

## List of Publications by Year in descending order

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172  
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172  
docs citations

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times ranked

7733  
citing authors

#	ARTICLE	IF	CITATIONS
1	VSC-Based HVDC Power Transmission Systems: An Overview. IEEE Transactions on Power Electronics, 2009, 24, 592-602.	5.4	1,810
2	A Review of Multilevel Selective Harmonic Elimination PWM: Formulations, Solving Algorithms, Implementation and Applications. IEEE Transactions on Power Electronics, 2015, 30, 4091-4106.	5.4	447
3	A Model Predictive Control System for a Hybrid Battery-Ultracapacitor Power Source. IEEE Transactions on Power Electronics, 2014, 29, 1469-1479.	5.4	362
4	Selective Harmonic Elimination PWM Control for Cascaded Multilevel Voltage Source Converters: A Generalized Formula. IEEE Transactions on Power Electronics, 2008, 23, 1620-1630.	5.4	347
5	Control Strategies for Microgrids With Distributed Energy Storage Systems: An Overview. IEEE Transactions on Smart Grid, 2018, 9, 3652-3666.	6.2	307
6	Power Balance of Cascaded H-Bridge Multilevel Converters for Large-Scale Photovoltaic Integration. IEEE Transactions on Power Electronics, 2016, 31, 292-303.	5.4	259
7	Power Smoothing of Large Solar PV Plant Using Hybrid Energy Storage. IEEE Transactions on Sustainable Energy, 2014, 5, 834-842.	5.9	238
8	Review of FACTS technologies and applications for power quality in smart grids with renewable energy systems. Renewable and Sustainable Energy Reviews, 2018, 82, 502-514.	8.2	224
9	Modified Phase-Shifted PWM Control for Flying Capacitor Multilevel Converters. IEEE Transactions on Power Electronics, 2007, 22, 178-185.	5.4	206
10	Correlation and instance based feature selection for electricity load forecasting. Knowledge-Based Systems, 2015, 82, 29-40.	4.0	173
11	Univariate and multivariate methods for very short-term solar photovoltaic power forecasting. Energy Conversion and Management, 2016, 121, 380-390.	4.4	163
12	Single- and Two-Stage Inverter-Based Grid-Connected Photovoltaic Power Plants With Ride-Through Capability Under Grid Faults. IEEE Transactions on Sustainable Energy, 2015, 6, 1150-1159.	5.9	160
13	Power Balance Optimization of Cascaded H-Bridge Multilevel Converters for Large-Scale Photovoltaic Integration. IEEE Transactions on Power Electronics, 2016, 31, 1108-1120.	5.4	152
14	Performance evaluation of half-bridge cascaded multilevel converters operated with multicarrier sinusoidal PWM techniques. , 2009, , .		148
15	Multilevel converters for single-phase grid connected photovoltaic systems: an overview. Solar Energy, 1999, 66, 325-335.	2.9	141
16	Hybrid Flying-Capacitor-Based Active-Neutral-Point-Clamped Five-Level Converter Operated With SHE-PWM. IEEE Transactions on Industrial Electronics, 2011, 58, 4643-4653.	5.2	141
17	Accurate and Less-Disturbing Active Antiislanding Method Based on PLL for Grid-Connected Converters. IEEE Transactions on Power Electronics, 2010, 25, 1576-1584.	5.4	139
18	Photovoltaic-Battery-Powered DC Bus System for Common Portable Electronic Devices. IEEE Transactions on Power Electronics, 2009, 24, 849-855.	5.4	138

