

Dong-Choon Lee

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	DC-bus voltage control of three-phase AC/DC PWM converters using feedback linearization. IEEE Transactions on Industry Applications, 2000, 36, 826-833.	4.9	262
2	LVRT Scheme of PMSG Wind Power Systems Based on Feedback Linearization. IEEE Transactions on Power Electronics, 2012, 27, 2376-2384.	7.9	241
3	A Fault Ride-Through Technique of DFIG Wind Turbine Systems Using Dynamic Voltage Restorers. IEEE Transactions on Energy Conversion, 2011, 26, 871-882.	5.2	239
4	A novel overmodulation technique for space-vector PWM inverters. IEEE Transactions on Power Electronics, 1998, 13, 1144-1151.	7.9	204
5	Advanced Pitch Angle Control Based on Fuzzy Logic for Variable-Speed Wind Turbine Systems. IEEE Transactions on Energy Conversion, 2015, 30, 578-587.	5.2	183
6	Feedback Linearization Control of Three-Phase UPS Inverter Systems. IEEE Transactions on Industrial Electronics, 2010, 57, 963-968.	7.9	164
7	MPPT Control of Wind Generation Systems Based on Estimated Wind Speed Using SVR. IEEE Transactions on Industrial Electronics, 2008, 55, 1489-1490.	7.9	160
8	Control of Single-Phase-to-Three-Phase AC/DC/AC PWM Converters for Induction Motor Drives. IEEE Transactions on Industrial Electronics, 2007, 54, 797-804.	7.9	158
9	Fault Diagnosis of DC-Link Capacitors in Three-Phase AC/DC PWM Converters by Online Estimation of Equivalent Series Resistance. IEEE Transactions on Industrial Electronics, 2013, 60, 4118-4127.	7.9	154
10	Maximum Output Power Tracking Control in Variable-Speed Wind Turbine Systems Considering Rotor Inertial Power. IEEE Transactions on Industrial Electronics, 2013, 60, 3207-3217.	7.9	145
11	Advanced Fault Ride-Through Technique for PMSG Wind Turbine Systems Using Line-Side Converter as STATCOM. IEEE Transactions on Industrial Electronics, 2013, 60, 2842-2850.	7.9	127
12	High-Efficiency Hybrid LLC Resonant Converter for On-Board Chargers of Plug-In Electric Vehicles. IEEE Transactions on Power Electronics, 2020, 35, 8324-8334.	7.9	122
13	A Series-Connected Topology of a Diode Rectifier and a Voltage-Source Converter for an HVDC Transmission System. IEEE Transactions on Power Electronics, 2014, 29, 1579-1584.	7.9	116
14	AC voltage and current sensorless control of three-phase PWM rectifiers. IEEE Transactions on Power Electronics, 2002, 17, 883-890.	7.9	112
15	DC-Link Capacitance Minimization in T-Type Three-Level AC/DC/AC PWM Converters. IEEE Transactions on Industrial Electronics, 2015, 62, 1382-1391.	7.9	100
16	Control of Series Active Power Filters Compensating for Source Voltage Unbalance and Current Harmonics. IEEE Transactions on Industrial Electronics, 2004, 51, 132-139.	7.9	98
17	High performance current regulator for a field-oriented controlled induction motor drive. IEEE Transactions on Industry Applications, 1994, 30, 1247-1257.	4.9	94
18	Voltage and Current Regulations of Bidirectional Isolated Dual-Active-Bridge DC-DC Converters Based on a Double-Integral Sliding Mode Control. IEEE Transactions on Power Electronics, 2019, 34, 6937-6946.	7.9	93

#	ARTICLE	IF	CITATIONS
19	DC-Link Capacitance Estimation in AC/DC/AC PWM Converters Using Voltage Injection. IEEE Transactions on Industry Applications, 2008, 44, 1631-1637.	4.9	90
20	Sensorless speed control of nonsalient permanent-magnet synchronous motor using rotor-position-tracking PI controller. IEEE Transactions on Industrial Electronics, 2006, 53, 399-405.	7.9	89
21	Deterioration Monitoring of DC-Link Capacitors in AC Machine Drives by Current Injection. IEEE Transactions on Power Electronics, 2015, 30, 1126-1130.	7.9	85
22	High-Efficiency SiC-Based Isolated Three-Port DC/DC Converters for Hybrid Charging Stations. IEEE Transactions on Power Electronics, 2020, 35, 10455-10465.	7.9	84
