

Heng Nian

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149
papers

2,449
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186
ext. papers

3,410
ext. citations

4.9
avg, IF

6.12
L-index

#	Paper	IF	Citations
149	Dynamic Modeling and Improved Control of DFIG Under Distorted Grid Voltage Conditions. <i>IEEE Transactions on Energy Conversion</i> , 2011 , 26, 163-175	5.4	179
148	Direct Active and Reactive Power Regulation of DFIG Using Sliding-Mode Control Approach. <i>IEEE Transactions on Energy Conversion</i> , 2010 , 25, 1028-1039	5.4	173
147	Direct Power Control of Doubly Fed Induction Generator Under Distorted Grid Voltage. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 894-905	7.2	167
146	Improved Direct Power Control of a Wind Turbine Driven Doubly Fed Induction Generator During Transient Grid Voltage Unbalance. <i>IEEE Transactions on Energy Conversion</i> , 2011 , 26, 976-986	5.4	143
145	Zero-Sequence Current Suppression Strategy of Open-Winding PMSG System With Common DC Bus Based on Zero Vector Redistribution. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 1-1	8.9	80
144	Coordinated Direct Power Control of DFIG System Without Phase-Locked Loop Under Unbalanced Grid Voltage Conditions. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 2905-2918	7.2	71
143	Frequency Coupling Characteristic Modeling and Stability Analysis of Doubly Fed Induction Generator. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 1475-1486	5.4	68
142	Enhanced control of DFIG-used back-to-back PWM VSC under unbalanced grid voltage conditions. <i>Journal of Zhejiang University: Science A</i> , 2007 , 8, 1330-1339	2.1	61
141	A Sliding-Mode Direct Power Control Strategy for DFIG Under Both Balanced and Unbalanced Grid Conditions Using Extended Active Power. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 1313-1322	7.2	56
140	Flexible Grid Connection Technique of Voltage-Source Inverter Under Unbalanced Grid Conditions Based on Direct Power Control. <i>IEEE Transactions on Industry Applications</i> , 2015 , 51, 4041-4050	4.3	47
139	Collaborative Control of DFIG System During Network Unbalance Using Reduced-Order Generalized Integrators. <i>IEEE Transactions on Energy Conversion</i> , 2015 , 30, 453-464	5.4	44
138	Independent Operation of DFIG-Based WECS Using Resonant Feedback Compensators Under Unbalanced Grid Voltage Conditions. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 3650-3661	7.2	42
137	Torque Ripple Suppression Method With Reduced Switching Frequency for Open-Winding PMSM Drives With Common DC Bus. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 674-684	8.9	41
136	. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 6751-6762	7.2	39
135	Zero-Sequence Current Suppression Strategy With Reduced Switching Frequency for Open-End Winding PMSM Drives With Common DC BUS. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7613-7623	8.9	39
134	. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 4831-4842	7.2	38
133	Simplified Model Predictive Control for Dual Inverter-Fed Open-Winding Permanent Magnet Synchronous Motor. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 1846-1854	5.4	35