#	ARTICLE	IF	CITATIONS
19	Operation of Cascaded H-Bridge Multilevel Converters for Large-Scale Photovoltaic Power Plants Under Bridge Failures. IEEE Transactions on Industrial Electronics, 2015, 62, 7228-7236.	5.2	137
20	A Five-Level Symmetrically Defined Selective Harmonic Elimination PWM Strategy: Analysis and Experimental Validation. IEEE Transactions on Power Electronics, 2008, 23, 19-26.	5.4	133
21	Cooperative Multi-Agent Control of Heterogeneous Storage Devices Distributed in a DC Microgrid. IEEE Transactions on Power Systems, 2016, 31, 2974-2986.	4.6	133
22	Active Redundant Submodule Configuration in Modular Multilevel Converters. IEEE Transactions on Power Delivery, 2013, 28, 2333-2341.	2.9	130
23	Model Predictive Control for Single-Phase NPC Converters Based on Optimal Switching Sequences. IEEE Transactions on Industrial Electronics, 2016, 63, 7533-7541.	5.2	130
24	A Single-Phase Grid-Connected Fuel Cell System Based on a Boost-Inverter. IEEE Transactions on Power Electronics, 2013, 28, 279-288.	5.4	126
25	A Single-Objective Predictive Control Method for a Multivariable Single-Phase Three-Level NPC Converter-Based Active Power Filter. IEEE Transactions on Industrial Electronics, 2015, 62, 4598-4607.	5.2	122
26	Hybrid Seven-Level Cascaded Active Neutral-Point-Clamped-Based Multilevel Converter Under SHE-PWM. IEEE Transactions on Industrial Electronics, 2013, 60, 4794-4804.	5.2	112
27	Selective Harmonic Elimination Model Predictive Control for Multilevel Power Converters. IEEE Transactions on Power Electronics, 2017, 32, 2416-2426.	5.4	111
28	On Attaining the Multiple Solutions of Selective Harmonic Elimination PWM Three-Level Waveforms Through Function Minimization. IEEE Transactions on Industrial Electronics, 2008, 55, 996-1004.	5.2	109
29	Decoupled Control System for Cascaded H-Bridge Multilevel Converter Based STATCOM. IEEE Transactions on Industrial Electronics, 2016, 63, 322-331.	5.2	108
30	Improving Wind Farm Dispatch in the Australian Electricity Market With Battery Energy Storage Using Model Predictive Control. IEEE Transactions on Sustainable Energy, 2013, 4, 745-755.	5.9	107
31	A Minimum Power-Processing-Stage Fuel-Cell Energy System Based on a Boost-Inverter With a Bidirectional Backup Battery Storage. IEEE Transactions on Power Electronics, 2011, 26, 1568-1577.	5.4	102
32	Voltage Balancing Control of Three-Level Active NPC Converter Using SHE-PWM. IEEE Transactions on Power Delivery, 2011, 26, 258-267.	2.9	97
33	Power Quality in Microgrids Including Supraharmonics: Issues, Standards, and Mitigations. IEEE Access, 2020, 8, 127104-127122.	2.6	95
34	Low-Capacitance Cascaded H-Bridge Multilevel StatCom. IEEE Transactions on Power Electronics, 2017, 32, 1744-1754.	5.4	86
35	Voltage-Balancing Method Using Phase-Shifted PWM for the Flying Capacitor Multilevel Converter. IEEE Transactions on Power Electronics, 2014, 29, 4521-4531.	5.4	85
36	Performance of Medium-Voltage DC-Bus PV System Architecture Utilizing High-Gain DC-DC Converter. IEEE Transactions on Sustainable Energy, 2015, 6, 464-473.	5.9	85