23	Diagnosis and Fault-Tolerant Control of Three-Phase AC-DC PWM Converter Systems. IEEE Transactions on Industry Applications, 2013, 49, 1539-1547.	4.9	81
24	A Novel Six-Level Inverter Topology for Medium-Voltage Applications. IEEE Transactions on Industrial Electronics, 2016, 63, 7195-7203.	7.9	80
25	Online capacitance estimation of DC-link electrolytic capacitors for three-phase AC-DC-AC PWM converters using recursive least squares method. IET Electric Power Applications, 2005, 152, 1503.	1.4	77
26	Operation and Control Scheme of a Five-Level Hybrid Inverter for Medium-Voltage Motor Drives. IEEE Transactions on Power Electronics, 2018, 33, 10178-10187.	7.9	73
27	Fault diagnosis of three-parallel voltage-source converter for a high-power wind turbine. IET Power Electronics, 2012, 5, 1058-1067.	2.1	72
28	Variable speed wind power generation system based on fuzzy logic control for maximum output power tracking. , 0, , .		71
29	Onboard Battery Chargers for Plug-in Electric Vehicles With Dual Functional Circuit for Low-Voltage Battery Charging and Active Power Decoupling. IEEE Access, 2018, 6, 70212-70222.	4.2	71
30	Diagnosis Methods for IGBT Open Switch Fault Applied to 3-Phase AC/DC PWM Converter. Journal of Power Electronics, 2012, 12, 120-127.	1.5	62
31	Reduction of Common-Mode Voltages for Five-Level Active NPC Inverters by the Space-Vector Modulation Technique. IEEE Transactions on Industry Applications, 2017, 53, 1289-1299.	4.9	58
32	High performance current regulator for a field-oriented controlled induction motor drive. , 0, , .		56
33	Analysis and compensation of current measurement error in vector controlled AC motor drives. , 0, , .		55
34	Condition monitoring of submodule capacitors in modular multilevel converters. , 2014, , .		53
35	Resonance Suppression Based on PR Control for Single-Phase Grid-Connected Inverters With Filters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 459-467.	5.4	51
36	Design of Sliding-Mode Speed Controller With Active Damping Control for Single-Inverter Dual-PMSM Drive Systems. IEEE Transactions on Power Electronics, 2021, 36, 5794-5801.	7.9	51

#	ARTICLE	IF	CITATIONS
37	Elimination of Common-Mode Voltages Based on Modified SVPWM in Five-Level ANPC Inverters. IEEE Transactions on Power Electronics, 2019, 34, 173-183.	7.9	50
38	Detection and identification of multiple IGBT open-circuit faults in PWM inverters for AC machine drives. IET Power Electronics, 2019, 12, 923-931.	2.1	46
39	A Novel SiC-Based Multifunctional Onboard Battery Charger for Plug-In Electric Vehicles. IEEE Transactions on Power Electronics, 2021, 36, 5635-5646.	7.9	43
40	Control of series active power filters compensating for source voltage unbalance and current harmonics. , 0, , .		41
41	Ride-Through Technique for PMSG Wind Turbines using Energy Storage Systems. Journal of Power Electronics, 2010, 10, 733-738.	1.5	41
42	Automatic Mode Switching of P/PI Speed Control for Industry Servo Drives Using Online Spectrum Analysis of Torque Command. IEEE Transactions on Industrial Electronics, 2007, 54, 2642-2647.	7.9	36
43	Power loss comparison in two- and three-level PWM converters. , 2011, , .		36
44	Advanced SOGI-FLL Scheme Based on Fuzzy Logic for Single-Phase Grid-Connected Converters. Journal of Power Electronics, 2014, 14, 598-607.	1.5	34
45	Control of Back-to-Back PWM Converters for DFIG Wind Turbine Systems under Unbalanced Grid Voltage. , 2007, , .		33
46	Advanced nonlinear control of three-phase PWM rectifiers. IET Electric Power Applications, 2000, 147, 361.	1.4	29
47	Voltage Balancing Control of IPOS Modular Dual Active Bridge DC/DC Converters Based on Hierarchical Sliding Mode Control. IEEE Access, 2019, 7, 9989-9997.	4.2	29
