

Guangxian Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Online Identification and Reconstruction of Open-Circuit Voltage for Capacity and Electrode Aging Estimation of Lithium-Ion Batteries. IEEE Transactions on Industrial Electronics, 2023, 70, 4716-4726.	7.9	4
2	Neutral-Point Voltage Oscillation Mitigation Scheme for Transformerless Three-Level PV Inverter in LVRT Operation With Selective Space Vector Modulation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 2776-2789.	5.4	5
3	Modeling and Mitigation of Resonance Current for Modified LCL-Type Parallel Inverters With Inverter-Side Current Control. IEEE Transactions on Industrial Informatics, 2022, 18, 932-942.	11.3	14
4	Distributed Event-Triggered Impulsive Tracking Control for Fractional-Order Multiagent Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4544-4556.	9.3	17
5	Disturbance Observer-Based Finite-Time Control for Three-Phase AC-DC Converter. IEEE Transactions on Industrial Electronics, 2022, 69, 5637-5647.	7.9	26
6	Three-Layer Double-Vector Model Predictive Control Strategy for Current Harmonic Reduction and Neutral-Point Voltage Balance in Vienna Rectifier. IEEE Transactions on Transportation Electrification, 2022, 8, 251-262.	7.8	8
7	Fast Two-Stage Global Maximum Power Point Tracking for Grid-Tied String PV Inverter Using Characteristics Mapping Principle. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 564-574.	5.4	6
8	An Active Disturbance Rejection Control Strategy for a Three-Phase Isolated Matrix Rectifier. IEEE Transactions on Transportation Electrification, 2022, 8, 820-829.	7.8	9
9	Circulating Current Mitigation and Harmonic Current Compensation for Multifunction Parallel Three-Level Four-Leg Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 2805-2818.	5.4	5
10	Optimal Current Ripple PWM for Three-Level Inverter With Common Mode Voltage Reduction. IEEE Transactions on Industrial Electronics, 2022, 69, 4890-4900.	7.9	4
11	An Adaptive Battery Capacity Estimation Method Suitable for Random Charging Voltage Range in Electric Vehicles. IEEE Transactions on Industrial Electronics, 2022, 69, 9121-9132.	7.9	24
12	A Dynamic Gain Approach to Consensus Control of Nonlinear Multiagent Systems With Time Delays. IEEE Transactions on Cybernetics, 2022, 52, 6993-7001.	9.5	26
13	Current Distribution Estimation of Parallel-Connected Batteries for Inconsistency Diagnosis Using Long Short-Term Memory Networks. IEEE Transactions on Transportation Electrification, 2022, 8, 1013-1025.	7.8	11
14	Modeling and Suppression of Circulating Currents Among Parallel Single-Phase Three-Level Grid-Tied Inverters. IEEE Transactions on Industrial Electronics, 2022, 69, 12967-12979.	7.9	3
15	Guaranteed cost positive consensus for multi-agent systems with multiple time-varying delays and MDADT switching. Nonlinear Dynamics, 2022, 107, 3557-3572.	5.2	9
16	A Modified Space Vector Modulation for DC-Side Current Ripple Reduction in High-Frequency Link Matrix Converter. IEEE Transactions on Transportation Electrification, 2022, 8, 4470-4481.	7.8	5
17	Fusion estimation of lithium-ion battery state of charge and state of health considering the effect of temperature. Journal of Energy Storage, 2022, 53, 105075.	8.1	11
18	On Designing Distributed Prescribed Finite-Time Observers for Strict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 4695-4706.	9.5	29

#	ARTICLE	IF	CITATIONS
19	Design and Control Method to Suppress Resonance Circulating Current for Parallel Three-Level Rectifiers With Modified LCL Filter. IEEE Transactions on Industrial Electronics, 2021, 68, 7012-7023.	7.9	20
20	Family of the Coupled-Inductor Multiplier Voltage Rectifier Quasi-Z-Source Inverters. IEEE Transactions on Industrial Electronics, 2021, 68, 4903-4915.	7.9	15
21	A comparative study of fault diagnostic methods for lithium-ion batteries based on a standardized fault feature comparison method. Journal of Cleaner Production, 2021, 278, 123424.	9.3	16
22	A Quick Screening Approach Based on Fuzzy C-Means Algorithm for the Second Usage of Retired Lithium-Ion Batteries. IEEE Transactions on Transportation Electrification, 2021, 7, 474-484.	7.8	24