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37	A Low Complexity Control System for a Hybrid DC Power Source Based on Ultracapacitor and Lead-Acid Battery Configuration. IEEE Transactions on Power Electronics, 2014, 29, 2882-2891.	5.4	84
38	2D-interval forecasts for solar power production. Solar Energy, 2015, 122, 191-203.	2.9	82
39	Current Control of Grid-Connected Boost Inverter With Zero Steady-State Error. IEEE Transactions on Power Electronics, 2011, 26, 2825-2834.	5.4	81
40	Cascaded H-Bridge Multilevel PV Topology for Alleviation of Per-Phase Power Imbalances and Reduction of Second Harmonic Voltage Ripple. IEEE Transactions on Power Electronics, 2016, 31, 5574-5586.	5.4	81
41	Slow Sampling Online Optimization Approach to Estimate Power System Frequency. IEEE Transactions on Smart Grid, 2011, 2, 265-277.	6.2	78
42	Single-Phase Boost Inverter-Based Electric Vehicle Charger With Integrated Vehicle to Grid Reactive Power Compensation. IEEE Transactions on Power Electronics, 2018, 33, 3462-3471.	5.4	78
43	Frequency Adaptive Least-Squares-Kalman Technique for Real-Time Voltage Envelope and Flicker Estimation. IEEE Transactions on Industrial Electronics, 2012, 59, 3330-3341.	5.2	76
44	Minimizing the energy cost for microgrids integrated with renewable energy resources and conventional generation using controlled battery energy storage. Renewable Energy, 2016, 97, 646-655.	4.3	76
45	A DC-Side Sensorless Cascaded H-Bridge Multilevel Converter-Based Photovoltaic System. IEEE Transactions on Industrial Electronics, 2016, 63, 4233-4241.	5.2	75
46	Resonant Versus Conventional Controllers in Grid-Connected Photovoltaic Power Plants Under Unbalanced Grid Voltages. IEEE Transactions on Sustainable Energy, 2016, 7, 1124-1132.	5.9	73
47	VSC Transmission System Using Flying Capacitor Multilevel Converters and Hybrid PWM Control. IEEE Transactions on Power Delivery, 2007, 22, 693-702.	2.9	72
48	Recent Advances in High-Voltage Direct-Current Power Transmission Systems. , 2006, , .		71
49	On maximizing profit of wind-battery supported power station based on wind power and energy price forecasting. Applied Energy, 2018, 211, 764-773.	5.1	69
50	Accurate Estimation of Single-Phase Grid Voltage Parameters Under Distorted Conditions. IEEE Transactions on Power Delivery, 2014, 29, 1138-1146.	2.9	68
51	A Constrained Monotonic Charging/Discharging Strategy for Optimal Capacity of Battery Energy Storage Supporting Wind Farms. IEEE Transactions on Sustainable Energy, 2016, 7, 1224-1231.	5.9	67
52	An Input Current Feedback Method to Mitigate the DC-Side Low-Frequency Ripple Current in a Single-Phase Boost Inverter. IEEE Transactions on Power Electronics, 2016, 31, 4594-4603.	5.4	66
53	Comparison of zero-sequence injection methods in cascaded H-bridge multilevel converters for large-scale photovoltaic integration. IET Renewable Power Generation, 2017, 11, 603-613.	1.7	62
54	Current-Balancing Technique for Interleaved Voltage Source Inverters With Magnetically Coupled Legs Connected in Parallel. IEEE Transactions on Industrial Electronics, 2015, 62, 1335-1344.	5.2	61

