

Mohamed Shawky El Moursi

List of Publications by Year in descending order

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174
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#	ARTICLE	IF	CITATIONS
1	A Novel Control Technique for Enhancing the Operation of MTDC Grids. IEEE Transactions on Power Systems, 2023, 38, 559-571.	4.6	3
2	Primary Frequency Support Strategy for MTDC System With Enhanced DC Voltage Response. IEEE Transactions on Power Systems, 2023, 38, 1512-1528.	4.6	1
3	Deep Learning-Based PMU Cyber Security Scheme Against Data Manipulation Attacks With WADC Application. IEEE Transactions on Power Systems, 2023, 38, 2148-2161.	4.6	6
4	An Improved Frequency Support Algorithm for MT-HVDC Systems. IEEE Transactions on Power Delivery, 2022, 37, 1916-1929.	2.9	3
5	Multifunctional Control of Wind-Turbine Based Nano-Grid Connected to Distorted Utility-Grid. IEEE Transactions on Power Systems, 2022, 37, 576-589.	4.6	4
6	Single-Phase Transfer Delay FLL With Enhanced Performance for Power System Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 349-360.	3.7	6
7	A Novel Multiport Converter Interface for Solar Panels of CubeSat. IEEE Transactions on Power Electronics, 2022, 37, 629-643.	5.4	9
8	Parameter Estimation of Vehicle Batteries in V2G Systems: An Exogenous Function-Based Approach. IEEE Transactions on Industrial Electronics, 2022, 69, 9535-9546.	5.2	16
9	A Comprehensive Review on CubeSat Electrical Power System Architectures. IEEE Transactions on Power Electronics, 2022, 37, 3161-3177.	5.4	24
10	Review Map of Comparative Designs for Wireless High-Power Transfer Systems in EV Applications: Maximum Efficiency, ZPA, and CC/CV Modes at Fixed Resonance Frequency Independent From Coupling Coefficient. IEEE Transactions on Power Electronics, 2022, 37, 4857-4876.	5.4	42
11	Enhanced DC Voltage Regulation and Transient Response for Multi-Terminal VSC-HVDC System Using Direct Power Control. IEEE Transactions on Power Systems, 2022, 37, 2538-2548.	4.6	7
12	Enhancing Lifetime of 1U/2U CubeSat Electric Power System With Distributed Architecture and Power-Down Mode. IEEE Transactions on Industry Applications, 2022, 58, 901-913.	3.3	5
13	Efficient Bit Loading Algorithm for OFDM-NOMA Systems With BER Constraints. IEEE Transactions on Vehicular Technology, 2022, 71, 423-436.	3.9	9
14	Energy Management Strategy of a Reconfigurable Grid-Tied Hybrid AC/DC Microgrid for Commercial Building Applications. IEEE Transactions on Smart Grid, 2022, 13, 1720-1738.	6.2	20
15	A Novel 1- Dual Input Nine-Level Inverter Topology with Generalized Modulation Technique. IEEE Transactions on Energy Conversion, 2022, , 1-1.	3.7	6
16	Optimal PMU Allocation Strategy for Completely Observable Networks With Enhanced Transient Stability Characteristics. IEEE Transactions on Power Delivery, 2022, 37, 4086-4102.	2.9	10
17	A fully decentralized machine learning algorithm for optimal power flow with cooperative information exchange. International Journal of Electrical Power and Energy Systems, 2022, 139, 107990.	3.3	10
18	A Single Stage Doubly Grounded Transformerless Inverter Topology With Buck-Boost Voltage Capability for Grid Connected PV Systems. IEEE Transactions on Power Delivery, 2022, 37, 5044-5058.	2.9	7

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19	Direct Torque Control With Constant Switching Frequency for Three-to-Five Phase Direct Matrix Converter Fed Five-Phase Induction Motor Drive. IEEE Transactions on Power Electronics, 2022, 37, 11019-11033.	5.4	34
20	Reduced-Order Generalized Integrator-Based Phase-Locked Loop: Performance Improvement for Grid Synchronization of Single-Phase Inverters. IEEE Transactions on Power Delivery, 2022, 37, 4382-4393.	2.9	6
21	An Analytical Approach for Frequency Estimation of Modern Power Grid. IEEE Transactions on Power Systems, 2022, 37, 4094-4097.	4.6	3
