

Timothy C Green

List of Publications by Year in descending order

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193
papers

14,824
citations

44069

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194
all docs

194
docs citations

194
times ranked

9382
citing authors

#	ARTICLE	IF	CITATIONS
1	Power System Stability With a High Penetration of Inverter-Based Resources. Proceedings of the IEEE, 2023, 111, 832-853.	21.3	39
2	Participation Analysis in Impedance Models: The Grey-Box Approach for Power System Stability. IEEE Transactions on Power Systems, 2022, 37, 343-353.	6.5	24
3	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.	7.9	16
4	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.	13.2	18
5	DC Power Filter Design for a Neutral-Point Clamped Hybrid Multilevel Converter. , 2022, , .		1
6	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.	4.3	6
7	Impedance-Based Whole-System Modeling for a Composite Grid via Embedding of Frame Dynamics. IEEE Transactions on Power Systems, 2021, 36, 336-345.	6.5	32
8	Ultra-fast current differential protection with high-sensitivity for HVDC transmission lines. International Journal of Electrical Power and Energy Systems, 2021, 126, 106580.	5.5	17
9	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.	6.5	45
10	On the Dynamics of Inherent Balancing of Modular Multilevel DC-AC-DC Converters. IEEE Transactions on Power Electronics, 2021, 36, 34-40.	7.9	4
11	Provision of Voltage Ancillary Services Through Enhanced TSO-DSO Interaction and Aggregated Distributed Energy Resources. IEEE Transactions on Sustainable Energy, 2021, 12, 897-908.	8.8	23
12	Impedance Circuit Model of Grid-Forming Inverter: Visualizing Control Algorithms as Circuit Elements. IEEE Transactions on Power Electronics, 2021, 36, 3377-3395.	7.9	60
13	Cascaded- and Modular-Multilevel Converter Laboratory Test System Options: A Review. IEEE Access, 2021, 9, 44718-44737.	4.2	12
14	Inherent SM Voltage Balance for Multilevel Circulant Modulation in Modular Multilevel DC-DC Converters. IEEE Transactions on Power Electronics, 2021, , 1-1.	7.9	25
15	Resonant Modular Multilevel DC-DC Converters for Both High and Low Step-Ratio Connections in MVDC Distribution Systems. IEEE Transactions on Power Electronics, 2021, 36, 7625-7640.	7.9	13
16	A Simulation Approach to Analyse the Impacts of Battery Swap Stations for e-Motorcycles in Africa. , 2021, , .		1
17	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
18	Trapezoidal Current Modulation for Bidirectional High-Step-Ratio Modular DC-DC Converters. IEEE Transactions on Power Electronics, 2020, 35, 3402-3415.	7.9	31

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19	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.	7.9	7
20	Motion-Induction Compensation to Mitigate Sub-Synchronous Oscillation in Wind Farms. IEEE Transactions on Sustainable Energy, 2020, 11, 1247-1256.	8.8	20
21	Dynamic modeling, sensitivity assessment, and design of VSC-based microgrids with composite loads. Journal of Power Electronics, 2020, 20, 245-259.	1.5	2
22	Modeling of MMCs With Controlled DC-Side Fault-Blocking Capability for DC Protection Studies. IEEE Transactions on Power Electronics, 2020, 35, 5753-5769.	7.9	3
23	Analysis and Criterion for Inherent Balance Capability in Modular Multilevel DC-AC-DC Converters. IEEE Transactions on Power Electronics, 2020, 35, 5573-5580.	7.9	11
24	Analysis and Investigation of Internal AC Frequency to Minimize AC Current Magnitude and Reactive Power Circulation in Chain-Link Modular Multilevel Direct DC-DC Converters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5586-5599.	5.4	3
25	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.	5.4	17
26	A Power Module for Grid Inverter With In-Built Short-Circuit Fault Current Capability. IEEE Transactions on Power Electronics, 2020, 35, 10567-10579.	7.9	24
27	Operational Principles of Three-Phase Single Active Bridge DC/DC Converters Under Duty Cycle Control. IEEE Transactions on Power Electronics, 2020, 35, 8737-8750.	7.9	20
28	Analysis Of DC-side Fault Response of MMCs with Controlled Fault Blocking Capability for Different Transmission Line Types. , 2020, , .		0
29	Thyristor/Diode-Bypassed Submodule Power Groups for Improved Efficiency in Modular Multilevel Converters. IEEE Transactions on Power Delivery, 2019, 34, 84-94.	4.3	24
30	Large Step Ratio Input-Series-Output-Parallel Chain-Link DC-DC Converter. IEEE Transactions on Power Electronics, 2019, 34, 4125-4136.	7.9	14
31	Distributed Active Network Management Based on Locally Estimated Voltage Sensitivity. IEEE Access, 2019, 7, 105173-105185.	4.2	7
32	A New Droop Coefficient Design Method for Accurate Power-Sharing in VSC-MTDC Systems. IEEE Access, 2019, 7, 47605-47614.	4.2	27
33	Simplified Voltage Sensitivity Based Curtailment Arrangement for Active Network Management. , 2019, , .		1
34	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.	4.9	23
35	Transverter: Imbuing Transformer-Like Properties in an Interlink Converter for Robust Control of a Hybrid AC-DC Microgrid. IEEE Transactions on Power Electronics, 2019, 34, 11332-11341.	7.9	15
36	The Resonant Modular Multilevel DC Converters for High Step-ratio and Low Step-ratio Interconnection in MVDC Distribution Network. , 2019, , .		3