23	A Hybrid Control Strategy Based on Lagging Reactive Power Compensation for Vienna-Type Rectifier. IEEE Transactions on Transportation Electrification, 2021, 7, 825-837.	7.8	11
24	A Robust Online Parameter Identification Method for Lithium-Ion Battery Model Under Asynchronous Sampling and Noise Interference. IEEE Transactions on Industrial Electronics, 2021, 68, 9550-9560.	7.9	22
25	Reduced-order electrochemical model for lithium-ion battery with domain decomposition and polynomial approximation methods. Energy, 2021, 221, 119662.	8.8	56
26	Distributed Robust Frequency Restoration and Active Power Sharing for Autonomous Microgrids With Event-Triggered Strategy. IEEE Transactions on Smart Grid, 2021, 12, 3819-3834.	9.0	40
27	The Hazards Analysis of Nickel-Rich Lithium-Ion Battery Thermal Runaway under Different States of Charge. Electronics (Switzerland), 2021, 10, 2376.	3.1	6
28	Backstepping Control of High-Frequency Link Matrix Rectifier for Battery Chargers. IEEE Transactions on Power Electronics, 2021, 36, 10801-10814.	7.9	16
29	High-Efficiency Bidirectional Three-Level Series-Resonant Converter With Buck-Boost Capacity for High-Output Voltage Applications. IEEE Transactions on Transportation Electrification, 2021, 7, 969-982.	7.8	8
30	Circulating Current Suppression for Paralleled Three-Level T-Type Inverters With Online Inductance Identification. IEEE Transactions on Industry Applications, 2021, 57, 5052-5062.	4.9	12
31	A Min-Max Closed-Loop PLL-GSPWM for Circulating Leakage Currents Attenuation in PV Station. IEEE Transactions on Power Electronics, 2021, 36, 10224-10238.	7.9	4
32	Common-Mode Voltage Reduction Method for Three-Level Inverter With Unbalanced Neutral-Point Voltage Conditions. IEEE Transactions on Industrial Informatics, 2021, 17, 6603-6613.	11.3	19
33	An Integrated Common-Mode Fast-Balancing Mechanism for Three-Phase Three-Level Converter With LCL Filter. IEEE Transactions on Power Electronics, 2021, 36, 12694-12709.	7.9	5
34	Variable DC-Link Voltage Regulation of Single-Phase MMC Battery Energy-Storage System for Reducing Additional Charge Throughput. IEEE Transactions on Power Electronics, 2021, 36, 14267-14281.	7.9	11
35	Novel Three-Layer Discontinuous PWM Method for Mitigating Resonant Current and Zero-Crossing Distortion in Vienna Rectifier With an LCL Filter. IEEE Transactions on Power Electronics, 2021, 36, 14478-14490.	7.9	9
36	A Robust and Adaptive FOPI Control Strategy for Balance Recovery of Neutral Point Voltage in Three-Lever NPC Inverter. , 2021, , .		0

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37	A Novel IPOS High-Frequency Link Matrix Converter With Wide Output Voltage Range And Low Output Current Ripple. , 2021, , .		1
38	An Early Battery Fault Diagnosis Method Based on Multi-Source Information Fusion Theory. , 2021, , .		0
39	An Intelligent Self-Heating Strategy Based on High- Gain Incremental Controller for Low-Temperature Lithium-ion Batteries. , 2021, , .		0
40	A state-of-charge uniformity control method for energy storage batteries based on distributed cooperative control. , 2021, , .		1
41	Consistent Control for SOH of Energy Storage Batteries Based on Game Theory. , 2021, , .		1
42	Multicell-to-Multicell Equalizers Based on Matrix and Half-Bridge <i>LC</i> Converters for Series-Connected Battery Strings. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 1755-1766.	5.4	52
43	Simultaneous Common-Mode Voltage Reduction and Neutral-Point Voltage Balance Scheme for the Quasi-Z-Source Three-Level T-Type Inverter. IEEE Transactions on Industrial Electronics, 2020, 67, 1956-1967.	7.9	65
44	A novel fractional variable-order equivalent circuit model and parameter identification of electric vehicle Li-ion batteries. ISA Transactions, 2020, 97, 448-457.	5.7	83
45	A Hybrid Passivity-Based Control Strategy for Three-Level T-Type Inverter in LVRT Operation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 4009-4024.	5.4	19