22	NOMA Receiver Design for Delay-Sensitive Systems. IEEE Systems Journal, 2021, 15, 5606-5617.	2.9	21
23	A Novel Power-Based Orthogonal Signal Generator for Single-Phase Systems. IEEE Transactions on Power Delivery, 2021, 36, 469-472.	2.9	16
24	Advanced Type-1c FLL for Enhancing Converters Synchronization During Frequency Drift. IEEE Transactions on Power Delivery, 2021, 36, 1063-1078.	2.9	14
25	Design, implementation and performance analysis of shunt active filter based on a matrix converter. International Journal of Electronics, 2021, 108, 395-410.	0.9	1
26	Refurbishing three-phase synchronous reluctance machines to multiphase machines. Electrical Engineering, 2021, 103, 139-152.	1.2	14
27	Selective Frequency Support Approach for MTDC Systems Integrating Wind Generation. IEEE Transactions on Power Systems, 2021, 36, 366-378.	4.6	12
28	A New Communication-Free Dual Setting Protection Coordination of Microgrid. IEEE Transactions on Power Delivery, 2021, 36, 2446-2458.	2.9	26
29	Incentive Based Demand Response Program for Power System Flexibility Enhancement. IEEE Transactions on Smart Grid, 2021, 12, 2212-2223.	6.2	23
30	High-Efficiency Single-Phase Matrix Converter With Diverse Symmetric Bipolar Buck and Boost Operations. IEEE Transactions on Power Electronics, 2021, 36, 4300-4315.	5.4	13
31	A New δ -MRAS Method for Motor Speed Estimation. IEEE Transactions on Power Delivery, 2021, 36, 1903-1906.	2.9	9
32	Energy Management of Grid Interconnected Multi-Microgrids Based on P2P Energy Exchange: A Data Driven Approach. IEEE Transactions on Power Systems, 2021, 36, 1546-1562.	4.6	45
33	A High-Frequency Isolated Multilevel Cascaded-Type Bipolar Direct PWM AC-AC Converter for Utility Voltage Compensation. IEEE Transactions on Industry Applications, 2021, 57, 3188-3201.	3.3	15
34	Enhanced Performance of Charging Stations via Converter Control Under Unbalanced and Harmonic Distorted Grids. IEEE Transactions on Power Delivery, 2021, 36, 3964-3976.	2.9	15
35	A Novel Single-Phase Voltage Boosting Transformerless Inverter Topology for Grid-connected Solar PV Application. , 2021, , .		2
36	Novel Optimal PMU Placement Approach Based on the Network Parameters for Enhanced System Observability and Wide Area Damping Control Capability. IEEE Transactions on Power Systems, 2021, 36, 5345-5358.	4.6	13

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37	Co-optimisation of wind farm micro-siting and cabling layouts. IET Renewable Power Generation, 2021, 15, 1848-1860.	1.7	10
38	Enhanced transient response and seamless interconnection of multi-microgrids based on an adaptive control scheme. IET Renewable Power Generation, 2021, 15, 2452-2467.	1.7	4
39	Comparison of Peak Power Tracking Based Electric Power System Architectures for CubeSats. IEEE Transactions on Industry Applications, 2021, 57, 2758-2768.	3.3	13
40	Performance Analysis of a Five-phase Synchronous Reluctance Motor Connected to Matrix Converter. , 2021, , .		6
41	Novel Step-Up Transformerless Inverter Topology for 1- ϕ Grid-Connected Photovoltaic System. IEEE Transactions on Industry Applications, 2021, 57, 2801-2815.	3.3	12
42	A vision of flexible dispatchable hybrid solar-wind-energy storage power plant. IET Renewable Power Generation, 2021, 15, 2983-2996.	1.7	7
43	Precise modeling of PEM fuel cell using improved chaotic MayFly optimization algorithm. International Journal of Energy Research, 2021, 45, 18754-18769.	2.2	43
44	Renewable Energy Management System: Optimum Design and Hourly Dispatch. IEEE Transactions on Sustainable Energy, 2021, 12, 1615-1628.	5.9	40
45	Online DMDc Based Model Identification Approach for Transient Stability Enhancement Using Wide Area Measurements. IEEE Transactions on Power Systems, 2021, 36, 4884-4887.	4.6	5
46	Single-Phase Symmetric-Bipolar-Type High-Frequency Isolated Buck-Boost AC-AC Converter With Continuous Input and Output Currents. IEEE Transactions on Power Electronics, 2021, 36, 11579-11592.	5.4	12