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37	Powerâ€system level classification of voltageâ€source HVDC converter stations based upon DC fault handling capabilities. IET Renewable Power Generation, 2019, 13, 2899-2912.	3.1	5
38	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.	4.3	4
39	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.	4.3	60
40	A Pushâ€Pull Modular-Multilevel-Converter-Based Low Step-Up Ratio DC Transformer. IEEE Transactions on Industrial Electronics, 2019, 66, 2247-2256.	7.9	16
41	A Compact Modular Multilevel DCâ€DC Converter for High Step-Ratio MV and HV Use. IEEE Transactions on Industrial Electronics, 2018, 65, 7060-7071.	7.9	50
42	Dimensioning and Modulation Index Selection for the Hybrid Modular Multilevel Converter. IEEE Transactions on Power Electronics, 2018, 33, 3837-3851.	7.9	47
43	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.	4.3	37
44	Reduced-Order Models for Representing Converters in Power System Studies. IEEE Transactions on Power Electronics, 2018, 33, 3644-3654.	7.9	109
45	Thyristor-Bypassed Submodule Power-Groups for Achieving High-Efficiency, DC Fault Tolerant Multilevel VSCs. IEEE Transactions on Power Delivery, 2018, 33, 349-359.	4.3	24
46	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.	7.9	108
47	Analysis on Circulating Current Frequency of Chain-link Modular Multilevel DC-DC Converters for Low Step-Ratio High-Power MVDC Applications. , 2018, , .		1
48	Analysis and Control of a Parallel DC Collection System for Wind Turbines with Single Active Bridge Converters. , 2018, , .		3
49	Voltage Support from Distribution Level Resources in South-East England. , 2018, , .		3
50	Modular Multi-level Converter for Medium Voltage Applications with Mixed Sub-module Voltages within Each Arm. , 2018, , .		2
51	Reliability Analysis of MMCs Considering Submodule Designs with Individual or Series-Operated IGBTs. IEEE Transactions on Power Delivery, 2017, 32, 666-677.	4.3	52
52	Operation and Performance of Resonant Modular Multilevel Converter With Flexible Step Ratio. IEEE Transactions on Industrial Electronics, 2017, 64, 6276-6286.	7.9	21
53	Soft-switching of the director switch in the alternate arm converter using blocked sub-modules. , 2017, , .		2
54	Dynamic Overload Capability of VSC HVDC Interconnections for Frequency Support. IEEE Transactions on Energy Conversion, 2017, 32, 1544-1553.	5.2	49

