

Jung-Ik Ha

List of Publications by Year in descending order

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201385

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194
docs citations

194
times ranked

2131
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensorless drive of surface-mounted permanent-magnet motor by high-frequency signal injection based on magnetic saliency. IEEE Transactions on Industry Applications, 2003, 39, 1031-1039.	3.3	416
2	Analysis of Permanent-Magnet Machine for Sensorless Control Based on High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2004, 40, 1595-1604.	3.3	257
3	Sensorless field-orientation control of an induction machine by high-frequency signal injection. IEEE Transactions on Industry Applications, 1999, 35, 45-51.	3.3	250
4	PWM Switching Frequency Signal Injection Sensorless Method in IPMSM. IEEE Transactions on Industry Applications, 2012, 48, 1576-1587.	3.3	205
5	Sensorless rotor position estimation of an interior permanent-magnet motor from initial states. IEEE Transactions on Industry Applications, 2003, 39, 761-767.	3.3	194
6	Sensorless field orientation control of an induction machine by high frequency signal injection. , 0, , .		172
7	Voltage Injection Method for Three-Phase Current Reconstruction in PWM Inverters Using a Single Sensor. IEEE Transactions on Power Electronics, 2009, 24, 767-775.	5.4	115
8	Position-controlled synchronous reluctance motor without rotational transducer. IEEE Transactions on Industry Applications, 1999, 35, 1393-1398.	3.3	98
9	Direct energy recovery system for membrane capacitive deionization. Desalination, 2016, 398, 144-150.	4.0	98
10	Current Prediction in Vector-Controlled PWM Inverters Using Single DC-Link Current Sensor. IEEE Transactions on Industrial Electronics, 2010, 57, 716-726.	5.2	93
11	Direct Power Control of a Three-Phase Inverter for Grid Input Current Shaping of a Single-Phase Diode Rectifier With a Small DC-Link Capacitor. IEEE Transactions on Power Electronics, 2015, 30, 3794-3803.	5.4	90
12	Hybrid Modulation of Dual Inverter for Open-End Permanent Magnet Synchronous Motor. IEEE Transactions on Power Electronics, 2015, 30, 3286-3299.	5.4	72
13	Low-Common Mode Voltage H-Bridge Converter with Additional Switch Legs. IEEE Transactions on Power Electronics, 2013, 28, 1773-1782.	5.4	69
14	Design Principle and Loss Engineering for Photovoltaic Electrolysis Cell System. ACS Omega, 2017, 2, 1009-1018.	1.6	57
15	Control Method for Mono Inverter Dual Parallel Surface-Mounted Permanent-Magnet Synchronous Machine Drive System. IEEE Transactions on Industrial Electronics, 2015, 62, 6096-6107.	5.2	49
16	Evaluation of Back-EMF Estimators for Sensorless Control of Permanent Magnet Synchronous Motors. Journal of Power Electronics, 2012, 12, 604-614.	0.9	44
17	A Family of High-Frequency Single-Switch DC-DC Converters With Low Switch Voltage Stress Based on Impedance Networks. IEEE Transactions on Power Electronics, 2017, 32, 2913-2924.	5.4	40
18	Physical understanding of high frequency injection method to sensorless drives of an induction machine. , 0, , .		39

