Timothy C Green

List of Publications by Year
in descending order

192	14,824	44042 48	22147 113
papers	citations	h-index	g-index

194	194	194	9382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling, Analysis and Testing of Autonomous Operation of an Inverter-Based Microgrid. IEEE Transactions on Power Electronics, 2007, 22, 613-625.	5.4	2,337
2	Energy Harvesting From Human and Machine Motion for Wireless Electronic Devices. Proceedings of the IEEE, 2008, 96, 1457-1486.	16.4	1,522
3	Energy Management in Autonomous Microgrid Using Stability-Constrained Droop Control of Inverters. IEEE Transactions on Power Electronics, 2008, 23, 2346-2352.	5.4	679
4	Architectures for Vibration-Driven Micropower Generators. Journal of Microelectromechanical Systems, 2004, 13, 429-440.	1.7	594
5	MEMS electrostatic micropower generator for low frequency operation. Sensors and Actuators A: Physical, 2004, 115, 523-529.	2.0	539
6	Fuel Consumption Minimization of a Microgrid. IEEE Transactions on Industry Applications, 2005, 41, 673-681.	3.3	442
7	Dynamic Stability of a Microgrid With an Active Load. IEEE Transactions on Power Electronics, 2013, 28, 5107-5119.	5.4	399
8	Control and filter design of three-phase inverters for high power quality grid connection. IEEE Transactions on Power Electronics, 2003, 18, 373-380.	5.4	352
9	The Alternate Arm Converter: A New Hybrid Multilevel Converter With DC-Fault Blocking Capability. IEEE Transactions on Power Delivery, 2014, 29, 310-317.	2.9	342
10	Control of inverter-based micro-grids. Electric Power Systems Research, 2007, 77, 1204-1213.	2.1	282
11	High-Frequency Operation of a DC/AC/DC System for HVDC Applications. IEEE Transactions on Power Electronics, 2014, 29, 4107-4115.	5.4	279
12	High-Quality Power Generation Through Distributed Control of a Power Park Microgrid. IEEE Transactions on Industrial Electronics, 2006, 53, 1471-1482.	5.2	261
13	Real-World MicroGrids-An Overview. , 2007, , .		236
14	Comparison of Current-Limiting Strategies During Fault Ride-Through of Inverters to Prevent Latch-Up and Wind-Up. IEEE Transactions on Power Electronics, 2014, 29, 3786-3797.	5.4	233
15	A comparison of high-power converter topologies for the implementation of FACTS controllers. IEEE Transactions on Industrial Electronics, 2002, 49, 1072-1080.	5.2	229
16	Communication Infrastructures for Distributed Control of Power Distribution Networks. IEEE Transactions on Industrial Informatics, 2011, 7, 316-327.	7.2	223
17	Benefits of Distribution-Level Power Electronics for Supporting Distributed Generation Growth. IEEE Transactions on Power Delivery, 2013, 28, 911-919.	2.9	199
18	>tex<H^infty>/tex<Repetitive Control of DC-AC Converters in Microgrids. IEEE Transactions on Power Electronics, 2004, 19, 219-230.	5.4	179

