Fault location in an unbalanced distribution system using support vector classification and regression analysis. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 237-245.	0.8	5
84	Intentional Islanding Solution Based on Modified Discrete Particle Swarm Optimization Technique. , 2018, , .		4
85	Stability Improvement of an Integrated Multiple Offshore Wind Farms and Multiple Seashore Wave Farms Fed to a Power Grid Using a VSC-HVDC Link. , 2018, , .		0
86	Classification and regression analysis using support vector machine for classifying and locating faults in a distribution system. Turkish Journal of Electrical Engineering and Computer Sciences, 2018, 26, 3045-3057.	0.9	5
87	Modal Control Design of Damping Controllers for Thyristor-Controlled Series-Capacitor Module to Stabilize Common-Mode Torsional Oscillations of a Series-Capacitor Compensated Power System. , 2018, , .		1
88	Plug-in Electric Vehicle Charging Coordination Considering Distribution Protection System. , 2018, , .		3
89	Grey Wolf Optimizer Based Battery Energy Storage System Sizing for Economic Operation of Microgrid. , 2018, , .		21
90	Islands Determination for Parallel Power System Restoration using Heuristic Based Strategy. , 2018, , .		3

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91	Integration of a DFIG-based Offshore Wind Farm and a PMSG-based Offshore Wind Farm Connected to a Power Grid through a VSC-HVDC Link. , 2018, , .		0
92	Stability Analysis of a Hybrid Wave-Energy Conversion System with Linear Permanent-magnet Generator Driven by Archimedes Wave Swing and Induction Generator Driven by Wells Turbine. , 2018, , .		2
93	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.	3.9	73
94	Comprehensive review on the optimal integration of distributed generation in distribution systems. Journal of Renewable and Sustainable Energy, 2018, 10, .	0.8	15
95	Transient Faults in Wind Energy Conversion Systems: Analysis, Modelling Methodologies and Remedies. Energies, 2018, 11, 2249.	1.6	8
96	Power System Restoration Planning Strategy Based on Optimal Energizing Time of Sectionalizing Islands. Energies, 2018, 11, 1316.	1.6	11
97	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.	1.6	24
98	A New Under-Frequency Load Shedding Scheme Based on Adaptive Neuro-Fuzzy Inference System and Evolutionary Programming Shedding Priority. IOP Conference Series: Earth and Environmental Science, 2018, 164, 012015.	0.2	2
99	A Power System Network Splitting Strategy Based on Contingency Analysis. Energies, 2018, 11, 434.	1.6	6
100	A Four-Level T-Type Neutral Point Piloted Inverter for Solar Energy Applications. Energies, 2018, 11, 1546.	1.6	5
101	Optimal under voltage load shedding scheme for a distribution network using EPSO algorithm. , 2018, , .		8
102	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.	8.2	42
103	A Smart Under-Frequency Load Shedding Scheme based on Takagi-Sugeno Fuzzy Inference System and Flexible Load Priority. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.5	0
104	Service Restoration Based on Simultaneous Network Reconfiguration and Distributed Generation Sizing for Loss Minimization Using a Modified Genetic Algorithm. Advanced Structured Materials, 2018, , 239-258.	0.3	1
105	Optimal Charging Schedule Coordination of Electric Vehicles in Smart Grid. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 82.	0.7	6
106	Discrete Evolutionary Programming for Network Splitting Strategy: Different Mutation Technique. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 261.	0.7	0
107	Intentional Islanding Methods as Post Fault Remedial Action: A Review. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 12, 182.	0.7	0
108	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.	0.8	8