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19	Variable Time Step Control for Six-Step Operation in Surface-Mounted Permanent Magnet Machine Drives. IEEE Transactions on Power Electronics, 2018, 33, 1501-1513.	5.4	37
20	Single-Phase Grid-Connected Motor Drive System With DC-Link Shunt Compensator and Small DC-Link Capacitor. IEEE Transactions on Power Electronics, 2017, 32, 1268-1278.	5.4	35
21	Dynamic Matching System for Radio-Frequency Plasma Generation. IEEE Transactions on Power Electronics, 2018, 33, 1940-1951.	5.4	35
22	A hybrid speed estimator of flux observer for induction motor drives. IEEE Transactions on Industrial Electronics, 2006, 53, 130-137.	5.2	33
23	Sensorless drive of SMPM motor by high frequency signal injection. , 0, , .		32
24	Discontinuous Grid Current Control of Motor Drive System With Single-Phase Diode Rectifier and Small DC-Link Capacitor. IEEE Transactions on Power Electronics, 2017, 32, 1324-1334.	5.4	32
25	Temperature Estimation of PMSM Using a Difference-Estimating Feedforward Neural Network. IEEE Access, 2020, 8, 130855-130865.	2.6	32
26	Phase Current Reconstructions from DC-Link Currents in Three-Phase Three-Level PWM Inverters. IEEE Transactions on Power Electronics, 2014, 29, 582-593.	5.4	29
27	Single-Phase Active Power Filtering Method Using Diode-Rectifier-Fed Motor Drive. IEEE Transactions on Industry Applications, 2015, 51, 2227-2236.	3.3	29
28	Grid Current Shaping Method with DC-Link Shunt Compensator for Three-Phase Diode Rectifier-Fed Motor Drive System. IEEE Transactions on Power Electronics, 2017, 32, 1279-1288.	5.4	29
29	Analog Filtering Method for Sensorless AC Machine Control With Carrier-Frequency Signal Injection. IEEE Transactions on Industrial Electronics, 2015, 62, 5348-5358.	5.2	28
30	Analysis and Suppression of Slotting and Cross-Coupling Effects on Current Control in PM Synchronous Motor Drives. IEEE Transactions on Power Electronics, 2019, 34, 9942-9956.	5.4	28
31	Sensorless displacement estimation of a shape memory alloy coil spring actuator using inductance. Smart Materials and Structures, 2013, 22, 025001.	1.8	27
32	Single-Switch High-Frequency DC-DC Converter Using Parasitic Components. IEEE Transactions on Power Electronics, 2017, 32, 3651-3661.	5.4	25
33	Sensorless position control and initial position estimation of an interior permanent magnet motor. , 0, , .		23
34	Design and selection of AC machines for saliency-based sensorless control. , 0, , .		22
35	A Doubly Fed Induction Generator Controlled in Single-Sided Grid Connection for Wind Turbines. IEEE Transactions on Energy Conversion, 2013, 28, 413-424.	3.7	22
36	Control Method of Mono Inverter Dual Parallel Drive System with Interior Permanent Magnet Synchronous Machines. IEEE Transactions on Power Electronics, 2015, , 1-1.	5.4	21

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37	Fault-Tolerant Operation Under Single-Phase Open in Mono Inverter Dual Parallel SMPMSM With Single Shaft. IEEE Transactions on Power Electronics, 2019, 34, 12064-12079.	5.4	21
38	Analysis of Inherent Magnetic Position Sensors in Symmetric AC Machines for Zero or Low Speed Sensorless Drives. IEEE Transactions on Magnetics, 2008, 44, 4689-4696.	1.2	20
39	Voltage injection method for boundary expansion of output voltages in three shunt sensing PWM inverters. , 2011, , .		20
40	Analysis of the Phase Current Measurement Boundary of Three Shunt Sensing PWM Inverters and an Expansion Method. Journal of Power Electronics, 2013, 13, 232-242.	0.9	20
41	Power enhancement of dual inverter for open-end permanent magnet synchronous motor. , 2013, , .		20
42	Active cell balancing algorithm for serially connected li-ion batteries based on power to energy ratio. , 2017, , .		20
43	Control Method of Double Inverter Fed Wound Machine for Minimizing Copper Loss in Maximized Operating Area. IEEE Transactions on Industrial Electronics, 2017, 64, 7700-7710.	5.2	18
44	Droop Control Using Impedance of Grid-Integrated DFIG within Microgrid. IEEE Transactions on Energy Conversion, 2019, 34, 88-97.	3.7	18
45	Direction Priority Control Method for Magnetic Manipulation System in Current and Voltage Limits. IEEE Transactions on Industrial Electronics, 2017, 64, 2914-2923.	5.2	16
46	Design and Analysis of Single-Inductor Power Converter for Both Battery Balancing and Voltage Regulation. IEEE Transactions on Industrial Electronics, 2022, 69, 2874-2884.	5.2	16
47	A new sensorless thrust control of linear induction motor. , 0, , .		15
48	Cell balancing control using adjusted filters in flyback converter with single switch. , 2013, , .		15
49	Inner Supply Data Transmission in Quasi-Resonant Flyback Converters for Li-Ion Battery Applications Using Multiplexing Mode. IEEE Transactions on Power Electronics, 2019, 34, 64-73.	5.4	15
50	Series arc fault detection method based on statistical analysis for dc Microgrids. , 2016, , .		14
51	Single-Phase Inverter Drive for Interior Permanent Magnet Machines. IEEE Transactions on Power Electronics, 2017, 32, 1355-1366.	5.4	14
52	Resonant Switching Cell Model for High-Frequency Single-Ended Resonant Converters. IEEE Transactions on Power Electronics, 2019, 34, 11897-11911.	5.4	14
53	A Battery Charging Method with Natural Synchronous Rectification Features for Full-bridge CLLC Converters. IEEE Transactions on Power Electronics, 2021, , 1-1.	5.4	14
54	Vector control of surface mounted permanent magnet motor without any rotational transducer. , 0, , .		13