#	Article	IF	Citations
19	Control techniques for active power filters. IET Electric Power Applications, 2005, 152, 369.	1.4	179
20	Optimization of inertial micropower Generators for human walking motion. IEEE Sensors Journal, 2006, 6, 28-38.	2.4	172
21	Mems inertial power generators for biomedical applications. Microsystem Technologies, 2006, 12, 1079-1083.	1.2	171
22	Cell capacitor sizing in multilevel converters: cases of the modular multilevel converter and alternate arm converter. IET Power Electronics, 2015, 8, 350-360.	1.5	170
23	Blending HVDC-Link Energy Storage and Offshore Wind Turbine Inertia for Fast Frequency Response. IEEE Transactions on Sustainable Energy, 2015, 6, 1059-1066.	5.9	150
24	State-space model of grid-connected inverters under current control mode. IET Electric Power Applications, 2007, 1, 329.	1.1	143
25	Increasing distributed generation penetration using soft normally-open points. , 2010, , .		138
26	Mixed-sensitivity approach to H//subâˆž/ control of power system oscillations employing multiple facts devices. IEEE Transactions on Power Systems, 2003, 18, 1149-1156.	4.6	132
27	Power processing circuits for electromagnetic, electrostatic and piezoelectric inertial energy scavengers. Microsystem Technologies, 2007, 13, 1629-1635.	1.2	123
28	Current Control Reference Calculation Issues for the Operation of Renewable Source Grid Interface VSCs Under Unbalanced Voltage Sags. IEEE Transactions on Power Electronics, 2011, 26, 3744-3753.	5.4	118
29	Multiple-Time-Scales Hierarchical Frequency Stability Control Strategy of Medium-Voltage Isolated Microgrid. IEEE Transactions on Power Electronics, 2016, 31, 5974-5991.	5.4	114
30	The Modular Multilevel Converter for High Step-Up Ratio DCâ€“DC Conversion. IEEE Transactions on Industrial Electronics, 2015, 62, 4925-4936.	5.2	112
31	Torque ripple reduction of switched reluctance motors by phase current optimal profiling. , 0, , .		110
32	Reduced-Order Models for Representing Converters in Power System Studies. IEEE Transactions on Power Electronics, 2018, 33, 3644-3654.	5.4	109
33	Fault response of grid-connected inverter dominated networks. , 2010, , .		108
34	The Extended Overlap Alternate Arm Converter: A Voltage-Source Converter With DC Fault Ride-Through Capability and a Compact Design. IEEE Transactions on Power Electronics, 2018, 33, 3898-3910.	5.4	108
35	Effects of optimised plug-in hybrid vehicle charging strategies on electric distribution network losses. , 2010, , .		106
36	Harmonic and reactive power compensation as ancillary services in inverter-based distributed generation. IET Generation, Transmission and Distribution, 2007, 1, 432.	1.4	95

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37	Fault response of inverter interfaced distributed generators in grid-connected applications. Electric Power Systems Research, 2014, 106, 21-28.	2.1	80
38	A New Resonant Modular Multilevel Step-Down DCâ€“DC Converter with Inherent-Balancing. IEEE Transactions on Power Electronics, 2015, 30, 78-88.	5.4	80
39	Predictive transient-following control of shunt and series active power filters. IEEE Transactions on Power Electronics, 2002, 17, 574-584.	5.4	79
40	Harmonic mitigation throughout a distribution system: a distributed-generator-based solution. IET Generation, Transmission and Distribution, 2006, 153, 350.	1.1	78
41	H^inftyControl of the Neutral Point in Four-Wire Three-Phase DCâ€“AC Converters. IEEE Transactions on Industrial Electronics, 2006, 53, 1594-1602.	5.2	77
42	Increasing Voltage Utilization in Split-Link, Four-Wire Inverters. IEEE Transactions on Power Electronics, 2009, 24, 1562-1569.	5.4	77
43	Estimating rotational iron losses in an induction machine. IEEE Transactions on Magnetics, 2003, 39, 3527-3533.	1.2	76
44	RCD snubber revisited. IEEE Transactions on Industry Applications, 1996, 32, 155-160.	3.3	65
45	Increasing photovoltaic penetration with local energy storage and soft normally-open points. , 2011, , .		62
46	Modelling and Analysis of Fault Behaviour of Inverter Microgrids to Aid Future Fault Detection. , 2007, , .		61
47	Switched reluctance motor control via fuzzy adaptive systems. IEEE Control Systems, 1995, 15, 8-15.	1.0	60
48	A stochastic method for battery sizing with uninterruptible-power and demand shift capabilities in PV (photovoltaic) systems. Energy, 2010, 35, 5082-5092.	4.5	60
49	Fault models of inverter-interfaced distributed generators: Experimental verification and application to fault analysis. , 2011, , .		60
50	Modular Multilevel Converter With Partially Rated Integrated Energy Storage Suitable for Frequency Support and Ancillary Service Provision. IEEE Transactions on Power Delivery, 2019, 34, 208-219.	2.9	60
51	Impedance Circuit Model of Grid-Forming Inverter: Visualizing Control Algorithms as Circuit Elements. IEEE Transactions on Power Electronics, 2021, 36, 3377-3395.	5.4	60
52	Techno-economic modelling of a solid oxide fuel cell stack for micro combined heat and power. Journal of Power Sources, 2006, 156, 321-333.	4.0	59
53	Control Coordination Within a VSC HVDC Link for Power Oscillation Damping: A Robust Decentralized Approach Using Homotopy. IEEE Transactions on Control Systems Technology, 2013, 21, 1270-1279.	3.2	58
54	Intermittent renewable generation and the cost of maintaining power system reliability. IET Generation, Transmission and Distribution, 2008, 2, 82.	1.4	56