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55	Reduced-Capacitance Thin-Film H-Bridge Multilevel STATCOM Control Utilizing an Analytic Filtering Scheme. IEEE Transactions on Industrial Electronics, 2015, 62, 6457-6468.	5.2	60
56	Integrated Reconfigurable Converter Topology for High-Voltage Battery Systems. IEEE Transactions on Power Electronics, 2016, 31, 1968-1979.	5.4	60
57	Switching Frequency Analysis of Staircase-Modulated Modular Multilevel Converters and Equivalent PWM Techniques. IEEE Transactions on Power Delivery, 2016, 31, 28-36.	2.9	60
58	Decentralised control method for DC microgrids with improved current sharing accuracy. IET Generation, Transmission and Distribution, 2017, 11, 696-706.	1.4	60
59	Performance Evaluation of Three-Phase Grid-Connected Photovoltaic Inverters Using Electrolytic or Polypropylene Film Capacitors. IEEE Transactions on Sustainable Energy, 2014, 5, 1297-1306.	5.9	57
60	Hybrid genetic algorithm approach for selective harmonic control. Energy Conversion and Management, 2008, 49, 131-142.	4.4	56
61	Control of Circulating Currents in Modular Multilevel Converters Through Redundant Voltage Levels. IEEE Transactions on Power Electronics, 2016, 31, 7761-7769.	5.4	56
62	Single-carrier sinusoidal PWM-equivalent selective harmonic elimination for a five-level voltage source converter. Electric Power Systems Research, 2008, 78, 1826-1836.	2.1	55
63	Voltage Balancing Method for a Flying Capacitor Multilevel Converter Using Phase Disposition PWM. IEEE Transactions on Industrial Electronics, 2014, 61, 6538-6546.	5.2	55
64	On Abolishing Symmetry Requirements in the Formulation of a Five-Level Selective Harmonic Elimination Pulse-Width Modulation Technique. IEEE Transactions on Power Electronics, 2006, 21, 1833-1837.	5.4	54
65	A Single-Stage Fuel Cell Energy System Based on a Buck-Boost Inverter with a Backup Energy Storage Unit. IEEE Transactions on Power Electronics, 2012, 27, 2825-2834.	5.4	54
66	A Three-Phase Frequency-Adaptive Phase-Locked Loop for Independent Single-Phase Operation. IEEE Transactions on Power Electronics, 2014, 29, 6255-6259.	5.4	54
67	Technology Readiness Assessment of Model Predictive Control in Medium- and High-Voltage Power Electronics. IEEE Transactions on Industrial Electronics, 2016, 63, 5807-5815.	5.2	54
68	Single-Carrier Phase-Disposition PWM Implementation for Multilevel Flying Capacitor Converters. IEEE Transactions on Power Electronics, 2015, 30, 5376-5380.	5.4	53
69	Analysis of multi-carrier PWM methods for back-to-back HVDC systems based on modular multilevel converters. , 2011, , .		52
70	Accurate Estimation of Single-Phase Grid Voltage Fundamental Amplitude and Frequency by Using a Frequency Adaptive Linear Kalman Filter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 1226-1235.	3.7	51
71	Comparison and evaluation of sub-module configurations in modular multilevel converters. , 2015, , .		48
72	A Rule-Based Controller to Mitigate DC-Side Second-Order Harmonic Current in a Single-Phase Boost Inverter. IEEE Transactions on Power Electronics, 2016, 31, 1665-1679.	5.4	47

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73	Very short-term electricity load demand forecasting using support vector regression. , 2009, , .		46
74	Application of explicit model predictive control to a hybrid battery-ultracapacitor power source. Journal of Power Sources, 2015, 277, 84-94.	4.0	46
75	Enhanced Phase-Shifted PWM Carrier Disposition for Interleaved Voltage-Source Inverters. IEEE Transactions on Power Electronics, 2015, 30, 1121-1125.	5.4	45
76	Optimal Switching Transition-Based Voltage Balancing Method for Flying Capacitor Multilevel Converters. IEEE Transactions on Power Electronics, 2015, 30, 1804-1817.	5.4	45
77	Operation of a modular multilevel converter with selective harmonic elimination PWM. , 2011, , .		44
78	On Improving Phase-Shifted PWM for Flying Capacitor Multilevel Converters. IEEE Transactions on Power Electronics, 2016, 31, 5384-5388.	5.4	44
79	Voltage-Balancing Method for Stacked Multicell Converters Using Phase-Disposition PWM. IEEE Transactions on Industrial Electronics, 2015, 62, 4001-4010.	5.2	42
80	Power Management for Improved Dispatch of Utility-Scale PV Plants. IEEE Transactions on Power Systems, 2016, 31, 2297-2306.	4.6	40
81	Capacitor Voltages Measurement and Balancing in Flying Capacitor Multilevel Converters Utilizing a Single Voltage Sensor. IEEE Transactions on Power Electronics, 2017, 32, 8115-8123.	5.4	40
82	Initial Capacitor Charging in Grid-Connected Flying Capacitor Multilevel Converters. IEEE Transactions on Power Electronics, 2014, 29, 3245-3249.	5.4	39
83	Single-Phase Grid Voltage Frequency Estimation Using Teager Energy Operator-Based Technique. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2015, 3, 1218-1227.	3.7	39
84	Control of neutral point and flying capacitor voltages in five-level SHE-PWM controlled ANPC converter. , 2009, , .		31
85	A Robust Technique for Single-Phase Grid Voltage Fundamental and Harmonic Parameter Estimation. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 3262-3273.	2.4	31
86	Elimination of Low-Frequency Ripples and Regulation of Neutral-Point Voltage in Stacked Multicell Converters. IEEE Transactions on Power Electronics, 2017, 32, 164-175.	5.4	31
87	Review of DC System Technologies for Large Scale Integration of Wind Energy Systems with Electricity Grids. Energies, 2010, 3, 1303-1319.	1.6	30
88	DC-Link Voltage Ripple Compensation for Multilevel Active-Neutral-Point-Clamped Converters Operated With SHE-PWM. IEEE Transactions on Power Delivery, 2012, 27, 2176-2184.	2.9	30
89	Optimal capacity design for hybrid energy storage system supporting dispatch of large-scale photovoltaic power plant. Journal of Energy Storage, 2015, 3, 25-35.	3.9	30
90	Power System Frequency Estimation by Using a Newton-Type Technique for Smart Meters. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 615-624.	2.4	30