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109	Fault location and detection techniques in power distribution systems with distributed generation: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 74, 949-958.	8.2	212
110	Optimal reconfiguration of distribution system connected with distributed generations: A review of different methodologies. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 854-867.	8.2	159
111	Performance investigation of ABC algorithm in multi-area power system with multiple interconnected generators. <i>Applied Soft Computing Journal</i> , 2017, 57, 436-451.	4.1	22
112	High Impedance Fault Localization Using Discrete Wavelet Transform for Single Line to Ground Fault. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 5031-5044.	1.7	6
113	A new under-voltage load shedding scheme for islanded distribution system based on voltage stability indices. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2017, 12, 665-675.	0.8	12
114	Mix-mode energy management strategy and battery sizing for economic operation of grid-tied microgrid. <i>Energy</i> , 2017, 118, 1322-1333.	4.5	128
115	Fuzzy-Logic-Based UPFC and Laboratory Prototype Validation for Dynamic Power Flow Control in Transmission Lines. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 9538-9548.	5.2	64
116	Optimization strategies for Solid Oxide Fuel Cell (SOFC) application: A literature survey. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 76, 460-484.	8.2	222
117	Load shedding scheme based on rate of change of frequency and ranked stability index for islanded distribution system connected to mini hydro. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2017, 12, 347-356.	0.8	3
118	Optimal switching sequence path for distribution network reconfiguration considering different types of distributed generation. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2017, 12, 874-882.	0.8	9
119	Parallel power system restoration planning using heuristic initialization and discrete evolutionary programming. <i>Journal of Modern Power Systems and Clean Energy</i> , 2017, 5, 991-1003.	3.3	6
120	IZDPWM-Based Feedforward Controller for Grid-Connected Inverters Under Unbalanced and Distorted Conditions. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 14-21.	5.2	16
121	A New Centralized Adaptive Underfrequency Load Shedding Controller for Microgrids Based on a Distribution State Estimator. <i>IEEE Transactions on Power Delivery</i> , 2017, 32, 370-380.	2.9	69
122	Inertia response and frequency control techniques for renewable energy sources: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 69, 144-155.	8.2	583
123	Passive islanding detection technique for synchronous generators based on performance ranking of different passive parameters. <i>IET Generation, Transmission and Distribution</i> , 2017, 11, 4175-4183.	1.4	29
124	Modeling and analysis of fault current limiter as a short-circuit protection device: A case study at the sengkaling substation, Malang, Indonesia. , 2017, , .		1
125	Proposed new $N$ -multilevel family of topologies for T-type inverter. <i>IEICE Electronics Express</i> , 2017, 14, 20170342-20170342.	0.3	5
126	Application of Meta-Heuristic Techniques for Optimal Load Shedding in Islanded Distribution Network with High Penetration of Solar PV Generation. <i>Energies</i> , 2017, 10, 150.	1.6	21



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127	Frequency Regulation Strategies in Grid Integrated Offshore Wind Turbines via VSC-HVDC Technology: A Review. <i>Energies</i> , 2017, 10, 1244.	1.6	19
128	A Fuzzy-Based PI Controller for Power Management of a Grid-Connected PV-SOFC Hybrid System. <i>Energies</i> , 2017, 10, 1720.	1.6	17
129	Progress on Protection Strategies to Mitigate the Impact of Renewable Distributed Generation on Distribution Systems. <i>Energies</i> , 2017, 10, 1864.	1.6	51
130	Intermittent Smoothing Approaches for Wind Power Output: A Review. <i>Energies</i> , 2017, 10, 1572.	1.6	53
131	Load shedding scheme based on frequency and voltage stability for an islanding operation of a distribution network connected to mini-hydro generation. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2017, 25, 1852-1863.	0.9	4
132	Impact of Distributed Generation on Voltage Profile in Radial Feeder. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2017, 6, 583.	0.7	6
133	Fault Distance Identification Using Impedance and Matching Approaches on Distribution Network. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2017, 8, 770.	0.7	1
134	Studies on the application of wavelet families for a high impedance fault location algorithm in a distribution network. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016, 24, 5043-5054.	0.9	6
135	Determination of the striking distance of a lightning rod using finite element analysis. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2016, 24, 4083-4097.	0.9	4
136	A comparative study for current transformer dimensioning in overcurrent relay. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2016, 11, S43.	0.8	1
137	Graph theory-based radial load flow analysis to solve the dynamic network reconfiguration problem. <i>International Transactions on Electrical Energy Systems</i> , 2016, 26, 783-808.	1.2	19
138	Lightning back flashover tripping patterns on a 275/132 kV quadruple circuit transmission line in Malaysia. <i>IET Science, Measurement and Technology</i> , 2016, 10, 344-354.	0.9	19
139	Partial discharge phenomena within an artificial void in cable insulation geometry: experimental validation and simulation. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016, 23, 451-459.	1.8	67
140	Optimum tie switches allocation and DG placement based on maximisation of system loadability using discrete artificial bee colony algorithm. <i>IET Generation, Transmission and Distribution</i> , 2016, 10, 2277-2284.	1.4	47
141	Optimum distribution network operation considering distributed generation mode of operations and safety margin. <i>IET Renewable Power Generation</i> , 2016, 10, 1049-1058.	1.7	12
142	Minimum-features-based ANN-PSO approach for islanding detection in distribution system. <i>IET Renewable Power Generation</i> , 2016, 10, 1255-1263.	1.7	30
143	Prioritization of different passive parameters for islanding detection on the basis of response analysis. , 2016, , .		9
144	A review on voltage control methods using on-load tap changer transformers for networks with renewable energy sources. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 62, 1154-1161.	8.2	62