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55	Converter circuit design, semiconductor device selection and analysis of parasitics for micropower electrostatic Generators. IEEE Transactions on Power Electronics, 2006, 21, 27-37.	5.4	54
56	Reliability Analysis of MMCs Considering Submodule Designs with Individual or Series-Operated IGBTs. IEEE Transactions on Power Delivery, 2017, 32, 666-677.	2.9	52
57	A Compact Modular Multilevel DCâ€“DC Converter for High Step-Ratio MV and HV Use. IEEE Transactions on Industrial Electronics, 2018, 65, 7060-7071.	5.2	50
58	Dynamic Overload Capability of VSC HVDC Interconnections for Frequency Support. IEEE Transactions on Energy Conversion, 2017, 32, 1544-1553.	3.7	49
59	Spectra of delta-sigma modulated inverters: an analytical treatment. IEEE Transactions on Power Electronics, 1992, 7, 644-654.	5.4	48
60	Dimensioning and Modulation Index Selection for the Hybrid Modular Multilevel Converter. IEEE Transactions on Power Electronics, 2018, 33, 3837-3851.	5.4	47
61	Resilient Secondary Voltage Control of Islanded Microgrids: An ESKBF-Based Distributed Fast Terminal Sliding Mode Control Approach. IEEE Transactions on Power Systems, 2021, 36, 1059-1070.	4.6	45
62	Three-phase step-down reversible AC-DC power converter. IEEE Transactions on Power Electronics, 1997, 12, 319-324.	5.4	44
63	Optimal charging strategies of electric vehicles in the UK power market. , 2011, , .		44
64	Inertial response from remote offshore wind farms connected through VSC-HVDC links: A Communication-less scheme. , 2012, , .		43
65	Power System Stability With a High Penetration of Inverter-Based Resources. Proceedings of the IEEE, 2023, 111, 832-853.	16.4	39
66	Wide-area power oscillation damping control through HVDC: A case study on Australian equivalent system. , 2010, , .		38
67	Analysis of perturb and observe maximum power point tracking algorithm for photovoltaic applications. , 2008, , .		37
68	An Isolated Resonant Mode Modular Converter With Flexible Modulation and Variety of Configurations for MVDC Application. IEEE Transactions on Power Delivery, 2018, 33, 508-519.	2.9	37
69	Direct Modular Multilevel Converter With Six Branches for Flexible Distribution Networks. IEEE Transactions on Power Delivery, 2016, 31, 1728-1737.	2.9	36
70	Impedance-Based Whole-System Modeling for a Composite Grid via Embedding of Frame Dynamics. IEEE Transactions on Power Systems, 2021, 36, 336-345.	4.6	32
71	Voltage balance and control in a multi-level unified power flow controller. IEEE Transactions on Power Delivery, 2001, 16, 732-738.	2.9	31
72	System stability improvement through optimal control allocation in voltage source converter-based high-voltage direct current links. IET Generation, Transmission and Distribution, 2012, 6, 811.	1.4	31