48	A Simple and Robust Sensorless Control Based on Stator Current Vector for PMSG Wind Power Systems. IEEE Access, 2019, 7, 8070-8080.	4.2	25
49	Improved LVRT Capability and Power Smoothing of DFIG Wind Turbine Systems. Journal of Power Electronics, 2011, 11, 568-575.	1.5	24
50	Ride-through strategy for DFIG wind turbine systems using dynamic voltage restorers. , 2009, , .		23
51	An Improved Control Method for a DFIG in a Wind Turbine under an Unbalanced Grid Voltage Condition. Journal of Electrical Engineering and Technology, 2010, 5, 614-622.	2.0	23
52	Robust control of PMSG wind turbine systems with back-to-back PWM converters. , 2010, , .		22
53	Single-phase multifunctional onboard battery chargers with active power decoupling capability. , 2018, , .		22
54	Coordinated Control of Reactive Power between STATCOMs and Wind Farms for PCC Voltage Regulation. Journal of Power Electronics, 2013, 13, 909-918.	1.5	21

#	ARTICLE	IF	CITATIONS
55	Sliding mode control of bi-directional dual active bridge DC/DC converters for battery energy storage systems. , 2017, , .		20
56	LQG based speed controller for torsional vibration suppression in 2-mass motor drive system. , 0, , .		19
57	Dynamic Modeling and Control of Wind Turbines for Grid-Connected Wind Generation System. , 0, , .		19
58	Active and Reactive Power Control of DFIG for Wind Energy Conversion under Unbalanced Grid Voltage. , 2006, , .		19
59	Reducing the dc-Link Capacitance: A Bridgeless PFC Boost Rectifier That Reduces the Second-Order Power Ripple at the dc Output. IEEE Industry Applications Magazine, 2018, 24, 23-34.	0.4	19
60	Active Damping of LLCL Filters Using PR Control for Grid-Connected Three-Level T-Type Converters. Journal of Power Electronics, 2015, 15, 786-795.	1.5	19
61	Linear control of inverter output voltage in overmodulation. IEEE Transactions on Industrial Electronics, 1997, 44, 590-592.	7.9	18
62	Feedback linearization control of three-phase AC/DC PWM converters with LCL input filters. , 2007, , .		18
63	Improvement of power quality for PMSG wind turbine systems. , 2010, , .		18
64	Advanced Single-Phase Onboard Chargers with Small DC-Link Capacitors. , 2018, , .		18
65	Design of Passivity-Based Damping Controller for Suppressing Power Oscillations in DC Microgrids. IEEE Transactions on Power Electronics, 2021, 36, 4016-4028.	7.9	18
66	Sensorless Control of DFIG Wind Turbine Systems Based on SOGI and Rotor Position Correction. IEEE Transactions on Power Electronics, 2021, 36, 5486-5495.	7.9	17
67	Fault Tolerant Control of DC-Link Voltage Sensor for Three-Phase AC/DC/AC PWM Converters. Journal of Power Electronics, 2014, 14, 695-703.	1.5	17
68	Output voltage control of PWM inverters for stand-alone wind power generation systems using feedback linearization. , 0, , .		16
69	Modulation of Bidirectional AC/DC Converters Based on Half-Bridge Direct-Matrix Structure. IEEE Transactions on Power Electronics, 2020, 35, 12657-12662.	7.9	16
70	Simple Estimation Scheme for Initial Rotor Position and Inductances for Effective MTPA-Operation in Wind-Power Systems using an IPMSM. Journal of Power Electronics, 2010, 10, 396-404.	1.5	16
71	Condition Monitoring of Lithium Polymer Batteries Based on a Sigma-Point Kalman Filter. Journal of Power Electronics, 2012, 12, 778-786.	1.5	16
72	Control of PWM current source converter and inverter system for high performance induction motor drives. , 0, , .		15

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73	Sensorless vector control of SCIG-based small wind turbine systems using cascaded second-order generalized integrators. <i>Journal of Power Electronics</i> , 2020, 20, 764-773.	1.5	15
74	Maximum output power control of wind generation system considering loss minimization of machines. , 0, , .		14
75	Grid Connection of Doubly-Fed Induction Generators in Wind Energy Conversion System. , 2006, , .		14