47	Switching-Cell Buck-Boost AC-AC Converter With Common-Ground and Noninverting/Inverting Operations. IEEE Transactions on Power Electronics, 2021, 36, 13944-13957.	5.4	15
48	Single-Phase Photovoltaic Inverters With Common-Ground and Wide Buck-Boost Voltage Operation. IEEE Transactions on Industrial Informatics, 2021, 17, 8275-8287.	7.2	21
49	Comparative Analysis of Refurbishing Methods of Three-Phase Synchronous Reluctance Machines to Five-Phase With Minimum Cost. IEEE Transactions on Industry Applications, 2021, 57, 6007-6022.	3.3	10
50	Modeling and Control of Multi-functional 3- ϕ Grid-Connected Photovoltaic Power System. , 2021, , .		3
51	A New Multiport DC-DC Converter for DC Microgrid Applications. , 2021, , .		8
52	Individual Functions Method for Power System Transient Stability Assessment. IEEE Transactions on Power Systems, 2020, 35, 1264-1273.	4.6	5
53	Cross-Gramian Model Reduction Approach for Tuning Power System Stabilizers in Large Power Networks. IEEE Transactions on Power Systems, 2020, 35, 1911-1922.	4.6	15
54	Communication-Free Current Sharing Control Strategy for DC Microgrids and Its Application for AC/DC Hybrid Microgrids. IEEE Transactions on Power Systems, 2020, 35, 140-151.	4.6	43

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55	Online Coherency Based Adaptive Wide Area Damping Controller for Transient Stability Enhancement. IEEE Transactions on Power Systems, 2020, 35, 3100-3113.	4.6	16
56	A Reliable Single-Phase Bipolar Buck-Boost Direct PWM AC-AC Converter With Continuous Input/Output Currents. IEEE Transactions on Industrial Electronics, 2020, 67, 10253-10265.	5.2	17
57	Benchmark model for multi-orbital transient analysis of satellite electrical power subsystem. IET Renewable Power Generation, 2020, 14, 286-296.	1.7	3
58	Performance Improvement of Existing Three Phase Synchronous Reluctance Machine: Stator Upgrading to 5-Phase With Combined Star-Pentagon Winding. IEEE Access, 2020, 8, 143569-143583.	2.6	22
59	Family of single-phase isolated high-frequency transformer integrated improved magnetically coupled Z-source ac converters. IET Power Electronics, 2020, 13, 1901-1910.	1.5	6
60	Exact Bit Error-Rate Analysis of Two-User NOMA Using QAM With Arbitrary Modulation Orders. IEEE Communications Letters, 2020, 24, 2705-2709.	2.5	47
61	A New Step-Up Transformerless Inverter Topology for 1- ϕ Grid-connected Solar Photovoltaic System. , 2020, , .		4
62	A Unified Online Deep Learning Prediction Model for Small Signal and Transient Stability. IEEE Transactions on Power Systems, 2020, 35, 4585-4598.	4.6	69
63	Gain compensation approach for low-voltage ride-through and dynamic performance improvement of three-phase type-3 PLL. IET Power Electronics, 2020, 13, 1613-1621.	1.5	9
64	Further Optimized Scheduling of Micro Grids via Dispatching Virtual Electricity Storage Offered by Deferrable Power-Driven Demands. IEEE Transactions on Power Systems, 2020, 35, 3494-3505.	4.6	32
65	A Novel Single-Stage Buck-Boost Transformerless Inverter for 1- ϕ Grid-Connected Solar PV Systems. , 2020, , .		4
66	A Dynamic Coordination Control Architecture for Reactive Power Capability Enhancement of the DFIG-Based Wind Power Generation. IEEE Transactions on Power Systems, 2020, 35, 3051-3064.	4.6	67
67	Optimal Design of an Islanded Microgrid With Load Shifting Mechanism Between Electrical and Thermal Energy Storage Systems. IEEE Transactions on Power Systems, 2020, 35, 2642-2657.	4.6	53
68	New self-balancing 7-level inverter with coupled inductors for 1- ϕ grid-connected renewable energy systems with voltage boosting capability. IET Power Electronics, 2020, 13, 899-908.	1.5	3
69	Sharing of the loading of asynchronous ac microgrids connected through dc microgrids. , 2020, , .		0