132	Zero-Sequence Current Suppression Strategy for Open Winding PMSG Fed by Semicontrolled Converter. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 711-720	7.2	34
131	Direct Stator Current Vector Control Strategy of DFIG Without Phase-Locked Loop During Network Unbalance. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 284-297	7.2	33
130	Investigation of Open-Winding PMSG System With the Integration of Fully Controlled and Uncontrolled Converter. <i>IEEE Transactions on Industry Applications</i> , 2015 , 51, 429-439	4.3	32
129	Direct power control of voltage source inverter in a virtual synchronous reference frame during frequency variation and network unbalance. <i>IET Power Electronics</i> , 2016 , 9, 502-511	2.2	32
128	Zero-Sequence Current Suppression Strategy With Common-Mode Voltage Control for Open-End Winding PMSM Drives With Common DC Bus. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4691-4702	8.8	32
127	Coordinated control strategy for doubly-fed induction generator with DC connection topology. <i>IET Renewable Power Generation</i> , 2015 , 9, 747-756	2.9	30
126	Sequences Domain Impedance Modeling of Three-Phase Grid-Connected Converter Using Harmonic Transfer Matrices. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 627-638	5.4	30
125	Direct Resonant Control Strategy for Torque Ripple Mitigation of DFIG Connected to DC Link through Diode Rectifier on Stator. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 6936-6945	7.2	30
124	Simplified Modulation Scheme for Open-End Winding PMSM System With Common DC Bus Under Open-Phase Fault Based on Circulating Current Suppression. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 10-14	7.2	30
123	Optimised parameter design of proportional integral and resonant current regulator for doubly fed induction generator during grid voltage distortion. <i>IET Renewable Power Generation</i> , 2014 , 8, 299-313	2.9	28
122	Direct Power Control of DFIG System Without Phase-Locked Loop Under Unbalanced and Harmonically Distorted Voltage. <i>IEEE Transactions on Energy Conversion</i> , 2018 , 33, 395-405	5.4	27
121	A novel DC grid connected DFIG system with active power filter based on predictive current control 2011 ,		26
120	Low-Complexity Model Predictive Stator Current Control of DFIG Under Harmonic Grid Voltages. <i>IEEE Transactions on Energy Conversion</i> , 2017 , 32, 1072-1080	5.4	24
119	Stator Harmonic Currents Suppression for DFIG Based on Feed-Forward Regulator Under Distorted Grid Voltage. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 1211-1224	7.2	24
118	A Simplified MPFC With Capacitor Voltage Offset Suppression for the Four-Switch Three-Phase Inverter-Fed PMSM Drive. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7633-7642	8.9	23
117	Improved Virtual Synchronous Generator Control of DFIG to Ride-Through Symmetrical Voltage Fault. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 35, 672-683	5.4	22
116	Enhanced Grid-Connected Operation of DFIG Using Improved Repetitive Control Under Generalized Harmonic Power Grid. <i>IEEE Transactions on Energy Conversion</i> , 2015 , 30, 1019-1029	5.4	21
115	Voltage Imbalance Compensation for Doubly Fed Induction Generator Using Direct Resonant Feedback Regulator. <i>IEEE Transactions on Energy Conversion</i> , 2016 , 31, 614-626	5.4	20

114	Flexible Compensation Strategy for Voltage Source Converter Under Unbalanced and Harmonic Condition Based on a Hybrid Virtual Impedance Method. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 7656-7673	7.2	20
113	Dead-beat predictive direct power control of voltage source inverters with optimised switching patterns. <i>IET Power Electronics</i> , 2017 , 10, 1438-1451	2.2	19
112	An Improved Modulation Technique With Minimum Switching Actions Within One PWM Cycle for Open-End Winding PMSM System With Isolated DC Bus. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 4259-4264	8.9	19
111	An Improved Repetitive Control of DFIG-DC System for Torque Ripple Suppression. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 7634-7644	7.2	17
110	Stability and Power Quality Enhancement Strategy for DFIG System Connected to Harmonic Grid With Parallel Compensation. <i>IEEE Transactions on Energy Conversion</i> , 2019 , 34, 1010-1022	5.4	17
109	A Sensorless Drive Strategy for Open-End Winding PMSM With Common DC Voltage Based on Lower Switching Frequency. <i>IEEE Transactions on Energy Conversion</i> , 2019 , 34, 1553-1562	5.4	16
108	Direct power control of doubly fed induction generator without phase-locked loop in synchronous reference frame during frequency variations. <i>IET Renewable Power Generation</i> , 2015 , 9, 576-586	2.9	16
107	Model predictive stator current control of doubly fed induction generator during network unbalance. <i>IET Power Electronics</i> , 2018 , 11, 120-128	2.2	16
106	Sinusoidal Current Operation of a DFIG-DC System Without Stator Voltage Sensors. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 6250-6258	8.9	16
105	Flexible PCC Voltage Unbalance Compensation Strategy for Autonomous Operation of Parallel DFIGs. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 4807-4820	4.3	15
104	Analysis and Reshaping on Impedance Characteristic of DFIG System Based on Symmetrical PLL. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 11720-11730	7.2	14
103	Direct Power Control of Doubly Fed Induction Generator Without Phase-Locked Loop Under Harmonically Distorted Voltage Conditions. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 5836-5846	7.2	14
102	Adaptive Repetitive Control of DFIG-DC System Considering Stator Frequency Variation. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 3302-3312	7.2	14
101	Stator Harmonic Current Suppression for DFIG System Considering Integer Harmonics and Interharmonics. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7001-7011	8.9	14
100	Fault Detection and Location Method for Mesh-Type DC Microgrid Using Pearson Correlation Coefficient. <i>IEEE Transactions on Power Delivery</i> , 2021 , 36, 1428-1439	4.3	13
99	A Universal Lookup Table-Based Direct Torque Control for OW-PMSM Drives. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 6188-6191	7.2	12
98	Investigation and Suppression of Current Zero Crossing Phenomenon for a Semiconrolled Open-Winding PMSG System. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 602-612	7.2	11
97	A Modified Self-Synchronized Synchronverter in Unbalanced Power Grids with Balanced Currents and Restrained Power Ripples. <i>Energies</i> , 2019 , 12, 923	3.1	11