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55	Intracortical lipoma of the femur. Skeletal Radiology, 2007, 36, 77-81.	1.2	13
56	Dynamic decoupling control method for PMSM drive with cross-coupling inductances. , 2017, , .		13
57	Single-phase active power filtering method using diode-rectifier-fed motor drive. , 2013, , .		12
58	Analysis and control of mono inverter dual parallel SPMSM drive system. , 2014, , .		12
59	Hydrogen Production via Water Electrolysis: The Benefits of a Solar Cell-Powered Process. IEEE Electrification Magazine, 2018, 6, 19-25.	1.8	12
60	Design and Control of Single-Phase Grid-Connected Photovoltaic Microinverter with Reactive Power Support Capability. , 2018, , .		12
61	Controller Design of Sensorless Induction Machine by High Frequency Voltage Injection. IEEJ Transactions on Industry Applications, 2000, 120, 1257-1264.	0.1	11
62	A novel hybrid speed estimator of flux observer for induction motor drives. , 2002, , .		11
63	Advanced control strategy of parallel hybrid low emission electric vehicle. , 0, , .		9
64	Carrier-Based Signal Injection Method for Harmonic Suppression in PWM Inverter Using Single DC-link Current Sensor. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	9
65	Single shunt current sensing technique in three-level PWM inverter. , 2011, , .		9
66	Control of a Synchronous Motor With an Inverter Integrated Rotor. IEEE Transactions on Industry Applications, 2012, 48, 1993-2001.	3.3	9
67	Active power control for minimum switching of three-phase electrolytic capacitor-less PWM converter. , 2013, , .		9
68	Single external source control of doubly-fed induction machine using dual inverter. , 2013, , .		9
69	Active DC-link circuit for single-phase diode rectifier system with small capacitance. , 2014, , .		8
70	Grid current shaping of single phase diode rectifier with small DC-link capacitor for three phase motor drive. , 2014, , .		8
71	Phase current reconstruction with single DC-link current sensor for six-step operation in three phase inverter. , 2015, , .		8
72	Pulse Width Modulation Methods for Minimizing Commutation Torque Ripples in Low Inductance Brushless DC Motor Drives. IEEE Transactions on Industrial Electronics, 2023, 70, 4537-4547.	5.2	8

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73	System conditions monitoring method for a wireless cellular phone charger. , 2014, , .		7
74	Cell balancing control of single switch flyback converter using generalized filters. , 2014, , .		7
75	Output voltage control for series-series compensated wireless power transfer system without direct feedback from measurement or communication. , 2017, , .		7
76	Harmonic Torque Reduction Using Adaptive Sector-Based Torque Feedforward Method for PMSM. , 2018, , .		7
77	Magnetically Actuated Forward-Looking Interventional Ultrasound Imaging: Feasibility Studies. IEEE Transactions on Biomedical Engineering, 2020, 67, 1797-1805.	2.5	7
78	On-Line Switch-Open Fault Detection of PMSM Using Artificial Neural Network. , 2019, , .		7
79	PWM switching frequency signal injection sensorless method in IPMSM. , 2011, , .		6
80	Reduced sampling rate for cell voltage sensing in high-level Modular Multilevel Converter. , 2014, , .		6
81	Wound Rotor Machine Fed by a Single-Phase Grid and Controlled by an Isolated Inverter. IEEE Transactions on Power Electronics, 2014, 29, 4843-4854.	5.4	6
82	Low voltage modulation method in six-step operation of three phase inverter. , 2015, , .		6
83	DC-link shunt compensator for three-phase system with small DC-link capacitor. , 2015, , .		6
84	Data transmission method without additional circuits in bidirectional wireless power transfer system. , 2016, , .		6
85	Cell Balancing Method in Flyback Converter without Cell Selection Switch of Multi-Winding Transformer. Journal of Electrical Engineering and Technology, 2016, 11, 367-376.	1.2	6
86	A High Step-Up Modular Isolated DC-DC Converter for Large Capacity Photovoltaic Generation System Integrated into MVDC Grids. , 2019, , .		6
87	Analysis of permanent magnet machine for sensorless control based on high frequency signal injection. , 0, , .		5
88	Thermal design of hot plate for 300-mm wafer heating in post-exposure bake. Microelectronic Engineering, 2011, 88, 3195-3198.	1.1	5
89	Efficiency control of multi-string PV system considering switching losses analysis. , 2014, , .		5
90	Variable time step control for six-step operation in SMPMSM. , 2015, , .		5