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73	Trapezoidal Current Modulation for Bidirectional High-Step-Ratio Modular DCâ€“DC Converters. IEEE Transactions on Power Electronics, 2020, 35, 3402-3415.	5.4	31
74	Application of associative memory neural networks to the control of a switched reluctance motor. , 0, , .		29
75	The new family of high step ratio modular multilevel DC-DC converters. , 2015, , .		29
76	Energy Management System with Stability Constraints for Stand-alone Autonomous Microgrid. , 2007, , .		28
77	Maximum Effectiveness of Electrostatic Energy Harvesters When Coupled to Interface Circuits. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 3098-3111.	3.5	28
78	A New Droop Coefficient Design Method for Accurate Power-Sharing in VSC-MTDC Systems. IEEE Access, 2019, 7, 47605-47614.	2.6	27
79	Losses in grid and inverter supplied induction machine drives. IET Electric Power Applications, 2003, 150, 712.	1.4	26
80	An Active-Shunt Diverter for On-load Tap Changers. IEEE Transactions on Power Delivery, 2013, 28, 649-657.	2.9	25
81	Inherent SM Voltage Balance for Multilevel Circulant Modulation in Modular Multilevel DC-DC Converters. IEEE Transactions on Power Electronics, 2021, , 1-1.	5.4	25
82	Optimal power flow for autonomous regional active network management system. , 2009, , .		24
83	Thyristor-Bypassed Submodule Power-Groups for Achieving High-Efficiency, DC Fault Tolerant Multilevel VSCs. IEEE Transactions on Power Delivery, 2018, 33, 349-359.	2.9	24
84	Thyristor/Diode-Bypassed Submodule Power Groups for Improved Efficiency in Modular Multilevel Converters. IEEE Transactions on Power Delivery, 2019, 34, 84-94.	2.9	24
85	A Power Module for Grid Inverter With In-Built Short-Circuit Fault Current Capability. IEEE Transactions on Power Electronics, 2020, 35, 10567-10579.	5.4	24
86	Participation Analysis in Impedance Models: The Grey-Box Approach for Power System Stability. IEEE Transactions on Power Systems, 2022, 37, 343-353.	4.6	24
87	Comparative Optimization Design of a Modular Multilevel Converter Tapping Cells and a 2L-VSC for Hybrid LV ac/dc Microgrids. IEEE Transactions on Industry Applications, 2019, 55, 3228-3240.	3.3	23
88	Provision of Voltage Ancillary Services Through Enhanced TSO-DSO Interaction and Aggregated Distributed Energy Resources. IEEE Transactions on Sustainable Energy, 2021, 12, 897-908.	5.9	23
89	Assessment of power losses of an inverter-driven induction machine with its experimental validation. IEEE Transactions on Industry Applications, 2003, 39, 994-1004.	3.3	21
90	Operation and Performance of Resonant Modular Multilevel Converter With Flexible Step Ratio. IEEE Transactions on Industrial Electronics, 2017, 64, 6276-6286.	5.2	21