46	Common-Mode Voltage Reduction With Improved Output Voltage for Three-to-Five-Phase Indirect Matrix Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 2918-2929.	5.4	9
47	A Sine-Wave Heating Circuit for Automotive Battery Self-Heating at Subzero Temperatures. IEEE Transactions on Industrial Informatics, 2020, 16, 3355-3365.	11.3	65
48	Operational Analyses and Control Scheme of Nine-Arm Modular Multilevel Converter. IEEE Transactions on Power Electronics, 2020, 35, 3416-3433.	7.9	11
49	Redistributed Pulsewidth Modulation of MMC Battery Energy Storage System Under Submodule Fault Condition. IEEE Transactions on Power Electronics, 2020, 35, 2284-2294.	7.9	27
50	A multi-fault diagnosis method based on modified Sample Entropy for lithium-ion battery strings. Journal of Power Sources, 2020, 446, 227275.	7.8	120
51	Two-Layer Pulsewidth Modulation Strategy for Common-Mode Voltage and Current Harmonic Distortion Reduction in Vienna Rectifier. IEEE Transactions on Industrial Electronics, 2020, 67, 7470-7483.	7.9	20
52	An Optimized Zero-Sequence Voltage Injection Method for Eliminating Circulating Current and Reducing Common Mode Voltage of Parallel-Connected Three-Level Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 6583-6596.	7.9	37
53	Fractional calculus based modeling of open circuit voltage of lithium-ion batteries for electric vehicles. Journal of Energy Storage, 2020, 27, 100945.	8.1	36
54	Remaining useful life prediction of lithium-ion battery based on extended Kalman particle filter. International Journal of Energy Research, 2020, 44, 1724-1734.	4.5	78

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55	A Compact Resonant Switched-Capacitor Heater for Lithium-Ion Battery Self-Heating at Low Temperatures. IEEE Transactions on Power Electronics, 2020, 35, 7134-7144.	7.9	68
56	Online multi-fault detection and diagnosis for battery packs in electric vehicles. Applied Energy, 2020, 259, 114170.	10.1	73
57	Suppression of Circulating Currents for Paralleled Three-Level T-Type Inverters Under Unbalanced Operating Conditions. , 2020, , .		3
58	Bi-level optimization design strategy for compressed air energy storage of a combined cooling, heating, and power system. Journal of Energy Storage, 2020, 31, 101642.	8.1	23
59	Simultaneous Switching Loss Reduction and Neutral-Point Voltage Balance Scheme for Single-Phase Three-Level T-Type Inverter. IEEE Transactions on Industry Applications, 2020, 56, 6687-6700.	4.9	4
60	Hybrid Adaptive Control for PEMFC Gas Pressure. Energies, 2020, 13, 5334.	3.1	5
61	An Improved Finite-Time Control Strategy for Zero-Sequence Circulating Current Suppression of Parallel Three-Level Rectifiers. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3933-3943.	5.4	8
62	A Dual-Loop Control to Ensure Fast and Stable Fault-Tolerant Operation of Series Resonant DAB Converters. IEEE Transactions on Power Electronics, 2020, 35, 10994-11012.	7.9	17
63	Modeling and analysis of high-frequency alternating-current heating for lithium-ion batteries under low-temperature operations. Journal of Power Sources, 2020, 450, 227435.	7.8	44
64	Turn-Off Delay-Controlled Bidirectional DC-DC Resonant Converter With Wide Gain Range and High Efficiency. IEEE Transactions on Transportation Electrification, 2020, 6, 118-130.	7.8	15
65	A Fault-Tolerant Control Strategy for T-Type Three-Level Rectifier With Neutral Point Voltage Balance and Loss Reduction. IEEE Transactions on Power Electronics, 2020, 35, 7492-7505.	7.9	18
66	Generalised model predictive control scheme for three-level converter under unbalanced grid voltage considering full power factor operation. IET Renewable Power Generation, 2020, 14, 3115-3125.	3.1	0
67	Repetitive Control for Harmonic Compensation in Three-phase Isolated Matrix Rectifier. , 2020, , .		0
68	Common and Differential Mode Harmonic Analyses of Modulations for Three-Phase Three-Level Converter With Unbalanced DC Link Voltages. , 2020, , .		0
69	A Novel Gate Driver of SiC MOSFET for Crosstalk Suppression in Bridge Configuration. , 2020, , .		3