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91	Integrated Reconfigurable Configuration for Battery/Ultracapacitor Hybrid Energy Storage Systems. IEEE Transactions on Energy Conversion, 2016, 31, 1583-1590.	3.7	30
92	Interleaved Operation of Three-Level Neutral Point Clamped Converter Legs and Reduction of Circulating Currents Under SHE-PWM. IEEE Transactions on Industrial Electronics, 2016, 63, 3323-3332.	5.2	30
93	A Boost-Inverter-Based, Battery-Supported, Fuel-Cell Sourced Three-Phase Stand-Alone Power Supply. IEEE Transactions on Power Electronics, 2014, 29, 6472-6480.	5.4	29
94	Effect of redundant sub-module utilization on modular multilevel converters. , 2012, , .		28
95	A Robust Frequency Estimation Technique Based on Three Consecutive Samples for Single-Phase Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2014, 2, 1049-1058.	3.7	27
96	Individual Phase Current Control With the Capability to Avoid Overvoltage in Grid-Connected Photovoltaic Power Plants Under Unbalanced Voltage Sags. IEEE Transactions on Power Electronics, 2015, 30, 5346-5351.	5.4	27
97	Harmonic elimination control of a five-level DC-AC cascaded H-bridge hybrid inverter. , 2010, , .		26
98	A Demodulation-Based Technique for Robust Estimation of Single-Phase Grid Voltage Fundamental Parameters. IEEE Transactions on Industrial Informatics, 2017, 13, 166-175.	7.2	26
99	Interactions Between Indirect DC-Voltage Estimation and Circulating Current Controllers of MMC-Based HVDC Transmission Systems. IEEE Transactions on Power Systems, 2018, 33, 829-838.	4.6	26
100	Experimental verification of floating-output interleaved-input DC-DC high-gain transformer-less converter topologies. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	25
101	Evaluation of DC-link decoupling using electrolytic or polypropylene film capacitors in three-phase grid-connected photovoltaic inverters. , 2013, , .		25
102	Yearly and seasonal models for electricity load forecasting. , 2011, , .		24
103	Optimized Modulation for AC-DC Harmonic Immunity in VSC HVDC Transmission. IEEE Transactions on Power Delivery, 2010, 25, 1713-1720.	2.9	23
104	Theoretical Considerations for Single-Phase Interleaved Converters Operated With SHE-PWM. IEEE Transactions on Power Electronics, 2014, 29, 5124-5128.	5.4	23
105	Solar power forecasting using weather type clustering and ensembles of neural networks. , 2016, , .		23
106	Control strategy to balance operation of parallel connected legs of modular multilevel converters. , 2013, , .		19
107	Voltage balancing strategy for a five-level flying capacitor converter using phase disposition PWM with sawtooth-shaped carriers. , 2012, , .		17
108	Large-scale PV system based on the multiphase isolated DC/DC converter. , 2012, , .		17