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91	The Electric Variable Transmission without slip ring for the Hybrid Electric Vehicle driving structure. , 2015, , .		5
92	Seamless black start and reconnection of LCL-filtered solid state transformer based on droop control. , 2016, , .		5
93	Resonant network design methodology based on two-port network analysis considering load impedance variation. , 2019, , .		5
94	High Reliable Power Conversion System with Active Battery Balancing Capability. , 2020, , .		5
95	Impedance Compressing Matching Network Based on Two-Port Network Analysis for Wireless Power Transfer System. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 432-442.	3.0	5
96	High frequency injection method improved by flux observer for sensorless control of an induction motor. , 0, , .		4
97	High efficiency dual inverter drives for a PMSM considering field weakening region. , 2012, , .		4
98	Initial voltage angle detection method of a PWM converter without any grid voltage measurement using conduction state of diodes for smooth starting. , 2012, , .		4
99	Efficiency improvement in motor drive system with single phase diode rectifier and small DC-link capacitor. , 2014, , .		4
100	Synchronous PWM with single voltage vector per sector in voltage source inverter. , 2015, , .		4
101	Design of single switch DC-DC converter with parasitic parameters. , 2015, , .		4
102	Decoupled current control with novel anti-windup for PMSM drives. , 2017, , .		4
103	Design and Control Method for Synchronous Permanent Magnet Motor Drive System with Series Capacitor. , 2018, , .		4
104	Resonant Converter Design Using Two-Port Passive Network: Single Frequency Design. , 2018, , .		4
105	Design and Control Method for a Surface-Mounted Permanent Magnet Motor Drive System With Passive Output Power Network. IEEE Transactions on Power Electronics, 2020, 35, 3891-3905.	5.4	4
106	Transformer-less Series-Input-Parallel-Output Dual Active Half-Bridge for MV-LV DC/DC Converter. , 2020, , .		4
107	Accuracy Enhancement of Parameter Estimation and Sensorless Algorithms Based on Current Shaping. Journal of Power Electronics, 2016, 16, 1-8.	0.9	4
108	Reconfigurable Power Circuits to Series or Parallel for Energy-Balanced Multicell Battery Pack. IEEE Transactions on Industrial Electronics, 2023, 70, 3641-3651.	5.2	4

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109	Fabrication and Characterization of AZ91/CNT Magnesium Matrix Composites. Materials Science Forum, 0, 620-622, 271-274.	0.3	3
110	A low common mode noise bridgeless boost-buck-boost power factor correction rectifier. , 2012, , .		3
111	Six step phase modulation of dual inverter for open-end permanent magnet synchronous motor. , 2013, , .		3
112	Carrier signal injection method in three shunt sensing inverter for sensorless AC machine drive. , 2014, , .		3
113	Individual MPPTs of single-phase three-level split DC-bus inverter. , 2014, , .		3
114	Design and analysis of analog filtering method for signal injection based sensorless control. , 2014, , .		3
115	Design of GaN transistor-based class E DC-DC converter with resonant rectifier circuit. , 2015, , .		3
116	Analysis of parameter variations on mono inverter dual parallel SPMSM drive system. , 2015, , .		3
117	Control method for mono inverter dual parallel interior permanent magnet synchronous machine drive system. , 2015, , .		3
118	Enhancement of parameter estimation accuracy using current shaping in PM machine drive. , 2015, , .		3
119	Variable time step control with synchronous PWM in low frequency modulation index for AC machine drive. , 2016, , .		3
120	Variable time step control with synchronous PWM in flux weakening region of PMSM. , 2016, , .		3
121	Dual voltage regulations of single switch flyback converter using variable switching frequency. , 2016, , .		3
122	Analysis and design of resonant rectifier for high-frequency dc-dc converters. , 2017, , .		3
123	Synchronous Space Vector Voltage Modulation of Three-phase Inverter with Low Switching Number. , 2018, , .		3
124	Fault-tolerant operation with 1-phase open in parallel-connected motor. , 2018, , .		3
125	Power Capability Improvement of Interior Permanent Magnet Synchronous Motor Drives Using Capacitive Network. , 2019, , .		3
126	Dual Side Control of Wireless Power Transfer with Mutual Inductance Estimation. , 2020, , .		3