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91	Motion-Induction Compensation to Mitigate Sub-Synchronous Oscillation in Wind Farms. IEEE Transactions on Sustainable Energy, 2020, 11, 1247-1256.	5.9	20
92	Operational Principles of Three-Phase Single Active Bridge DC/DC Converters Under Duty Cycle Control. IEEE Transactions on Power Electronics, 2020, 35, 8737-8750.	5.4	20
93	Operation of HVDC Modular Multilevel Converters under DC pole imbalances. , 2014, , .		19
94	Ratings of active power filters. IET Electric Power Applications, 2003, 150, 607.	1.4	18
95	Island in the Sea: The prospects and impacts of an offshore wind power hub in the North Sea. Advances in Applied Energy, 2022, 6, 100090.	6.6	18
96	PWM ASIC design for the three-phase bi-directional buck converter. International Journal of Electronics, 1996, 81, 603-615.	0.9	17
97	Interpreting Frame Transformations in AC Systems as Diagonalization of Harmonic Transfer Functions. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2481-2491.	3.5	17
98	Ultra-fast current differential protection with high-sensitivity for HVDC transmission lines. International Journal of Electrical Power and Energy Systems, 2021, 126, 106580.	3.3	17
99	A Pushâ€“Pull Modular-Multilevel-Converter-Based Low Step-Up Ratio DC Transformer. IEEE Transactions on Industrial Electronics, 2019, 66, 2247-2256.	5.2	16
100	Priority-Driven Self-Optimizing Power Control Scheme for Interlinking Converters of Hybrid AC/DC Microgrid Clusters in Decentralized Manner. IEEE Transactions on Power Electronics, 2022, 37, 5970-5983.	5.4	16
101	A DC Link Capacitor Voltages Control Strategy for a PWM Cascade STATCOM. , 0, , .		15
102	Modeling microgrids with active loads. , 2012, , .		15
103	Influence of frequency-droop supplementary control on disturbance propagation through VSC HVDC links. , 2013, , .		15
104	Transfverter: Imbuing Transformer-Like Properties in an Interlink Converter for Robust Control of a Hybrid ACâ€“DC Microgrid. IEEE Transactions on Power Electronics, 2019, 34, 11332-11341.	5.4	15
105	Spectral characteristics of resonant-link inverters. IEEE Transactions on Power Electronics, 1993, 8, 562-570.	5.4	14
106	A novel simulation technique for the analysis of digital asynchronous pulse width modulation. IEEE Transactions on Industry Applications, 1994, 30, 1284-1289.	3.3	14
107	Corrective Control with Transient Assistive Measures: Value Assessment for Great Britain Transmission System. IEEE Transactions on Power Systems, 2016, , 1-1.	4.6	14
108	Large Step Ratio Input-Seriesâ€“Output-Parallel Chain-Link DCâ€“DC Converter. IEEE Transactions on Power Electronics, 2019, 34, 4125-4136.	5.4	14

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109	Comparison of SOI Power Device Structures in Power Converters for High-Voltage, Low-Charge Electrostatic Microgenerators. IEEE Transactions on Electron Devices, 2005, 52, 1640-1648.	1.6	13
110	An Estimation of Economic Benefit Values of DG. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	13
111	A Low-Wear Onload Tap Changer Diverter Switch for Frequent Voltage Control on Distribution Networks. IEEE Transactions on Power Delivery, 2014, 29, 860-869.	2.9	13
112	Resonant Modular Multilevel DCâ€“DC Converters for Both High and Low Step-Ratio Connections in MVDC Distribution Systems. IEEE Transactions on Power Electronics, 2021, 36, 7625-7640.	5.4	13
113	Cascaded- and Modular-Multilevel Converter Laboratory Test System Options: A Review. IEEE Access, 2021, 9, 44718-44737.	2.6	12
114	New snubber circuit with passive energy recovery for power inverters. IET Electric Power Applications, 1996, 143, 403.	1.4	11
115	A Stochastic Simulation of Battery Sizing for Demand Shifting and Uninterruptible Power Supply Facility. , 2007, , .		11
116	Regulation of the capacitor voltages in a direct-like cascade AC-AC converter for FACTS controllers. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	11
117	A hybrid diverter design for distribution level on-load tap changers. , 2010, , .		11
118	Reduced DC circuit breaker requirement on mixed converter HVDC networks. , 2015, , .		11
119	Algorithm for soft open points to solve thermal and voltage constraints in low-voltage distribution networks. CIRED - Open Access Proceedings Journal, 2017, 2017, 1567-1570.	0.1	11
120	Analysis and Criterion for Inherent Balance Capability in Modular Multilevel DCâ€“ACâ€“DC Converters. IEEE Transactions on Power Electronics, 2020, 35, 5573-5580.	5.4	11
121	Enabling Power System Transformation Globally: A System Operator Research Agenda for Bulk Power System Issues. IEEE Power and Energy Magazine, 2021, 19, 45-55.	1.6	11
122	Noninvasive speed measurement of inverter driven induction motors. , 0, , .		10
123	A new power flow controller based on a bridge converter topology. , 0, , .		10
124	A Multi-Modular System Based On Parallel-Connected Multilevel Flying Capacitor Converters Controlled with Fundamental Frequency SPWM. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	10
125	A current-mode controlled maximum power point tracking converter for building integrated photovoltaics. , 2007, , .		10
126	Impacts of plug-in hybrid vehicles and combined heat and power technologies on electric and gas distribution network losses. , 2009, , .		10