70	An On-Board Fast Charger using New Bridgeless PFC Converter with Reduced DC-Link Capacitance. , 2020, , .		3
71	Comprehensive design and control methodology for DC-powered satellite electrical subsystem based on PV and battery. IET Renewable Power Generation, 2020, 14, 2202-2210.	1.7	10
72	An Overview of Modular Multilevel Converters in HVDC Transmission Systems With STATCOM Operation During Pole-to-Pole DC Short Circuits. IEEE Transactions on Power Electronics, 2019, 34, 4137-4160.	5.4	120

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73	Linear-Quadratic Regulator Algorithm-Based Cascaded Control Scheme for Performance Enhancement of a Variable-Speed Wind Energy Conversion System. Arabian Journal for Science and Engineering, 2019, 44, 2281-2293.	1.7	19
74	A New Type-2 PLL Based on Unit Delay Phase Angle Error Compensation During the Frequency Ramp. IEEE Transactions on Power Systems, 2019, 34, 3289-3293.	4.6	32
75	Exact BER Performance Analysis for Downlink NOMA Systems Over Nakagami- m Fading Channels. IEEE Access, 2019, 7, 134539-134555.	2.6	82
76	A New Fault Ride-Through (FRT) Topology for Induction Generator Based Wind Energy Conversion Systems. IEEE Transactions on Power Delivery, 2019, 34, 1129-1137.	2.9	26
77	A Submodule-Capacitor Voltage Balancing Strategy for Alternative-Arm Converters in HVDC Systems. IEEE Transactions on Power Delivery, 2019, 34, 795-806.	2.9	5
78	A Review of Power System Flexibility With High Penetration of Renewables. IEEE Transactions on Power Systems, 2019, 34, 3140-3155.	4.6	258
79	Alternating Submodule Configuration Based MMCs With Carrier-Phase-Shift Modulation in HVdc Systems for DC-Fault Ride-Through Capability. IEEE Transactions on Industrial Informatics, 2019, 15, 5214-5224.	7.2	21
80	A New High Gain Transformerless Inverter for Single Phase Grid-connected Solar PV Application. , 2019, , .		5
81	Average voltage regulation in droop-controlled MTDC grids. , 2019, , .		0
82	mixed- ϵ sensitivity robust control design for damping low-frequency oscillations with DFIG wind power generation. IET Generation, Transmission and Distribution, 2019, 13, 4274-4286.	1.4	24
83	Generator-based threshold for transient stability assessment. IET Smart Grid, 2019, 2, 407-419.	1.5	7
84	Performance Analysis of Transformer-less Dynamic Voltage Restorer. , 2019, , .		0
85	A proposed Transformer-less Dynamic Voltage Restorer to Voltage Sag/swell Mitigation. , 2019, , .		4
86	A New Index of Power System Flexibility: Response Delay (θ) of Distributed Devices. , 2019, , .		2
87	An Adaptive Fuzzy Logic Control Strategy for Performance Enhancement of a Grid-Connected PMSG-Based Wind Turbine. IEEE Transactions on Industrial Informatics, 2019, 15, 3163-3173.	7.2	129
88	A Control Strategy for Voltage Unbalance Mitigation in an Islanded Microgrid Considering Demand Side Management Capability. IEEE Transactions on Smart Grid, 2019, 10, 2558-2568.	6.2	65
89	A Fast Recovery Technique for Grid-Connected Converters After Short Dips Using a Hybrid Structure PLL. IEEE Transactions on Industrial Electronics, 2018, 65, 3056-3068.	5.2	21
90	DC Voltage Regulation and Frequency Support in Pilot Voltage Droop-Controlled Multiterminal HVdc Systems. IEEE Transactions on Power Delivery, 2018, 33, 1153-1164.	2.9	60

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91	A Novel Dynamic Switching Table Based Direct Power Control Strategy for Grid Connected Converters. IEEE Transactions on Energy Conversion, 2018, 33, 1086-1097.	3.7	24
92	Dynamic Security-Constrained Automatic Generation Control (AGC) of Integrated AC/DC Power Networks. IEEE Transactions on Power Systems, 2018, 33, 3875-3885.	4.6	19
93	Control Approach for the Multi-Terminal HVDC System for the Accurate Power Sharing. IEEE Transactions on Power Systems, 2018, 33, 4323-4334.	4.6	30