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55	Algorithm for soft open points to solve thermal and voltage constraints in low-voltage distribution networks. CIREN - Open Access Proceedings Journal, 2017, 2017, 1567-1570.	0.1	11
56	The isolated resonant modular multilevel converters with large step-ratio for MVDC applications. , 2017, , .		4
57	Decentralisation of power flow solution for facilitating active network management. CIREN - Open Access Proceedings Journal, 2017, 2017, 1669-1672.	0.1	4
58	Transformer design in a medium voltage DC/DC converter for a DC collection network. , 2017, , .		3
59	DC fault ride through of multilevel converters. , 2016, , .		3
60	Required VSC efficiency for zero net-loss distribution network active compensation. , 2016, , .		4
61	Corrective Control with Transient Assistive Measures: Value Assessment for Great Britain Transmission System. IEEE Transactions on Power Systems, 2016, , 1-1.	6.5	14
62	Multiple-Time-Scales Hierarchical Frequency Stability Control Strategy of Medium-Voltage Isolated Microgrid. IEEE Transactions on Power Electronics, 2016, 31, 5974-5991.	7.9	114
63	Direct Modular Multilevel Converter With Six Branches for Flexible Distribution Networks. IEEE Transactions on Power Delivery, 2016, 31, 1728-1737.	4.3	36
64	Reduced DC circuit breaker requirement on mixed converter HVDC networks. , 2015, , .		11
65	Dynamic stability analysis of autonomous medium-voltage mixed-source microgrid. , 2015, , .		1
66	Control strategy of energy storage system for frequency support of autonomous microgrid. , 2015, , .		5
67	Steady-state voltage stability analysis and improvement strategies of microgrid with double fed induction wind generator. , 2015, , .		2
68	Blending HVDC-Link Energy Storage and Offshore Wind Turbine Inertia for Fast Frequency Response. IEEE Transactions on Sustainable Energy, 2015, 6, 1059-1066.	8.8	150
69	The Modular Multilevel Converter for High Step-Up Ratio DC-DC Conversion. IEEE Transactions on Industrial Electronics, 2015, 62, 4925-4936.	7.9	112
70	The new family of high step ratio modular multilevel DC-DC converters. , 2015, , .		29
71	Cell capacitor sizing in multilevel converters: cases of the modular multilevel converter and alternate arm converter. IET Power Electronics, 2015, 8, 350-360.	2.1	170
72	Investigation into the post-fault recovery time of a droop controlled inverter-interfaced microgrid. , 2015, , .		3

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73	A New Resonant Modular Multilevel Step-Down DC-DC Converter with Inherent-Balancing. IEEE Transactions on Power Electronics, 2015, 30, 78-88.	7.9	80
74	A high density converter for mid feeder voltage regulation of low voltage distribution feeders. , 2014, , .		7
75	Operation of HVDC Modular Multilevel Converters under DC pole imbalances. , 2014, , .		19
76	Fault response of inverter interfaced distributed generators in grid-connected applications. Electric Power Systems Research, 2014, 106, 21-28.	3.6	80
77	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.	7.9	233
78	High-Frequency Operation of a DC/AC/DC System for HVDC Applications. IEEE Transactions on Power Electronics, 2014, 29, 4107-4115.	7.9	279
79	The Alternate Arm Converter: A New Hybrid Multilevel Converter With DC-Fault Blocking Capability. IEEE Transactions on Power Delivery, 2014, 29, 310-317.	4.3	342
80	Reduced Dynamic Model of The Alternate Arm Converter. , 2014, , .		7
81	A Low-Wear Onload Tap Changer Diverter Switch for Frequent Voltage Control on Distribution Networks. IEEE Transactions on Power Delivery, 2014, 29, 860-869.	4.3	13
82	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.	5.2	58
83	Introduction to the Spotlight Issue: The Educational Technology Program at the California State University, Fullerton. TechTrends, 2013, 57, 12-13.	2.3	1
84	An impedance-based method for the detection of over-load and network faults in inverter interfaced distributed generation. , 2013, , .		1
85	Dynamic Stability of a Microgrid With an Active Load. IEEE Transactions on Power Electronics, 2013, 28, 5107-5119.	7.9	399
86	Benefits of Distribution-Level Power Electronics for Supporting Distributed Generation Growth. IEEE Transactions on Power Delivery, 2013, 28, 911-919.	4.3	199
87	An Active-Shunt Diverter for On-load Tap Changers. IEEE Transactions on Power Delivery, 2013, 28, 649-657.	4.3	25
88	Effects of power electronic compensation on distribution network thermal and voltage violations. , 2013, , .		6
89	Influence of frequency-droop supplementary control on disturbance propagation through VSC HVDC links. , 2013, , .		15
90	Control and coordination of a distribution network via decentralised decision making. , 2013, , .		5