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127	Analysis and comparison of real-time sine-wave generation for PWM circuits. IEEE Transactions on Power Electronics, 1993, 8, 46-54.	5.4	8
128	Passive lossless turn-on snubber energy recovery in high frequency power converters. , 0, , .		7
129	The impact of EMC regulations on mains-connected power converters. Power Engineering Journal, 1994, 8, 35-43.	0.2	7
130	Active filtering and load balancing with small wind energy systems. , 0, , .		7
131	Power processing issues for micro-power electrostatic generators. , 0, , .		7
132	A high density converter for mid feeder voltage regulation of low voltage distribution feeders. , 2014, , .		7
133	Reduced Dynamic Model of The Alternate Arm Converter. , 2014, , .		7
134	Distributed Active Network Management Based on Locally Estimated Voltage Sensitivity. IEEE Access, 2019, 7, 105173-105185.	2.6	7
135	Comparative Analysis of an MV Neutral Point Clamped AC-CHB Converter With DC Fault Ride-Through Capability. IEEE Transactions on Industrial Electronics, 2020, 67, 2834-2843.	5.2	7
136	A novel passive lossless soft-clamped snubber for high frequency power converters. , 0, , .		6
137	Self-tuning flexible ac transmission system controllers for power oscillation damping: a case study in real time. IET Generation, Transmission and Distribution, 2009, 3, 1079.	1.4	6
138	Techno-economical tradeoffs from embedded technologies with storage capabilities on electric and gas distribution networks. , 2010, , .		6
139	Effects of power electronic compensation on distribution network thermal and voltage violations. , 2013, , .		6
140	A Delta-Connected Modular Multilevel STATCOM With Partially-Rated Energy Storage for Provision of Ancillary Services. IEEE Transactions on Power Delivery, 2021, 36, 2893-2903.	2.9	6
141	Steady-state control of an induction motor with compensation for thermal variation of winding resistance. , 0, , .		5
142	Coordinated damping control through multiple HVDC systems: A decentralized approach. , 2011, , .		5
143	Multi-Agent System control and coordination of an electrical network. , 2012, , .		5
144	Control and coordination of a distribution network via decentralised decision making. , 2013, , .		5

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145	Control strategy of energy storage system for frequency support of autonomous microgrid. , 2015, , .		5
146	Powerâ€system level classification of voltageâ€source HVDC converter stations based upon DC fault handling capabilities. IET Renewable Power Generation, 2019, 13, 2899-2912.	1.7	5
147	Analysis and control of a moving coil electrodynamic actuator. , 0, , .		4
148	Application of Inverter-Based Distributed Generators for Harmonic Damping Throughout a Distribution Network. , 0, , .		4
149	Feasibility of domestic micro combined heat and power units with Real Time Pricing. , 2010, , .		4
150	Required VSC efficiency for zero net-loss distribution network active compensation. , 2016, , .		4
151	The isolated resonant modular multilevel converters with large step-ratio for MVDC applications. , 2017, , .		4
152	Decentralisation of power flow solution for facilitating active network management. CIRED - Open Access Proceedings Journal, 2017, 2017, 1669-1672.	0.1	4
153	A Modular Multilevel DCâ€“DC Converter With a Compact Sub-Module Stack Suited to Low Step Ratios. IEEE Transactions on Power Delivery, 2019, 34, 312-323.	2.9	4
154	On the Dynamics of Inherent Balancing of Modular Multilevel DCâ€“ACâ€“DC Converters. IEEE Transactions on Power Electronics, 2021, 36, 34-40.	5.4	4
155	Loss reduction in a synchronous reluctance drive system using DSP control. , 0, , .		3
156	Dynamic analysis of photovoltaic system with MPP locus emulation. , 2010, , .		3
157	Wind farm output smoothing through co-ordinated control and short-term wind speed prediction. , 2010, , .		3
158	Modelling and optimal switching pattern generation for AC to AC power converters. , 2010, , .		3
159	Investigation into the post-fault recovery time of a droop controlled inverter-interfaced microgrid. , 2015, , .		3
160	DC fault ride through of multilevel converters. , 2016, , .		3
161	Transformer design in a medium voltage DC/DC converter for a DC collection network. , 2017, , .		3
162	Analysis and Control of a Parallel DC Collection System for Wind Turbines with Single Active Bridge Converters. , 2018, , .		3