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109	Single-stage inverter-based grid-connected photovoltaic power plant with ride-through capability over different types of grid faults. , 2013, , .		17
110	Generalized Formulation of Multilevel Selective Harmonic Elimination PWM: Case I -Non-Equal DC Sources. , 0, , .		16
111	Multimodule HVDC System Using SHE-PWM With DC Capacitor Voltage Equalization. IEEE Transactions on Power Delivery, 2012, 27, 79-86.	2.9	16
112	A market-oriented wind power dispatch strategy using adaptive price thresholds and battery energy storage. Wind Energy, 2018, 21, 242-254.	1.9	16
113	An n-level flying capacitor based active neutral-point-clamped converter. , 2010, , .		15
114	Estimation of single-phase grid voltage fundamental parameters using fixed frequency tuned second-order generalized integrator based technique. , 2013, , .		14
115	Optimal size of battery energy storage and monotonic charging/discharging strategies for wind farms. , 2014, , .		14
116	Model predictive control of cascaded H-bridge inverters based on a fast-optimization algorithm. , 2015, , .		14
117	Performance evaluation of interleaved high-gain converter configurations. IET Power Electronics, 2016, 9, 1852-1861.	1.5	14
118	SHE-PWM cascaded multilevel converter with adjustable DC sources control for STATCOM applications. , 2012, , .		13
119	A recursive DFT based technique for accurate estimation of grid voltage frequency. , 2013, , .		12
120	Fast and accurate frequency estimation in distorted grids using a three-sample based algorithm. IET Generation, Transmission and Distribution, 2019, 13, 4242-4248.	1.4	12
121	Seven-level cascaded ANPC-based multilevel converter. , 2010, , .		11
122	A minimum power-processing stage fuel cell energy system based on a boost-inverter with a bi-directional back-up battery storage. , 2010, , .		10
123	Current improvement of a grid-connected photovoltaic system under unbalanced voltage conditions. , 2013, , .		10
124	A generalized capacitors voltage estimation scheme for multilevel converters. , 2014, , .		10
125	Closed-loop SHE-PWM technique for power converters through Model Predictive Control. , 2015, , .		10
126	Voltage balancing method for the multilevel flying capacitor converter using phase-shifted PWM. , 2012, , .		9



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127	Differentiation filter-based technique for robust estimation of single-phase grid voltage frequency under distorted conditions. IET Generation, Transmission and Distribution, 2014, 8, 907-915.	1.4	9
128	Delta-connected cascaded H-bridge multilevel photovoltaic converters. , 2015, , .		9
129	Voltage balancing of a five-level flying capacitor converter using optimum switching transitions. , 2012, , .		8
130	A frequency adaptive technique for accurate estimation of single-phase grid voltage fundamental parameters. , 2013, , .		8
131	Cascaded H-bridge converter with multiphase isolated DC/DC converter for large-scale PV system. , 2014, , .		8
132	Asymmetric overlap and hysteresis current control of zero-current switched alternate arm converter. , 2016, , .		8
133	Grid-Connected Photovoltaic Power Plant Without Phase Angle Synchronization Able to Address Fault-Ride-Through Capability. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3467-3476.	3.7	8
134	Technology of Offshore Wind Turbines and Farms and Novel Multilevel Converter-Based HVDC Systems for Their Grid Connections. Wind Engineering, 2002, 26, 383-395.	1.1	7
135	Performance evaluation of a five-level flying capacitor converter with reduced DC bus capacitance under two different modulation schemes. , 2012, , .		7
136	Fuzzy logic based control system for cascaded H-bridge converter. , 2014, , .		7
137	A VSC Transmission System Using Flying Capacitor Multilevel Converters and Selective Harmonic Elimination PWM Control. International Journal of Emerging Electric Power Systems, 2006, 5, .	0.6	6
138	Non-symmetrical SHE-PWM technique for five-level cascaded converter with non-equal DC sources. , 2008, , .		6
139	SHE-PWM control for asymmetrical hybrid multilevel flying capacitor and H-bridge converter. , 2011, , .		6
140	Accurate estimation of grid voltage parameters using singular value decomposition technique. , 2012, , .		6
141	Interleaved selective harmonic elimination PWM for single-phase rectifiers in traction applications. , 2013, , .		6
142	A simple perturb and observe MPPT scheme for Cascaded H-Bridge based photovoltaic system. , 2013, , .		6
143	Reducing circulating currents in interleaved converter legs under selective harmonic elimination pulse-width modulation. , 2015, , .		6
144	On distributing multilevel SHE-PWM waveforms in HVDC systems built with conventional three-phase VSC modules. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	5