76	Current Stress Reduction and Voltage Total Harmonic Distortion Improvement of Flying-Capacitor Modular Multilevel Converters for AC Machine Drive Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 90-100.	7.9	14
77	Capacitance Estimation of the Submodule Capacitors in Modular Multilevel Converters for HVDC Applications. <i>Journal of Power Electronics</i> , 2016, 16, 1752-1762.	1.5	14
78	Active and Reactive Power Control of DFIG for Wind Energy Conversion under Unbalanced Grid Voltage. , 2006, , .		13
79	Reduction of Current Ripples due to Current Measurement Errors in a Doubly Fed Induction Generator. <i>Journal of Power Electronics</i> , 2010, 10, 313-319.	1.5	13
80	Control Mode Switching of Induction Machine Drives between Vector Control and V/f Control in Overmodulation Range. <i>Journal of Power Electronics</i> , 2011, 11, 846-855.	1.5	13
81	Identification of DC-Link Capacitance for Single-Phase AC/DC PWM Converters. <i>Journal of Power Electronics</i> , 2010, 10, 270-276.	1.5	13
82	Control of offshore wind farms based on HVDC. , 2012, , .		12
83	Reduction of Half-Arm Current Stresses and Flying-Capacitor Voltage Ripples of Flying-Capacitor MMCs. <i>IEEE Access</i> , 2020, 8, 180076-180086.	4.2	12
84	Advanced Grid Synchronization Scheme Based on Dual eSOGI-FLL for Grid-Feeding Converters. <i>IEEE Transactions on Power Electronics</i> , 2022, 37, 7218-7229.	7.9	12
85	Voltage control of PWM converters using feedback linearization. , 0, , .		11
86	High Performance Control of Three-Phase PWM Converters under Nonideal Source Voltage. , 2006, , .		11
87	Grid Connection of Doubly-Fed Induction Generators in Wind Energy Conversion System. , 2006, , .		11
88	Low-cost converters for micro wind turbine systems using PMSC. , 2007, , .		11
89	Sensorless control of PM synchronous generators for micro wind turbines. , 2008, , .		11
90	High-Performance Control of Three-Phase Four-Wire DVR Systems using Feedback Linearization. <i>Journal of Power Electronics</i> , 2016, 16, 351-361.	1.5	11

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91	Protection of the MMCs of HVDC Transmission Systems against DC Short-Circuit Faults. Journal of Power Electronics, 2017, 17, 242-252.	1.5	11
92	Loss Minimization Control for Doubly-Fed Induction Generators in Variable Speed Wind Turbines. , 2007, , .		10
93	Output power smoothening of variable-speed wind turbine systems by pitch angle control. , 2012, , .		10
94	Analysis and Design of DC-Bus Voltage Controller of Energy Storage Systems in DC Microgrids. IEEE Access, 2019, 7, 126696-126708.	4.2	10
95	A Modular Multilevel Converter Topology With Novel Middle Submodules to Reduce Capacitor Voltage Fluctuations. IEEE Transactions on Power Electronics, 2022, 37, 70-75.	7.9	10
96	Control Strategy for Three-Phase Grid-Connected Converters under Unbalanced and Distorted Grid Voltages Using Composite Observers. Journal of Power Electronics, 2013, 13, 469-478.	1.5	10
97	Inverter Output Voltage Control of Three-Phase UPS Systems Using Feedback Linearization. , 2007, , .		9
98	Advanced single-phase SOGI-FLL using self-tuning gain based on fuzzy logic. , 2013, , .		9
99	A novel submodule topology of MMC for blocking DC-fault currents in HVDC transmission systems. , 2015, , .		9
100	A novel HVDC-link based on hybrid voltage-source converters. , 2015, , .		9
101	Battery charger with small DC-link capacitors for G2V applications. , 2016, , .		9
102	An Improved Low-Voltage Charging Circuit for Single-Phase Onboard Battery Chargers. , 2019, , .		9
103	Developing Function Models of Back-to-Back PWM Converters for Simplified Simulation. Journal of Power Electronics, 2011, 11, 51-58.	1.5	9