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163	Voltage Support from Distribution Level Resources in South-East England. , 2018, , .		3
164	The Resonant Modular Multilevel DC Converters for High Step-ratio and Low Step-ratio Interconnection in MVDC Distribution Network. , 2019, , .		3
165	Modeling of MMCs With Controlled DC-Side Fault-Blocking Capability for DC Protection Studies. IEEE Transactions on Power Electronics, 2020, 35, 5753-5769.	5.4	3
166	Analysis and Investigation of Internal AC Frequency to Minimize AC Current Magnitude and Reactive Power Circulation in Chain-Link Modular Multilevel Direct DCâ€“DC Converters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5586-5599.	3.5	3
167	A Singular Value Decomposition Approach to Servo Systems Diagnosis of CNC Machine Tools. , 2005, , .		3
168	Analysis and comparison of real-time sine-wave generation for PWM circuits. , 0, , .		2
169	Fuzzy adaptive systems applied to the control of a switched reluctance motor. , 0, , .		2
170	A combination mode for a unified power flow controller in fault recovery and with harmonic filter. , 0, , .		2
171	Choice of AC operating voltage in HV DC/AC/DC system. , 2013, , .		2
172	Steady-state voltage stability analysis and improvement strategies of microgrid with double fed induction wind generator. , 2015, , .		2
173	Soft-switching of the director switch in the alternate arm converter using blocked sub-modules. , 2017, , .		2
174	Modular Multi-level Converter for Medium Voltage Applications with Mixed Sub-module Voltages within Each Arm. , 2018, , .		2
175	Dynamic modeling, sensitivity assessment, and design of VSC-based microgrids with composite loads. Journal of Power Electronics, 2020, 20, 245-259.	0.9	2
176	Firing angle optimisation for chain cell converters. , 0, , .		1
177	Mixed-sensitivity approach to H/sub âˆž/ control of power system oscillations employing multiple FACTS devices. , 0, , .		1
178	Power Loss Minimization in Cascaded Multi-Level Converters for Distribution Networks. , 2007, , .		1
179	Introduction to the Spotlight Issue: The Educational Technology Program at the California State University, Fullerton. TechTrends, 2013, 57, 12-13.	1.4	1
180	An impedance-based method for the detection of over-load and network faults in inverter interfaced distributed generation. , 2013, , .		1

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181	Dynamic stability analysis of autonomous medium-voltage mixed-source microgrid. , 2015, , .		1
182	Analysis on Circulating Current Frequency of Chain-link Modular Multilevel DC-DC Converters for Low Step-Ratio High-Power MVDC Applications. , 2018, , .		1
183	Simplified Voltage Sensitivity Based Curtailment Arrangement for Active Network Management. , 2019, , .		1
184	A Simulation Approach to Analyse the Impacts of Battery Swap Stations for e-Motorcycles in Africa. , 2021, , .		1
185	DC Power Filter Design for a Neutral-Point Clamped Hybrid Multilevel Converter. , 2022, , .		1
186	Spectral characteristics of resonant link inverters. , 0, , .		0
187	On-line parameter measurement of induction machines. , 0, , .		0
188	The instructional design portfolio: Software to support spelling development: An instructional media design project. TechTrends, 2005, 49, 75-79.	1.4	0
189	A Singular Value Decomposition Approach to Similarity Evaluation Between Servo Loops of CNC Machine Tools. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2008, 130, .	1.3	0
190	Partial power operation of Multi-level Modular Converters under subsystem faults. , 2013, , .		0
191	Study of a resonant DC/DC converter in alternate discontinuous mode. , 2013, , .		0
192	Analysis Of DC-side Fault Response of MMCs with Controlled Fault Blocking Capability for Different Transmission Line Types. , 2020, , .		0