96	Model Predictive Current Control for an Open-Winding PMSM System With a Common DC Bus in 3-D Space. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 9597-9607	7.2	11
95	Modeling and Analysis of DC-Link Dynamics in DFIG System With an Indicator Function. <i>IEEE Access</i> , 2019 , 7, 125401-125412	3.5	10
94	Small-Signal Modeling and Analysis of DC-Link Dynamics in Type-IV Wind Turbine System. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 1423-1433	8.9	10
93	Current Zero-Crossing Duration Reduction of a Semiconrolled Open-Winding PMSG System Based on Third Harmonic Current Injection. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 750-760	8.9	9
92	Transient Modeling Method for Faulty DC Microgrid Considering Control Effect of DC/AC and DC/DC Converters. <i>IEEE Access</i> , 2020 , 8, 150759-150772	3.5	9
91	Modeling and Control for Open-Winding PMSM Under Open-Phase Fault Based on New Coordinate Transformations. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 6892-6902	7.2	9
90	. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 4440-4451	7.2	9
89	Overvoltage Suppression Strategy for Sending AC Grid With High Penetration of Wind Power in the LCC-HVdc System Under Commutation Failure. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 10265-10277	7.2	9
88	An improved control strategy for DFIG system and dynamic voltage restorer under grid voltage dip 2012 ,		8
87	Dynamic modeling and improved control of DFIG under unbalanced and distorted grid voltage conditions 2012 ,		8
86	Improved load-adaptive control strategy for PMSG based stand-alone wind energy generation system 2009 ,		8
85	High-Frequency Resonance Analysis and Reshaping Control Strategy of DFIG System Based on DPC. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 7810-7819	7.2	8
84	A Dual Two-Vector-Based Model Predictive Flux Control With Field-Weakening Operation for OW-PMSM Drives. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 2191-2200	7.2	8
83	Self-sensing of the rotor position and displacement for an inset permanent magnet type bearingless motor 2007 ,		7
82	Improved Direct Resonant Control for Suppressing Torque Ripple and Reducing Harmonic Current Losses of DFIG-DC System. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 8739-8748	7.2	7
81	Design Method of Multi-sine Signal for Broadband Impedance Measurement. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	7
80	Optimization of Current Breaker and Fault Current Limiter in DC Micro-Grid Based on Faulty Transient Analysis 2018 ,		7
79	Proxy Signature-Based Management Model of Sharing Energy Storage in Blockchain Environment. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7502	2.6	6