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127	Cost-Effective High-Performance Digital Control Method in Series-Series Compensated Wireless Power Transfer System. Electronics (Switzerland), 2020, 9, 1772.	1.8	3
128	Analysis and Design of 4-to-1 Capacitor-Stacking Balancer for Stacked Voltage Domain. IEEE Access, 2020, 8, 110252-110263.	2.6	3
129	Si-IGBT / SiC-MOSFET Hybrid Inverter Control Method for Reduced Loss and Switching Ripple. , 2020, , .		3
130	Power Capability Improvement of Interior Permanent Magnet Synchronous Motor Drives Using Capacitive Network. IEEE Transactions on Industrial Electronics, 2020, 67, 10109-10120.	5.2	3
131	A Modulation Method of Series-Resonant Dual-Active Half-Bridge Converter for ZVS and Minimum RMS current. , 2022, , .		3
132	Sensorless vector control of doubly fed induction machine using a reduced order observer estimating. , 2012, , .		2
133	Single grid connection of Doubly-Fed Induction Generator for wind turbines. , 2012, , .		2
134	Sensorless control of AC machines at carrier frequency signal injection using analog filter circuit. , 2013, , .		2
135	A doubly-fed induction machine and the control in a single-phase grid connection. , 2013, , .		2
136	A low-common mode noise and high-efficiency buck-buck-boost inverter. , 2013, , .		2
137	Enhancement of output voltage using current shaping in sensorless AC machine drive. , 2014, , .		2
138	Dynamic model and control of wound-rotor machine in single-phase grid system. , 2014, , .		2
139	Design and control of 10-MHz class E DC-DC converter with reduced voltage stress. , 2015, , .		2
140	Wound Rotor Machine With Single-Phase Stator and Three-Phase Rotor Windings Controlled by Isolated Three-Phase Inverter. IEEE Transactions on Energy Conversion, 2015, 30, 558-568.	3.7	2
141	Output impedance network based design in 10MHz isolated DC-DC converter of Class Φ<inf>2</inf>. , 2015, , .		2
142	Model-based MTPA control of permanent magnet synchronous machine drives under one-phase open-circuit fault. , 2016, , .		2
143	Nonlinearity analysis and linear modulation method for two level voltage source inverter with low switching to operating frequency ratio. , 2016, , .		2
144	Inner supply data transmission of resonant flyback converters using multiplexing mode in battery chargers application. , 2017, , .		2

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145	Single-Phase Inverter Scheme for Permanent Magnet Synchronous Motor Drive with Resonant Capacitor. , 2018, , .		2
146	Dynamic current control using synchronous pulse-width modulation for permanent magnet machines. Journal of Power Electronics, 2020, 20, 501-510.	0.9	2
147	Efficient and Reconfigurable Multi-cell Battery Pack for Portable Electronic Devices with Simultaneous Charging and Discharging Capability. , 2021, , .		2
148	Consideration of the Carrier Based Signal Injection Method in Three Shunt Sensing Inverters for Sensorless Motor Control. Journal of Power Electronics, 2016, 16, 1791-1801.	0.9	2
149	Analysis and Control of Synchronous Rectification for MHz Class-E Resonant Rectifier with Load Variation. , 2021, , .		2
150	Position controlled synchronous reluctance motor without rotational transducer. , 0, , .		1
151	Analysis of two-leg three-phase transformer-less PV inverter with corner grounded source. , 2013, , .		1
152	Individual MPPTs of dual photovoltaic arrays using single-phase split-dc bus inverter. , 2013, , .		1
153	On-line rotor time constant estimation for indirect field oriented induction machine. , 2013, , .		1
154	Control strategy for three-phase converter under unbalanced grid voltage conditions considering line loss. , 2014, , .		1
155	Minimum copper loss control of doubly-fed induction generator for wind turbines. , 2014, , .		1
156	Novel topology and control of single inverter system for two permanent magnet synchronous machines. , 2014, , .		1
157	Design technique of coupled inductor filter for suppressing switching ripples in PWM converters. , 2015, , .		1
158	Copper loss minimizing control of Doubly Fed Wound Machine. , 2015, , .		1
159	Design considerations for high frequency DCM flyback converter. , 2015, , .		1
160	Analytical approach for determining inductance matrix, harmonic voltage and torque ripple of slotted PM motors. , 2016, , .		1
161	Synchronous frame full-order observer design for three-phase buck-type PWM rectifier. , 2016, , .		1
162	Wirelessly Powered Coil-Type Robot with 1D Self-Actuation Capability. , 2017, , .		1