104	Novel Control Scheme for Five-Level Hybrid Flying-Capacitor Inverters Without DC-Link Balancing Circuits. IEEE Transactions on Power Electronics, 2022, 37, 8133-8145.	7.9	9
105	Fault diagnosis of three-phase PWM inverters using wavelet and SVM. , 2008, , .		8
106	A novel current control scheme of grid converters for small PMSG wind turbines under grid voltage distortion. , 2012, , .		8
107	Output voltage regulation of IPOS modular dual active bridge DC/DC converters using sliding mode control. , 2018, , .		8
108	A Generalized Loss Analysis Algorithm of Power Semiconductor Devices in Multilevel NPC Inverters. Journal of Electrical Engineering and Technology, 2014, 9, 2168-2180.	2.0	8

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109	Comparison of AC current regulators for IGBT inverter. , 0, , .		7
110	Control of three-phase grid converters based on composite observer for unbalanced and distorted grid voltage. , 2012, , .		7
111	A cost-effective converter system for HVDC links integrated with offshore wind farms. , 2013, , .		7
112	Robust voltage control of dual active bridge DC-DC converters using sliding mode control. , 2016, , .		7
113	Common-mode voltage suppression based on auxiliary leg for three-level NPC inverters. , 2017, , .		7
114	Advanced LVRT strategy for SCIG-based wind energy conversion systems using feedback linearization and sliding mode control. Journal of Power Electronics, 2021, 21, 1180.	1.5	7
115	Fault Diagnosis and Fault-Tolerant Control of DC-link Voltage Sensor for Two-stage Three-Phase Grid-Connected PV Inverters. Journal of Electrical Engineering and Technology, 2013, 8, 752-759.	2.0	7
116	SVR-based Wind Speed Estimation for Power Control of Wind Energy Generation System. , 2007, , .		6
117	A novel SVPWM scheme for common-mode voltage reduction in five-level active NPC inverters. , 2015, , .		6
118	Compensation of misalignment effect of hall sensors for BLDC motor drives. , 2017, , .		6
119	Variable speed control of diesel engine-generator using sliding mode control. , 2017, , .		6
120	Decoupling Control of Input-Paralleled System with Dual Active Bridge Converters. , 2019, , .		6
121	Semi-Modular Solid-State Transformers With Reduced Count of Components Based on Single-Stage AC/DC Converters. IEEE Transactions on Power Electronics, 2022, 37, 8177-8189.	7.9	6
122	Fault detection and tolerant control for flying-capacitor modular multilevel converters feeding induction motor drives. Journal of Power Electronics, 2022, 22, 947-958.	1.5	6
123	Implementation of naturally sampled space vector modulation eliminating microprocessors. , 0, , .		5
124	Torque Ripple Elimination for Doubly-Fed Induction Motors under Unbalanced Source Voltage. , 2007, , .		5
125	Bootstrap power supply for three-level neutral-point-clamped voltage source inverters. , 2012, , .		5
126	Fault tolerant control strategy of 3-phase AC-DC PWM converter under multiple open-switch faults conditions. , 2012, , .		5

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127	Active damping control of LLCL filters for three-level t-type grid converters. , 2014, , .		5
128	Active damping control of LLCL filters based on virtual resistor for T-type three-level PWM converters. , 2014, , .		5
129	Three-phase flying-capacitor MMC with six coupled inductors. Journal of Power Electronics, 2020, 20, 916-925.	1.5	5
130	Sinusoidal Current Control of Single-Phase PWM Converters under Voltage Source Distortion Using Composite Observer. The Transactions of the Korean Institute of Power Electronics, 2011, 16, 466-476.	0.1	5
131	Spectral analysis of DC link ripple currents in three-phase AC/DC/AC PWM converters feeding AC machines. , 0, , .		4
132	Low-cost single-phase to three-phase PWM AC/DC/AC converters without source voltage sensor. , 0, , .		4
133	Diagnosis and fault-tolerant control of 3-phase AC-DC PWM converter system. , 2011, , .		4