78	Investigation on open winding PMSG system with the integration of full controlled and uncontrolled converter 2013 ,		6
77	Sensorless Operation of an Inset PM Bearingless Motor Implemented by the Combination Approach of MRAS and HF Signal Injection 2006 ,		6
76	A Simplified Stator Frequency and Power Control Method of DFIG-DC System Without Stator Voltage and Current Sensors. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 5562-5566	7.2	6
75	Grid-Forming Control for DFIG Based Wind Farms to Enhance the Stability of LCC-HVDC. <i>IEEE Access</i> , 2020 , 8, 156752-156762	3.5	6
74	Transient Modeling and Analysis of VSC Based DC Microgrid During Short Circuit Fault. <i>IEEE Access</i> , 2019 , 7, 170604-170614	3.5	6
73	Impedance-Based Analysis and Stability Improvement of DFIG System within PLL Bandwidth. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	6
72	Stability Analysis and Impedance Reshaping Method for DC Resonance in VSCs-based Power System. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 1-1	5.4	6
71	Loss Estimation of Brushless Doubly-Fed Generator With Hybrid Rotor Considering Multiple Influence Factors. <i>IEEE Access</i> , 2020 , 8, 60043-60051	3.5	5
70	Sliding mode current control of grid-connected voltage source converter 2010 ,		5
69	Design and Performance Analysis of Dual-Stator Brushless Doubly-Fed Machine With Cage-Barrier Rotor. <i>IEEE Transactions on Energy Conversion</i> , 2019 , 34, 1347-1357	5.4	5
68	Improved Model Predictive Control With New Cost Function for Hybrid-Inverter Open-Winding PMSM System Based on Energy Storage Model. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	5
67	Impedance Modeling and Stability Analysis of Three-Phase Four-Leg Grid-Connected Inverter Considering Zero-Sequence. <i>IEEE Access</i> , 2021 , 9, 83676-83687	3.5	5
66	Using inverter-based renewable generators to improve the grid power quality A review. <i>Chinese Journal of Electrical Engineering</i> , 2018 , 4, 16-25	4	5
65	Damping Method of High-Frequency Resonance for Stator Current Controlled DFIG System Under Parallel Compensation Grid. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 10260-10270	7.2	4
64	Coordinated Control of RSC and GSC for DFIG System under Harmonically Distorted Grid Considering Inter-Harmonics. <i>Energies</i> , 2020 , 13, 28	3.1	4
63	Analysis and Mitigation of Sub-Synchronous Resonance for Doubly Fed Induction Generator under VSG Control. <i>Energies</i> , 2020 , 13, 1582	3.1	4
62	Improved control strategy of grid connected inverter without phase locked loop on PCC voltage disturbance 2017 ,		4
61	Cross-coupling over frequency and sequence in impedance modelling of grid-connected inverter. <i>Journal of Engineering</i> , 2017 , 2017, 990-995	0.7	4