94	Tracking the performance of photovoltaic systems: a tool for minimising the risk of malfunctions and deterioration. IET Renewable Power Generation, 2018, 12, 815-822.	1.7	6
95	Adaptive Low-Pass Filter Based DC Offset Removal Technique for Three-Phase PLLs. IEEE Transactions on Industrial Electronics, 2018, 65, 9025-9029.	5.2	31
96	Critical Loading Characterization for MTDC Converters Using Trajectory Sensitivity Analysis. IEEE Transactions on Power Delivery, 2018, 33, 1962-1972.	2.9	7
97	Reduced-Order Model for Inter-Inverter Oscillations in Islanded Droop-Controlled Microgrids. IEEE Transactions on Smart Grid, 2018, 9, 4953-4963.	6.2	50
98	Obtaining Performance of Type-3 Phase-Locked Loop Without Compromising the Benefits of Type-2 Control System. IEEE Transactions on Power Electronics, 2018, 33, 1788-1796.	5.4	42
99	Coordinated Frequency Control Strategy for an Islanded Microgrid With Demand Side Management Capability. IEEE Transactions on Energy Conversion, 2018, 33, 639-651.	3.7	48
100	Domain of Stability Characterization for Hybrid Microgrids Considering Different Power Sharing Conditions. IEEE Transactions on Energy Conversion, 2018, 33, 312-323.	3.7	37
101	Multiobjective Dynamic VAR Planning Strategy With Different Shunt Compensation Technologies. IEEE Transactions on Power Systems, 2018, 33, 2429-2439.	4.6	22
102	A Modified DPC Switching Technique Based on Optimal Transition Route for of 3L-NPC Converters. IEEE Transactions on Power Electronics, 2018, 33, 1902-1906.	5.4	8
103	Adaptive Voltage and Frequency Control of Islanded Multi-Microgrids. IEEE Transactions on Power Systems, 2018, 33, 4454-4465.	4.6	75
104	Hill Climbing Power Flow Algorithm for Hybrid DC/AC Microgrids. IEEE Transactions on Power Electronics, 2018, 33, 5532-5537.	5.4	23
105	An Efficient Topology of Modular-Multilevel Converter with Alternative Arm Operation. , 2018, , .		1
106	Simultaneous voltage regulation and power sharing control algorithm for MTDC grids. , 2018, , .		1
107	Active distribution network with efficient utilisation of distributed generation ancillary services. IET Smart Grid, 2018, 1, 151-158.	1.5	3
108	SBO-based selective harmonic elimination for nine levels asymmetrical cascaded H-bridge multilevel inverter. Australian Journal of Electrical and Electronics Engineering, 2018, 15, 131-143.	0.7	10

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109	A Novel DC Fault Ride-Through Scheme for MTDC Networks Connecting Large-Scale Wind Parks. IEEE Transactions on Sustainable Energy, 2017, 8, 1086-1095.	5.9	34
110	Conservation Voltage Reduction for Autonomous Microgrids Based on V _{dc} Droop Characteristics. IEEE Transactions on Sustainable Energy, 2017, 8, 1076-1085.	5.9	46
111	Dynamic VAR planning for rotor-angle and short-term voltage stability enhancement. , 2017, , .		3
112	Cooperation-Driven Distributed Control Scheme for Large-Scale Wind Farm Active Power Regulation. IEEE Transactions on Energy Conversion, 2017, 32, 1240-1250.	3.7	27
113	Frequency Adaptive CDSC-PLL Using Axis Drift Control Under Adverse Grid Condition. IEEE Transactions on Industrial Electronics, 2017, 64, 2671-2682.	5.2	45
114	A New PV System Configuration Based on Submodule Integrated Converters. IEEE Transactions on Power Electronics, 2017, 32, 3278-3284.	5.4	30
115	Design considerations of superconducting fault current limiters for power system stability enhancement. IET Generation, Transmission and Distribution, 2017, 11, 2155-2163.	1.4	32
116	Fault Ride Through and Grid Support Topology for the VSC-HVDC Connected Offshore Wind Farms. IEEE Transactions on Power Delivery, 2017, 32, 1592-1604.	2.9	53
117	A Novel Centralized PV Power Plant Controller for Reducing the Voltage Unbalance Factor at Transmission Level Interconnection. IEEE Transactions on Energy Conversion, 2017, 32, 233-243.	3.7	29
118	Dynamic analysis of OLTC and voltage regulator under active network management considering different load profiles. , 2017, , .		4