134	Resonance suppression scheme in single-phase grid inverters with LLCL filters. , 2014, , .		4
135	Comparison of power losses in single-phase to three-phase AC/DC/AC PWM converters. , 2015, , .		4
136	Loss Minimization Control of Sensorless Scalar-Controlled Induction Motor Drives Considering Iron Loss. , 2018, , .		4
137	Sensorless Control Scheme of DFIG Wind Energy Conversion Systems Based on SOGIs and FLL. , 2019, , .		4
138	Integration of Coupled Inductors for Compact Design of Flying-Capacitor Modular Multilevel Converters. , 2019, , .		4
139	Passive Soft-Switching Circuit for High Power Density SiC-Based DC-DC Boost Converter. , 2020, , .		4
140	A Modified Hybrid Modular Multilevel Converter with Reduced Capacitor Voltage Fluctuations and Fault-Tolerant Operation Ability. , 2019, , .		4
141	Unified active power filters for source voltage unbalance/current harmonics compensation and power factor correction. , 0, , .		3
142	Sensorless speed control of nonsalient permanent magnet synchronous motor using rotor position tracking PI controller. , 0, , .		3
143	Capacitance estimation of DC-link capacitors for single-phase PWM converters. , 2009, , .		3
144	Improvement of current control in overmodulation range for vector-controlled induction machine drives. , 2011, , .		3

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145	Nonlinear control of three-phase four-wire dynamic voltage restorers for distribution system. , 2014, , .		3
146	Resonance elimination of LLCL filters based on virtual resistor for single-phase PWM inverters. , 2015, , .		3
147	Accurate Current Sharing and PCC Voltage Restoration in LVDC Microgrid without Communication Network. , 2018, , .		3
148	Speed Sensorless Control based on Stator Currents for PMSG Wind Energy Conversion Systems. , 2019, , .		3
149	Power Smoothing Control of Wind Farms Based on Inertial Effect of Wind Turbine Systems. Journal of Electrical Engineering and Technology, 2014, 9, 1096-1103.	2.0	3
150	Advanced Control of Three-Phase Four-Wire Inverters using Feedback Linearization under Unbalanced and Nonlinear Load Conditions. The Transactions of the Korean Institute of Power Electronics, 2013, 18, 333-341.	0.1	3
151	Estimation of ESR in the DC-Link Capacitors of AC Motor Drive Systems with a Front-End Diode Rectifier. Journal of Power Electronics, 2015, 15, 411-418.	1.5	3
152	AC voltage and current sensorless control of three-phase PWM rectifiers. , 0, , .		2
153	Frequency spectrum-based anti-windup compensators for high performance induction motor drives. , 0, , .		2
154	Mechanical parameter identification of servo systems using robust support vector regression. , 0, , .		2
155	LVRT and power smoothing of DFIG-based wind turbine systems using energy storage devices. , 2010, , .		2
156	Analysis of semiconductor power losses in M-level NPC inverters. , 2013, , .		2
157	Reduction of DC-link capacitance in bridgeless PFC boost rectifiers. , 2015, , .		2
158	Diagnosis of multiple IGBT open-circuit faults for three-phase PWM inverters. , 2016, , .		2
159	Diagnosis of open-circuit faults for six-level hybrid inverters. , 2017, , .		2
160	Sensorless Speed Control of Diesel-Generator Systems Based on Multiple SOGI-FLLs. , 2018, , .		2
161	Speed Control of Single Inverter Dual PMSM Drives Using Sliding Mode Control. , 2019, , .		2
162	Suppression of Common-Mode Voltage Based on Space-Vector Modulation for Four-Level Hybrid Inverters. , 2019, , .		2

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163	Reconfiguration of Four-Level Active Neutral-Point-Clamped Inverters for Fault-Tolerant Operation. , 2021, , .		2
164	Flicker Suppression Scheme for Variable-Speed Wind Turbine Systems. Journal of Power Electronics, 2012, 12, 333-343.	1.5	2