70	Fault-Tolerant Control Strategies for T-Type Three-Level Inverters Considering Neutral-Point Voltage Oscillations. IEEE Transactions on Industrial Electronics, 2019, 66, 2837-2846.	7.9	39
71	Simultaneous Common-Mode Resonance Circulating Current and Leakage Current Suppression for Transformerless Three-Level T-Type PV Inverter System. IEEE Transactions on Industrial Electronics, 2019, 66, 4457-4467.	7.9	60
72	A Minimum-Time Motion Online Planning Method for Underactuated Overhead Crane Systems. IEEE Access, 2019, 7, 54586-54594.	4.2	17

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73	Correlations of cell-to-cell parameter variations on current and state-of-charge distributions within parallel-connected lithium-ion cells. <i>Journal of Power Sources</i> , 2019, 437, 226869.	7.8	18
74	High-Accuracy Parameter Identification Method for Equivalent-Circuit Models of Lithium-Ion Batteries Based on the Stochastic Theory Response Reconstruction. <i>Electronics (Switzerland)</i> , 2019, 8, 834.	3.1	13
75	A hybrid optimization-based scheduling strategy for combined cooling, heating, and power system with thermal energy storage. <i>Energy</i> , 2019, 188, 115948.	8.8	55
76	A Fast Online State of Health Estimation Method for Lithium-Ion Batteries Based on Incremental Capacity Analysis. <i>Energies</i> , 2019, 12, 3333.	3.1	13
77	A low-complexity state of charge estimation method for series-connected lithium-ion battery pack used in electric vehicles. <i>Journal of Power Sources</i> , 2019, 441, 226972.	7.8	44
78	Stochastic dynamic solution for off-design operation optimization of combined cooling, heating, and power systems with energy storage. <i>Applied Thermal Engineering</i> , 2019, 163, 114356.	6.0	27
79	Accurate lithium-ion battery modeling with inverse repeat binary sequence for electric vehicle applications. <i>Applied Energy</i> , 2019, 251, 113339.	10.1	33
80	Finite energy Lyapunov function candidate for fractional order general nonlinear systems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 78, 104886.	3.3	30
81	Peak power prediction for series-connected LiNCM battery pack based on representative cells. <i>Journal of Cleaner Production</i> , 2019, 230, 1061-1073.	9.3	24
82	A Fractional-Order Kinetic Battery Model of Lithium-Ion Batteries Considering a Nonlinear Capacity. <i>Electronics (Switzerland)</i> , 2019, 8, 394.	3.1	20
83	Modeling and Suppression of Circulating Currents for Multi-Paralleled Three-Level T-Type Inverters. <i>IEEE Transactions on Industry Applications</i> , 2019, 55, 3978-3988.	4.9	31
84	Modeling and Optimization of Dual Active Bridge DC-DC Converter with Dead-Time Effect under Triple-Phase-Shift Control. <i>Energies</i> , 2019, 12, 973.	3.1	8
85	Integrated Optimization Design of Combined Cooling, Heating, and Power System Coupled with Solar and Biomass Energy. <i>Energies</i> , 2019, 12, 687.	3.1	26
86	Influence Analysis and Optimization of Sampling Frequency on the Accuracy of Model and State-of-Charge Estimation for LiNCM Battery. <i>Energies</i> , 2019, 12, 1205.	3.1	9
87	A Carrier-Based Fault-Tolerant Control Strategy for T-Type Rectifier With Neutral-Point Voltage Oscillations Suppression. <i>IEEE Transactions on Power Electronics</i> , 2019, 34, 10988-11001.	7.9	14
88	A multi-fault diagnostic method based on an interleaved voltage measurement topology for series connected battery packs. <i>Journal of Power Sources</i> , 2019, 417, 132-144.	7.8	108
89	A Multi-Cell-to-Multi-Cell Equalizer for Series-Connected Batteries Based on Flyback Conversion. , 2019, , .		4
90	Study on the Effect of Different AC Excitations on the Internal Heating for Low-Temperature Batteries. , 2019, , .		2

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91	Inconsistency Effect of Internal Resistance on Performance of Lithium-ion Battery Strings. , 2019, , .		0
92	Capacitor Voltage Balancing Control Strategy For Single-phase Five-Level ANPC Photovoltaic Inverter. , 2019, , .		2
93	An Open-Circuit Fault Diagnosis Method for T-type Three-Level Rectifiers. , 2019, , .		5