119	An experimental investigation of a self-excited synchronous generator: Loading characteristics and output voltage harmonics. , 2017, , .		0
120	A review of multilevel inverter topologies, control techniques, and applications. , 2017, , .		67
121	Coordinated control for frequency regulation in microgrids using RES, battery storage and demand response. , 2017, , .		0
122	A modified space vector modulation algorithm for a matrix converter with lower total harmonic distortion. , 2016, , .		11
123	Adaptive cascaded delayed signal cancelation PLL based fuzzy controller under grid disturbances. , 2016, , .		6
124	Performance analysis of inverter fed from wind energy system. , 2016, , .		7
125	A Nine Switch Converter-Based Fault Ride Through Topology for Wind Turbine Applications. IEEE Transactions on Power Delivery, 2016, 31, 1757-1766.	2.9	27
126	Novel Power Smoothing and Generation Scheduling Strategies for a Hybrid Wind and Marine Current Turbine System. IEEE Transactions on Power Systems, 2016, , 1-1.	4.6	17

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127	Wind speed and solar irradiance forecasting techniques for enhanced renewable energy integration with the grid: a review. IET Renewable Power Generation, 2016, 10, 885-989.	1.7	133
128	Review of grid-tied converter topologies used in photovoltaic systems. IET Renewable Power Generation, 2016, 10, 1543-1551.	1.7	87
129	Enhanced critical clearing time estimation and fault recovery strategy for an inverter-based microgrid with IM load. , 2016, , .		5
130	A Novel Type-1 Frequency-Locked Loop for Fast Detection of Frequency and Phase With Improved Stability Margins. IEEE Transactions on Power Electronics, 2016, 31, 2550-2561.	5.4	92
131	Dispatching and Frequency Control Strategies for Marine Current Turbines Based on Doubly Fed Induction Generator. IEEE Transactions on Sustainable Energy, 2016, 7, 262-270.	5.9	16
132	Toward Simulation-Free Estimation of Critical Clearing Time. IEEE Transactions on Power Systems, 2016, 31, 4722-4731.	4.6	31
133	Advanced Fault Ride-Through Management Scheme for VSC-HVDC Connecting Offshore Wind Farms. IEEE Transactions on Power Systems, 2016, 31, 4923-4934.	4.6	55
134	Stability Evaluation of Interconnected Multi-Inverter Microgrids Through Critical Clusters. IEEE Transactions on Power Systems, 2016, 31, 3060-3072.	4.6	101
135	An integrated system configuration for electric springs to enhance the stability in future smart grid. , 2015, , .		5
136	A Parallel Capacitor Control Strategy for Enhanced FRT Capability of DFIG. IEEE Transactions on Sustainable Energy, 2015, 6, 303-312.	5.9	77
137	Voltage booster scheme for enhancing the fault ride-through of wind turbines. IET Power Electronics, 2015, 8, 1853-1863.	1.5	14
138	Adaptive Roles of Islanded Microgrid Components for Voltage and Frequency Transient Responses Enhancement. IEEE Transactions on Industrial Informatics, 2015, 11, 1298-1312.	7.2	29
139	Utilization of reactive power resources of distributed generation for voltage collapse prevention in optimal power flow. , 2015, , .		3
140	A New Protection Scheme Considering Fault Ride Through Requirements for Transmission Level Interconnected Wind Parks. IEEE Transactions on Industrial Informatics, 2015, 11, 1324-1333.	7.2	59
141	A novel transient control strategy for VSC-HVDC connecting offshore wind power plant. , 2015, , .		3
142	A Hierarchical Control Strategy With Fault Ride-Through Capability for Variable Frequency Transformer. IEEE Transactions on Energy Conversion, 2015, 30, 132-141.	3.7	23
143	Novel Coordinated Voltage Control for Hybrid Micro-Grid With Islanding Capability. IEEE Transactions on Smart Grid, 2015, 6, 1116-1127.	6.2	50
144	Novel Fault Ride-Through Scheme and Control Strategy for Doubly Fed Induction Generator-Based Wind Turbine. IEEE Transactions on Energy Conversion, 2015, 30, 635-645.	3.7	62