165	Compensation of Temperature Characteristics for Capacitance Estimation of DC-link Capacitors. The Transactions of the Korean Institute of Power Electronics, 2010, 15, 387-393.	0.1	2
166	Common-Mode Voltage Elimination for Medium-Voltage Three-Level NPC Inverters Based on an Auxiliary Circuit. Journal of Power Electronics, 2016, 16, 2076-2084.	1.5	2
167	Modulation and Control of Single-Stage Bidirectional Isolated Direct-Matrix-based AC-DC Converters. , 2019, , .		2
168	Novel decoupling control scheme for IPOP and IPOS modular DC-DC converters. Journal of Power Electronics, 2021, 21, 1793-1803.	1.5	2
169	Operating Scheme of Six-Level Hybrid Inverters with Reduced Capacitor Count. , 2022, , .		2
170	A novel overmodulation technique for space vector PWM inverters. , 0, , .		1
171	Applications of mechanical parameter identification with support vector machine for AC motor control system. , 0, , .		1
172	DC- Capacitance Estimation of DC-Link Capacitors using AC Voltage Injection in AC/DC/AC PWM Converters. Conference Record - IAS Annual Meeting (IEEE Industry Applications Society), 2006, , .	0.0	1
173	SVR-based flicker estimation for wind power systems. , 2010, , .		1
174	Diagnosis of the open-circuit fault in three-parallel voltage-source converter for a high-power wind turbine. , 2011, , .		1
175	AC power supply system using vehicle engine-generator set with battery. , 2012, , .		1
176	Feedback linearization control of series active DC filters for MVDC shipboard power systems. , 2014, , .		1
177	A novel operating scheme of five-level hybrid inverters for medium voltage applications. , 2016, , .		1
178	Modified SVPWM to eliminate common-mode voltages for five-level ANPC inverters. , 2016, , .		1
179	Operation of Four-Level ANPC Inverter Based on Space-Vector Modulation for Common-Mode Voltage Reduction. , 2019, , .		1
180	LVRT Control based on Partial State-Feedback Linearization for SCIG Wind Turbine Systems. , 2020, , .		1

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181	Integrated low-voltage charging circuit with active power decoupling function for onboard battery chargers. Journal of Power Electronics, 2020, 20, 1130-1138.	1.5	1
182	Advanced Grid Voltage Synchronization Method Under Abnormal Grid Conditions. , 2021, , .		1
183	A Six-Level T-Type ANPC Inverter for Medium-Voltage Applications. , 2021, , .		1
184	Common-Mode Voltage Reduction Based on Space Vector Modulation for Five-Level Hybrid Inverters. , 2019, , .		1
185	Sensorless Control of PMSG Wind Power Systems Based on ROGI-FLL. , 2022, , .		1
186	Automatic P/PI speed control for industry servo drives using on-line spectrum analysis of torque command. , 0, , .		0
187	Fault diagnosis of voltage sensor in grid-connected 3-phase voltage source converters. , 2013, , .		0
188	An advanced fast charging strategy for lithium polymer batteries. , 2015, , .		0
189	Reduction of DC-link capacitance for single-phase transformerless PV power conditioning systems. , 2017, , .		0
190	Flicker Estimation for Wind Turbine Systems using SVR. The Transactions of the Korean Institute of Power Electronics, 2010, 15, 309-318.	0.1	0
191	Extension of the Operating Speed for Vector-Controlled Induction Machine Drives in the Overmodulation Range. Journal of Power Electronics, 2012, 12, 477-486.	1.5	0
192	Stability Analysis of Current Control based on Virtual Resistor for Single-Phase Grid Converters with LLCL Input Filters. The Transactions of the Korean Institute of Power Electronics, 2016, 21, 404-410.	0.1	0
193	Shipboard MVDC microgrids. , 2018, , 295-319.		0
194	Capacitor Voltage-Balancing Control for Flying-Capacitor MMC without Current Sensors. , 2020, , .		0
195	Sensorless Control of SCIG Wind Turbine Systems based on PLL and Rotor Flux Position Corrector. , 2020, , .		0