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91	Choice of AC operating voltage in HV DC/AC/DC system. , 2013, , .		2
92	Partial power operation of Multi-level Modular Converters under subsystem faults. , 2013, , .		0
93	Study of a resonant DC/DC converter in alternate discontinuous mode. , 2013, , .		0
94	Multi-Agent System control and coordination of an electrical network. , 2012, , .		5
95	Maximum Effectiveness of Electrostatic Energy Harvesters When Coupled to Interface Circuits. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 3098-3111.	5.4	28
96	Inertial response from remote offshore wind farms connected through VSC-HVDC links: A Communication-less scheme. , 2012, , .		43
97	Modeling microgrids with active loads. , 2012, , .		15
98	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.	2.5	31
99	Communication Infrastructures for Distributed Control of Power Distribution Networks. IEEE Transactions on Industrial Informatics, 2011, 7, 316-327.	11.3	223
100	Coordinated damping control through multiple HVDC systems: A decentralized approach. , 2011, , .		5
101	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.	7.9	118
102	Optimal charging strategies of electric vehicles in the UK power market. , 2011, , .		44
103	Fault models of inverter-interfaced distributed generators: Experimental verification and application to fault analysis. , 2011, , .		60
104	Increasing photovoltaic penetration with local energy storage and soft normally-open points. , 2011, , .		62
105	A stochastic method for battery sizing with uninterruptible-power and demand shift capabilities in PV (photovoltaic) systems. Energy, 2010, 35, 5082-5092.	8.8	60
106	Dynamic analysis of photovoltaic system with MPP locus emulation. , 2010, , .		3
107	Wind farm output smoothing through co-ordinated control and short-term wind speed prediction. , 2010, , .		3
108	Increasing distributed generation penetration using soft normally-open points. , 2010, , .		138

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109	Techno-economical tradeoffs from embedded technologies with storage capabilities on electric and gas distribution networks. , 2010, , .		6
110	Fault response of grid-connected inverter dominated networks. , 2010, , .		108
111	Modelling and optimal switching pattern generation for AC to AC power converters. , 2010, , .		3
112	Wide-area power oscillation damping control through HVDC: A case study on Australian equivalent system. , 2010, , .		38
113	Effects of optimised plug-in hybrid vehicle charging strategies on electric distribution network losses. , 2010, , .		106
114	Feasibility of domestic micro combined heat and power units with Real Time Pricing. , 2010, , .		4
115	A hybrid diverter design for distribution level on-load tap changers. , 2010, , .		11
116	Optimal power flow for autonomous regional active network management system. , 2009, , .		24
117	Impacts of plug-in hybrid vehicles and combined heat and power technologies on electric and gas distribution network losses. , 2009, , .		10
118	Increasing Voltage Utilization in Split-Link, Four-Wire Inverters. IEEE Transactions on Power Electronics, 2009, 24, 1562-1569.	7.9	77
119	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.	2.5	6
120	Energy Harvesting From Human and Machine Motion for Wireless Electronic Devices. Proceedings of the IEEE, 2008, 96, 1457-1486.	21.3	1,522
121	Energy Management in Autonomous Microgrid Using Stability-Constrained Droop Control of Inverters. IEEE Transactions on Power Electronics, 2008, 23, 2346-2352.	7.9	679
122	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
123	Analysis of perturb and observe maximum power point tracking algorithm for photovoltaic applications. , 2008, , .		37
124	Intermittent renewable generation and the cost of maintaining power system reliability. IET Generation, Transmission and Distribution, 2008, 2, 82.	2.5	56
125	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, .	2.2	0
126	A Stochastic Simulation of Battery Sizing for Demand Shifting and Uninterruptible Power Supply Facility. , 2007, , .		11