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163	Control Area Expansion Using Null Space Vector Injection Under Current Limit in Magnetic Manipulation System. , 2018, , .		1
164	Variable Switching Frequency Strategy for Enhanced Settling Performance of Position Control within Inverter Loss Limit. , 2018, , .		1
165	Design Method of Capacitor Network for Interior Permanent Magnet Synchronous Machine Drive. , 2019, , .		1
166	Stator Temperature Estimation of PMSM Based on Thermal Equivalent Circuit. , 2019, , .		1
167	Design and Control Method for Interior Permanent Magnet Synchronous Machine Drive With Capacitor Power Network. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 259-273.	3.7	1
168	Reconfigurable Multi-cell Battery Pack for Portable Electronic Devices with the Capability of Simultaneous Charging and Discharging. , 2021, , .		1
169	Control Method in Minimum Infinity-Norm Approach for Multicoil Magnetic Manipulation System. IEEE Transactions on Magnetics, 2022, 58, 1-9.	1.2	1
170	Suppression of vibration for elevator system using dead-time compensation with current prediction. , 2000, , .		0
171	Novel topology derivation for low-common mode noise H-bridge converters with additional switches. , 2013, , .		0
172	Minimum copper loss control of a single-phase grid-connected wound rotor machine over full speed range. , 2014, , .		0
173	Minimization of stator currents for mono inverter dual parallel PMSM drive system. , 2014, , .		0
174	Critical modulation method based on PWAM in back-to-back three-phase system. , 2014, , .		0
175	New current control strategy for local converter under distorted grid conditions. , 2014, , .		0
176	Single-phase stator control of interior permanent magnet machines with MTPA operation. , 2015, , .		0
177	Control method considering current and voltage limits in magnetic manipulation systems. , 2015, , .		0
178	Partial power assistance operation for single-phase grid-fed motor drive system with DC-link shunt compensator. , 2015, , .		0
179	Analysis and comparison of single inverter driven series hybrid system. , 2016, , .		0
180	Motor current reference generation for reducing motor currents in drive systems with single-phase diode rectifier and small dc-link capacitor. , 2016, , .		0

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181	On-line position and attitude estimation for magnetic manipulation system. , 2017, , .		0
182	Variable Time Step Control for Six-Step Operation in IPMM. , 2018, , .		0
183	Current Reference Projection Method for Securing Micro-Robot Control Bandwidth Under Voltage Limit Condition. , 2018, , .		0
184	Wirelessly Powered Coil-Type Robot with 2D Translational and 1D Rotational Self-Actuation Ability. , 2018, , .		0
185	Doubly-fed machine with wireless power transfer ability. , 2018, , .		0
186	Step-Up Converter with High Order Selectivity. , 2019, , .		0
187	Efficiency Improvement of PMSM Drive System Using Discontinuous Current Control Method at Low Torque Region. , 2019, , .		0
188	Decoupling Control Method of Asymmetric Dual Three-Phase PMSM with Mutual Coupling Inductance. , 2021, , .		0
189	Operating Area Extension of Surface Mounted Permanent Magnet Motor by LC Network. , 2019, , .		0
190	Design and Implementation of Bi-directional Inductive Wireless Power Transfer for Elevator System. , 2019, , .		0
191	Torque Ripple Minimization of PMSM Drive with Speed Ripple Feedback Considering Non-linearities of PMSM. , 2021, , .		0
192	Design and analysis of resonant inverter for a wide range of input voltage. , 2021, , .		0
193	Modeling and Design of Switched-Capacitor Converters for Voltage Stacking. , 2020, , .		0
194	Voltage Modulation Method for T-type Three-Level Inverter with Reduced Conduction Loss in Low Voltage Modulation Region. , 2022, , .		0