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145	A Novel Droop-Based Average Voltage Sharing Control Strategy for DC Microgrids. IEEE Transactions on Smart Grid, 2015, 6, 1096-1106.	6.2	171
146	Subsynchronous Resonance Mitigation for Series-Compensated DFIG-Based Wind Farm by Using Two-Degree-of-Freedom Control Strategy. IEEE Transactions on Power Systems, 2015, 30, 1442-1454.	4.6	144
147	Optimal allocation of HTS-FCL for power system security and stability enhancement. , 2014, , .		2
148	A Dynamic Master/Slave Reactive Power-Management Scheme for Smart Grids With Distributed Generation. IEEE Transactions on Power Delivery, 2014, 29, 1157-1167.	2.9	73
149	Hybrid microgrid operation characterisation based on stability and adherence to grid codes. IET Generation, Transmission and Distribution, 2014, 8, 563-572.	1.4	26
150	Novel Configuration and Transient Management Control Strategy for VSC-HVDC. IEEE Transactions on Power Systems, 2014, 29, 2478-2488.	4.6	34
151	Fault Ride-Through Configuration and Transient Management Scheme for Self-Excited Induction Generator-Based Wind Turbine. IEEE Transactions on Sustainable Energy, 2014, 5, 148-159.	5.9	22
152	Application of Series Voltage Boosting Schemes for Enhanced Fault Ridethrough Performance of Fixed Speed Wind Turbines. IEEE Transactions on Power Delivery, 2014, 29, 61-71.	2.9	29
153	Power Factor Correction Using Predictive Current Control for Three-phase Induction Motor Drive System. Electric Power Components and Systems, 2014, 42, 190-202.	1.0	8
154	Hybrid HTS-FCL Configuration With Adaptive Voltage Compensation Capability. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-8.	1.1	14
155	Novel coordinated secondary voltage control strategy for efficient utilisation of distributed generations. IET Renewable Power Generation, 2014, 8, 569-579.	1.7	22
156	A Novel Transient Control Strategy for VSC-HVDC Connecting Offshore Wind Power Plant. IEEE Transactions on Sustainable Energy, 2014, 5, 1056-1069.	5.9	68
157	Online Supervisory Voltage Control for Grid Interface of Utility-Level PV Plants. IEEE Transactions on Sustainable Energy, 2014, 5, 843-853.	5.9	34
158	Optimal Allocation of HTS-FCL for Power System Security and Stability Enhancement. IEEE Transactions on Power Systems, 2013, 28, 4701-4711.	4.6	50
159	Grid code violation during fault triggered islanding of hybrid micro-grid. , 2013, , .		6
160	Voltage Booster Schemes for Fault Ride-Through Enhancement of Variable Speed Wind Turbines. IEEE Transactions on Sustainable Energy, 2013, 4, 1071-1081.	5.9	79
161	Fault ride through capability for grid interfacing large scale PV power plants. IET Generation, Transmission and Distribution, 2013, 7, 1027-1036.	1.4	116
162	A practical load sharing control strategy for DC microgrids and DC supplied houses. , 2013, , .		9

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163	Novel Fault Ride-Through Configuration and Transient Management Scheme for Doubly Fed Induction Generator. IEEE Transactions on Energy Conversion, 2013, 28, 86-94.	3.7	41
164	Novel Technique for Reducing the High Fault Currents and Enhancing the Security of ADWEA Power System. IEEE Transactions on Power Systems, 2013, 28, 140-148.	4.6	31
165	Transient analysis on different types of super conducting fault current limiters. , 2013, , .		5
166	Enhanced fault ride through performance of self-excited induction generator-based wind park during unbalanced grid operation. IET Power Electronics, 2013, 6, 1683-1695.	1.5	20
167	Novel control strategies for SSR mitigation and damping power system oscillations in a series compensated wind park. , 2012, , .		14
168	Coordinated Voltage Control Scheme for SEIG-Based Wind Park Utilizing Substation STATCOM and ULTC Transformer. IEEE Transactions on Sustainable Energy, 2011, 2, 246-255.	5.9	39