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127	Power Loss Minimization in Cascaded Multi-Level Converters for Distribution Networks. , 2007, , .		1
128	Modeling, Analysis and Testing of Autonomous Operation of an Inverter-Based Microgrid. IEEE Transactions on Power Electronics, 2007, 22, 613-625.	7.9	2,337
129	Harmonic and reactive power compensation as ancillary services in inverter-based distributed generation. IET Generation, Transmission and Distribution, 2007, 1, 432.	2.5	95
130	Modelling and Analysis of Fault Behaviour of Inverter Microgrids to Aid Future Fault Detection. , 2007, , .		61
131	An Estimation of Economic Benefit Values of DG. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	13
132	A current-mode controlled maximum power point tracking converter for building integrated photovoltaics. , 2007, , .		10
133	Real-World MicroGrids-An Overview. , 2007, , .		236
134	Energy Management System with Stability Constraints for Stand-alone Autonomous Microgrid. , 2007, , .		28
135	Control of inverter-based micro-grids. Electric Power Systems Research, 2007, 77, 1204-1213.	3.6	282
136	State-space model of grid-connected inverters under current control mode. IET Electric Power Applications, 2007, 1, 329.	1.8	143
137	Power processing circuits for electromagnetic, electrostatic and piezoelectric inertial energy scavengers. Microsystem Technologies, 2007, 13, 1629-1635.	2.0	123
138	Converter circuit design, semiconductor device selection and analysis of parasitics for micropower electrostatic Generators. IEEE Transactions on Power Electronics, 2006, 21, 27-37.	7.9	54
139	High-Quality Power Generation Through Distributed Control of a Power Park Microgrid. IEEE Transactions on Industrial Electronics, 2006, 53, 1471-1482.	7.9	261
140	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
141	\$H^{\infty}\$Control of the Neutral Point in Four-Wire Three-Phase DC-AC Converters. IEEE Transactions on Industrial Electronics, 2006, 53, 1594-1602.	7.9	77
142	Optimization of inertial micropower Generators for human walking motion. IEEE Sensors Journal, 2006, 6, 28-38.	4.7	172
143	Techno-economic modelling of a solid oxide fuel cell stack for micro combined heat and power. Journal of Power Sources, 2006, 156, 321-333.	7.8	59
144	Mems inertial power generators for biomedical applications. Microsystem Technologies, 2006, 12, 1079-1083.	2.0	171

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145	Harmonic mitigation throughout a distribution system: a distributed-generator-based solution. IET Generation, Transmission and Distribution, 2006, 153, 350.	1.1	78
146	Control techniques for active power filters. IET Electric Power Applications, 2005, 152, 369.	1.4	179
147	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.	3.0	13
148	The instructional design portfolio: Software to support spelling development: An instructional media design project. TechTrends, 2005, 49, 75-79.	2.3	0
149	Fuel Consumption Minimization of a Microgrid. IEEE Transactions on Industry Applications, 2005, 41, 673-681.	4.9	442
150	A Singular Value Decomposition Approach to Servo Systems Diagnosis of CNC Machine Tools. , 2005, , .		3
151	MEMS electrostatic micropower generator for low frequency operation. Sensors and Actuators A: Physical, 2004, 115, 523-529.	4.1	539
152	Correction to "Repetitive Control of DC-AC Converters in Microgrids". IEEE Transactions on Power Electronics, 2004, 19, 567-567.	7.9	0
153	Architectures for Vibration-Driven Micropower Generators. Journal of Microelectromechanical Systems, 2004, 13, 429-440.	2.5	594
154	"Repetitive Control of DC-AC Converters in Microgrids. IEEE Transactions on Power Electronics, 2004, 19, 219-230.	7.9	179
155	Ratings of active power filters. IET Electric Power Applications, 2003, 150, 607.	1.4	18
156	Losses in grid and inverter supplied induction machine drives. IET Electric Power Applications, 2003, 150, 712.	1.4	26
157	Estimating rotational iron losses in an induction machine. IEEE Transactions on Magnetics, 2003, 39, 3527-3533.	2.1	76
158	Control and filter design of three-phase inverters for high power quality grid connection. IEEE Transactions on Power Electronics, 2003, 18, 373-380.	7.9	352
159	Assessment of power losses of an inverter-driven induction machine with its experimental validation. IEEE Transactions on Industry Applications, 2003, 39, 994-1004.	4.9	21
160	Mixed-sensitivity approach to H_{∞} control of power system oscillations employing multiple facts devices. IEEE Transactions on Power Systems, 2003, 18, 1149-1156.	6.5	132
161	Predictive transient-following control of shunt and series active power filters. IEEE Transactions on Power Electronics, 2002, 17, 574-584.	7.9	79
162	A comparison of high-power converter topologies for the implementation of FACTS controllers. IEEE Transactions on Industrial Electronics, 2002, 49, 1072-1080.	7.9	229