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145	Mitigating methods of power fluctuation of photovoltaic (PV) sources – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 1170-1184.	8.2	312
146	A Sensitivity Analysis of Different Power System Parameters on Islanding Detection. <i>IEEE Transactions on Sustainable Energy</i> , 2016, 7, 461-470.	5.9	75
147	Photovoltaic electricity generator dynamic modeling methods for smart grid applications: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 57, 131-172.	8.2	59
148	Photovoltaic penetration issues and impacts in distribution network – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 53, 594-605.	8.2	387
149	Optimal Placement of Unified Power Flow Controller by Dynamic Implementation of System-Variable-Based Voltage-Stability Indices to Enhance Voltage Stability. <i>Journal of Testing and Evaluation</i> , 2016, 44, 290-309.	0.4	3
150	Comparison of Mamdani-Type and Sugeno-Type Fuzzy Inference Systems for Transformer Tap Changing System. <i>International Journal of Advances in Applied Sciences</i> , 2016, 5, 163.	0.2	0
151	Optimal Placement of Unified Power Flow Controllers to Improve Dynamic Voltage Stability Using Power System Variable Based Voltage Stability Indices. <i>PLoS ONE</i> , 2015, 10, e0123802.	1.1	20
152	Transformer Incipient Fault Prediction Using Combined Artificial Neural Network and Various Particle Swarm Optimisation Techniques. <i>PLoS ONE</i> , 2015, 10, e0129363.	1.1	52
153	Gravitational Search Algorithm and Selection Approach for Optimal Distribution Network Configuration Based on Daily Photovoltaic and Loading Variation. <i>Journal of Applied Mathematics</i> , 2015, 2015, 1-11.	0.4	7
154	An islanding detection strategy for distribution network connected with hybrid DG resources. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 45, 662-676.	8.2	32
155	Progress on power swing blocking schemes and the impact of renewable energy on power swing characteristics: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 52, 280-288.	8.2	26
156	Feedforward of grid line-to-line voltages for grid-connected inverter under the weak grid condition. , 2015, , .		1
157	A new strategy for islanding operation of distribution network connected with rotating type DG. , 2015, , .		1
158	Partial discharge classifications: Review of recent progress. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015, 68, 164-181.	2.5	165
159	Solving Unit Commitment Problem Using Multi-agent Evolutionary Programming Incorporating Priority List. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 3247-3261.	1.1	15
160	Application of signal processing techniques for islanding detection of distributed generation in distribution network: A review. <i>Energy Conversion and Management</i> , 2015, 96, 613-624.	4.4	136
161	A new technique for islanding operation of distribution network connected with mini hydro. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2015, 16, 418-427.	1.5	4
162	Determination of partial discharge time lag in void using physical model approach. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2015, 22, 463-471.	1.8	49

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163	Determination of surge arrester discharge energy using finite element analysis method. IET Science, Measurement and Technology, 2015, 9, 693-701.	0.9	14
164	Enhancing power transfer capability through flexible AC transmission system devices: a review. Frontiers of Information Technology and Electronic Engineering, 2015, 16, 658-678.	1.5	54
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