60	Method of eliminating high frequency resonance of DFIG system connected to weak grid. <i>Journal of Engineering</i> , 2017 , 2017, 1793-1798	0.7	4
59	Rotor Current Oriented Control Method of DFIG-DC System Without Stator Side Sensors. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 9958-9962	8.9	4
58	Impedance Modeling and Stability Analysis of VSG Controlled Grid-Connected Converters with Cascaded Inner Control Loop. <i>Energies</i> , 2020 , 13, 5114	3.1	4
57	Coordinated Elimination Strategy of Low Order Output Current Distortion for LC-Filtered DFIG System Based on Hybrid Virtual Impedance Method. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 7502-7520	7.2	4
56	Complex transfer function-based sequence domain impedance model of doubly fed induction generator. <i>IET Renewable Power Generation</i> , 2019 , 13, 67-77	2.9	4
55	Mechanism Analysis and Damping Method for High Frequency Resonance Between VSC-HVDC and the Wind Farm. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 984-994	5.4	4
54	Impedance Characteristic Analysis and Reshaping Method of DFIG System Based on DPC Without PLL. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 9767-9777	8.9	4
53	A Novel Lookup Table Based Direct Torque Control for OW-PMSM Drives. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 10316-10320	8.9	4
52	Active damping technique based on H _∞ controller for VSC under parallel compensation grid. <i>Electronics Letters</i> , 2020 , 56, 147-150	1.1	3
51	Collaborative Control and Allocation Method of RSC and GSC for DFIG System to Suppress High-Frequency Resonance and Harmonics. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10509-10519	8.9	3
50	Improved Operation Strategy with Alternative Control Targets for Voltage Source Converter under Harmonically Distorted Grid Considering Inter-Harmonics. <i>Energies</i> , 2019 , 12, 1236	3.1	3
49	Rotor displacement sensorless control strategy for PM type bearingless motor based on the parameter identification 2009 ,		3
48	Improved predictive current control of grid-connected DC-AC converters under unbalanced grid voltage conditions 2009 ,		3
47	Modeling and design of permanent magnet biased radial-axial magnetic bearing by extended circuit theory 2007 ,		3
46	Design Method of Multi-sine Signal for Broadband Impedance Measurement Considering Frequency Coupling Characteristic. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	3
45	Impedance Aggregation Method of Multiple Wind Turbines and Accuracy Analysis. <i>Energies</i> , 2019 , 12, 2035	3.1	2
44	Stability analysis of DPC in the FSRF for grid-connected converter. <i>IET Power Electronics</i> , 2020 , 13, 909-919		2
43	Comparison of resonant current regulators for DFIG during grid voltage distortion. <i>Journal of Zhejiang University: Science C</i> , 2013 , 14, 953-965		2

42	High frequency resonance in DFIG-based wind farm with variable power capacity. <i>Chinese Journal of Electrical Engineering</i> , 2017 , 3, 52-58	4	2
41	Control strategy based on virtual synchronous generator of DFIG-based wind turbine under unbalanced grid voltage 2017 ,		2
40	2014 ,		2
39	Using Virtual Synchronous Generator Control Based Energy Storage to Enhance the Stability of Sending Terminal in LCC-HVDC System 2020 ,		2
38	Optimal Power Coordinated Control Strategy for DFIG-Based Wind Farm to Increase Transmission Capacity of the LCC-HVDC System Considering Commutation Failure. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	2
37	Parameters Selection Method of Circuit Breaker and Fault Current Limiter in Mesh-Type DC Microgrid. <i>IEEE Access</i> , 2021 , 9, 35514-35523	3.5	2
36	Optimal Power Distribution Method for Wind Farms to Enhance the FRT Capability of the LCC-HVDC System Under Commutation Failure. <i>IEEE Access</i> , 2021 , 9, 108212-108222	3.5	2
35	Impedance Modeling and Stability Analysis of VSG Controlled Type-IV Wind Turbine System. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 1-1	5.4	2
34	Frequency Coupling Characteristic Modeling of DFIG System based on Type-1 Frequency-locked Loop 2018 ,		2
33	Impedance-Based Stability Analysis of MMC-HVDC for Offshore DFIG-Based Wind Farms 2018 ,		2
32	Multiple target implementation for a doubly fed induction generator based on direct power control under unbalanced and distorted grid voltage. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2015 , 16, 321-334	2.2	1
31	Multi-Target Control Strategy of DFIG Using Virtual Synchronous Generator Based on Extended Power Resonance Control under Unbalanced Power Grid. <i>Energies</i> , 2020 , 13, 2232	3.1	1
30	Flexible unbalance compensation strategy for doubly fed induction generator based on a novel indirect virtual impedance method. <i>IET Renewable Power Generation</i> , 2018 , 12, 28-36	2.9	1
29	Model Predictive Control of Grid Side Converter in The Weak Grid 2019 ,		1
28	Novel DC grid connection topology and control strategy for DFIG-based wind power generation system 2013 ,		1
27	Multi-resonant based sliding mode control of grid-connected converter under distorted grid conditions 2013 ,		1
26	Small signal modeling and stability analysis of a DFIG based wind power system under unbalanced grid voltage condition 2014 ,		1
25	Stability analysis of grid-connected converter based on interconnected system impedance modeling under unbalanced grid conditions 2014 ,		1