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163	Voltage balance and control in a multi-level unified power flow controller. IEEE Transactions on Power Delivery, 2001, 16, 732-738.	4.3	31
164	Three-phase step-down reversible AC-DC power converter. IEEE Transactions on Power Electronics, 1997, 12, 319-324.	7.9	44
165	RCD snubber revisited. IEEE Transactions on Industry Applications, 1996, 32, 155-160.	4.9	65
166	New snubber circuit with passive energy recovery for power inverters. IET Electric Power Applications, 1996, 143, 403.	1.4	11
167	PWM ASIC design for the three-phase bi-directional buck converter. International Journal of Electronics, 1996, 81, 603-615.	1.4	17
168	Switched reluctance motor control via fuzzy adaptive systems. IEEE Control Systems, 1995, 15, 8-15.	0.8	60
169	The impact of EMC regulations on mains-connected power converters. Power Engineering Journal, 1994, 8, 35-43.	0.1	7
170	A novel simulation technique for the analysis of digital asynchronous pulse width modulation. IEEE Transactions on Industry Applications, 1994, 30, 1284-1289.	4.9	14
171	Analysis and comparison of real-time sine-wave generation for PWM circuits. IEEE Transactions on Power Electronics, 1993, 8, 46-54.	7.9	8
172	Spectral characteristics of resonant-link inverters. IEEE Transactions on Power Electronics, 1993, 8, 562-570.	7.9	14
173	Spectra of delta-sigma modulated inverters: an analytical treatment. IEEE Transactions on Power Electronics, 1992, 7, 644-654.	7.9	48
174	Steady-state control of an induction motor with compensation for thermal variation of winding resistance. , 0, , .		5
175	Noninvasive speed measurement of inverter driven induction motors. , 0, , .		10
176	Analysis and comparison of real-time sine-wave generation for PWM circuits. , 0, , .		2
177	Spectral characteristics of resonant link inverters. , 0, , .		0
178	Torque ripple reduction of switched reluctance motors by phase current optimal profiling. , 0, , .		110
179	Passive lossless turn-on snubber energy recovery in high frequency power converters. , 0, , .		7
180	Application of associative memory neural networks to the control of a switched reluctance motor. , 0, , .		29

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181	On-line parameter measurement of induction machines. , 0, , .		0
182	A novel passive lossless soft-clamped snubber for high frequency power converters. , 0, , .		6
183	Analysis and control of a moving coil electrodynamic actuator. , 0, , .		4
184	Fuzzy adaptive systems applied to the control of a switched reluctance motor. , 0, , .		2
185	Loss reduction in a synchronous reluctance drive system using DSP control. , 0, , .		3
186	A combination mode for a unified power flow controller in fault recovery and with harmonic filter. , 0, , .		2
187	Firing angle optimisation for chain cell converters. , 0, , .		1
188	Active filtering and load balancing with small wind energy systems. , 0, , .		7
189	Mixed-sensitivity approach to H_{∞} control of power system oscillations employing multiple FACTS devices. , 0, , .		1
190	Power processing issues for micro-power electrostatic generators. , 0, , .		7
191	A new power flow controller based on a bridge converter topology. , 0, , .		10
192	Application of Inverter-Based Distributed Generators for Harmonic Damping Throughout a Distribution Network. , 0, , .		4
193	A DC Link Capacitor Voltages Control Strategy for a PWM Cascade STATCOM. , 0, , .		15