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145	DC-bus capacitorless rectifier-inverter motor drive with online optimized harmonic controlled PWM. , 2010, , .		5
146	Voltage balancing method using phase-shifted PWM for stacked multicell converters. , 2013, , .		5
147	Comparison of bipolar sub-modules for the alternate arm converter. , 2016, , .		5
148	Cooperative neuro-evolutionary recurrent neural networks for solar power prediction. , 2016, , .		5
149	A high step-up, non-isolated DC-DC converter with reduced repeated power processing. , 2010, , .		4
150	Single-phase nine-level SHE-PWM inverter with single DC source suitable for renewable energy systems. , 2011, , .		4
151	Optimum state voltage balancing method for stacked multicell converters. , 2013, , .		4
152	Real-time estimation of single-phase grid voltage frequency using a modulating function based technique. , 2013, , .		4
153	Integration of model-predictive control in medium and high-voltage power electronics products: An industrial perspective on gaps and progress required. , 2015, , .		4
154	Predictive Control algorithm to achieve power balance of Cascaded H-Bridge converters. , 2015, , .		4
155	A method for minimizing energy cost in a microgrid with hybrid renewable power generation using controlled battery energy storage. , 2016, , .		4
156	An adaptive control algorithm for wind power dispatch using a battery energy storage system. , 2015, , .		3
157	Utilising redundant voltage levels for circulating current control in modular multilevel converters. , 2015, , .		3
158	Defining the exact number of sub-module transitions in fundamental frequency modulated modular multilevel converters. , 2015, , .		3
159	Equalizing DC capacitor voltages in multimodule HVDC using SHE-PWM. , 2009, , .		2
160	Extended staggered undersampling synchrophasor estimation technique for wide-area measurement systems. , 2011, , .		2
161	Optimization of a power system consisting of wind and solar power plants and battery energy storage for optimal matching of supply and demand. , 2015, , .		2
162	Distributed sliding mode control for multi-module battery energy storage system state of charge balancing. , 2016, , .		2

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163	Robust estimation of voltage harmonics in a single-phase system. IET Science, Measurement and Technology, 2019, 13, 662-670.	0.9	2
164	A DC-link voltage ripple compensation method for multilevel active-neutral-point-clamped converters operating with SHE-PWM. , 2011, , .		1
165	Dispatch performance analysis of PV power plants using various energy storage capacities. , 2015, , .		1
166	Maximizing the income for wind power plant integrated with a battery energy storage system using dynamic programming. , 2015, , .		1
167	Hybrid energy storage for large PV systems using bidirectional high-gain converters. , 2016, , .		1
168	Decoupled recursive-least-squares technique for extraction of instantaneous synchronized symmetrical components under fault conditions. , 2011, , .		0
169	Analysis of a voltage balancing technique with reduced switching transitions in a flying capacitor multilevel converter. , 2013, , .		0
170	Optimal hybrid wind-solar system for matching renewable power generation with demand. , 2014, , .		0
171	DC side ripple current reduction method for three-phase boost inverter with mismatched output capacitors. , 2016, , .		0