24	Dual stator windings PMSG fed by half-controlled converters for wind power application 2011,		1
23	Sensorless control of PMSG for wind turbines based on the on-line parameter identification 2009,		1
22	Improved modulation method with reduced switching frequency for OW-PMSM system with common DC bus. <i>Electronics Letters</i> , 2019 , 55, 1009-1012	1.1	1
21	Hybrid virtual impedance-based control strategy for DFIG in hybrid wind farm to disperse negative sequence current during network unbalance. <i>IET Renewable Power Generation</i> , 2020 , 14, 2268-2277	2.9	1
20	Damping control of high-frequency resonance based on voltage feedforward for voltage source converter under a parallel compensated grid. <i>IET Power Electronics</i> , 2020 , 13, 2682-2691	2.2	1
19	Eliminating Frequency Coupling of DFIG System Using a Complex Vector PLL 2020,		1
18	Fault-tolerant control strategy with reduced switching frequency for inverter-based fault in open-winding PMSM system. <i>Electronics Letters</i> , 2020 , 56, 563-565	1.1	1
17	Reactive Power Compensation Control of PV Systems for Improved Power Transfer Capability in Weak Grid 2020,		1
16	Open Winding PMSM System for Electric Vehicles Collaboratively Supplied by the Z-Source and Voltage Source Converters 2016,		1
15	Impedance Modelling and Stability Analysis of Grid Side Converter Under Unbalanced Weak Grid by Harmonic Transfer Matrix 2019,		1
14	A Collaborative Control Strategy of DFIG System with Energy Storage in Weak Grid 2019,		1
13	Impedance Modeling and Stability Analysis of DFIG System based on Direct Power Control without PLL 2019,		1
12	Low-frequency Stability Analysis of the DC-link in Dual Active Bridge (DAB) Based Microgrid 2019,		1
11	An Error Tracking Dead-beat Model Predictive Torque Control for Open-Winding Permanent Magnet Synchronous Motor with Common DC Bus 2019,		1
10	Efficiency Optimization Strategy of Three Port Triple Active Bridge DC-DC Converter 2019,		1
9	An Improved Control Strategy for Triple-port Power Electronic Transformer Under Unbalanced AC Loads Condition 2018,		1
8	Improved three-vector based dead-beat model predictive direct power control strategy for grid-connected inverters. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2018 , 19, 1420-1431	2.2	1
7	An Improved Impedance Measurement Method Based on Multi-Sine Signal Considering the Suppression of Noise Interference. <i>IEEE Access</i> , 2021 , 9, 34221-34230	3.5	1

6	Adaptive Frequency Adjustment Method for Impedance Measurement. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 1-1	5.6	1
5	High Frequency Resonance Suppression Strategy of Three-Phase Four-Wire Split Capacitor Inverter Connected to Parallel Compensation Grid. <i>Energies</i> , 2022 , 15, 1486	3.1	1
4	Commutation Overlap Characteristic Modeling and Stability Analysis of LCC-HVDC in Sending AC Grid. <i>IEEE Transactions on Sustainable Energy</i> , 2022 , 1-1	8.2	1
3	Model predictive control with a novel cost function evaluation scheme for OW-PMSM drives. <i>Electronics Letters</i> , 2020 , 56, 655-657	1.1	0
2	Robust Active Damping Control for LCL-Type Shunt Active Power Filters. <i>IEEE Access</i> , 2022 , 10, 39456-39470	3.3	0
1	High Frequency Resonance Damping Method for Voltage Source Converter Based on Voltage Feedforward Control. <i>Energies</i> , 2020 , 13, 1591	3.1	