94	An Optimized Any-Cell-to-Any-Cell Equalizer Based on Coupled Half-Bridge Converters for Series-Connected Battery Strings. IEEE Transactions on Power Electronics, 2019, 34, 8831-8841.	7.9	54
95	Improved Space Vector Modulation Technique for Neutral-Point Voltage Oscillation and Common-Mode Voltage Reduction in Three-Level Inverter. IEEE Transactions on Power Electronics, 2019, 34, 8697-8714.	7.9	63
96	An Optimized Mesh-Structured Switched-Capacitor Equalizer for Lithium-Ion Battery Strings. IEEE Transactions on Transportation Electrification, 2019, 5, 252-261.	7.8	46
97	A Novel Segmented Component Injection Scheme to Minimize the Oscillation of DC-Link Voltage Under Balanced and Unbalanced Conditions for Vienna Rectifier. IEEE Transactions on Power Electronics, 2019, 34, 9536-9551.	7.9	39
98	Supply Voltage and Grid Current Harmonics Compensation Using Multi-Port Interfacing Converter Integrated Into Two-AC-Bus Grid. IEEE Transactions on Smart Grid, 2019, 10, 3057-3070.	9.0	14
99	Circulating Current Suppression for Parallel Three-Level Inverters Under Unbalanced Operating Conditions. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 480-492.	5.4	30
100	A Zero-Sequence Component Injection Modulation Method With Compensation for Current Harmonic Mitigation of a Vienna Rectifier. IEEE Transactions on Power Electronics, 2019, 34, 801-814.	7.9	70
101	Finite-Time \mathcal{H}_∞ Filtering for Nonlinear Singular Systems With Nonhomogeneous Markov Jumps. IEEE Transactions on Cybernetics, 2019, 49, 2133-2143.	9.5	66
102	Two-Layer Global Synchronous Pulse Width Modulation Method for Attenuating Circulating Leakage Current in PV Station. IEEE Transactions on Industrial Electronics, 2018, 65, 8005-8017.	7.9	20
103	Evaluation of battery inconsistency based on information entropy. Journal of Energy Storage, 2018, 16, 160-166.	8.1	74
104	An Automotive Onboard AC Heater Without External Power Supplies for Lithium-Ion Batteries at Low Temperatures. IEEE Transactions on Power Electronics, 2018, 33, 7759-7769.	7.9	60
105	Deadbeat Control Strategy for Circulating Current Suppression in Multiparalleled Three-Level Inverters. IEEE Transactions on Industrial Electronics, 2018, 65, 6239-6249.	7.9	47
106	A Space Vector Modulation Scheme of the Quasi-Z-Source Three-Level T-Type Inverter for Common-Mode Voltage Reduction. IEEE Transactions on Industrial Electronics, 2018, 65, 8340-8350.	7.9	104
107	A direct multi-cells-to-multi-cells equalizer based on LC matrix converter for series-connected battery strings. , 2018, , .		4
108	Hybrid Microgrid With Parallel- and Series-Connected Microconverters. IEEE Transactions on Power Electronics, 2018, 33, 4817-4831.	7.9	50

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109	A Gate Driver of SiC MOSFET for Suppressing the Negative Voltage Spikes in a Bridge Circuit. IEEE Transactions on Power Electronics, 2018, 33, 2339-2353.	7.9	57
110	SOH Balancing Control Method for the MMC Battery Energy Storage System. IEEE Transactions on Industrial Electronics, 2018, 65, 6581-6591.	7.9	117
111	Learning CP-Nets Structure From Preference Data Streams. IEEE Access, 2018, 6, 56716-56726.	4.2	0
112	Dynamic Optimization of Combined Cooling, Heating, and Power Systems with Energy Storage Units. Energies, 2018, 11, 2288.	3.1	16
113	Model predictive direct current control strategy for three-level T-type rectifier under unbalanced grid voltage conditions. , 2018, , .		15
114	A Delta-Structured Switched-Capacitor Equalizer for Series-Connected Battery Strings. IEEE Transactions on Power Electronics, 2018, , 1-1.	7.9	74
115	Parameters Identification and Sensitive Characteristics Analysis for Lithium-Ion Batteries of Electric Vehicles. Energies, 2018, 11, 19.	3.1	19
116	A Global Modular Equalizer Based on Forward Conversion for Series-Connected Battery Strings. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1456-1469.	5.4	39
117	Structure Learning of Conditional Preference Networks Based on Dependent Degree of Attributes From Preference Database. IEEE Access, 2018, 6, 27864-27872.	4.2	6
118	An integrated design for hybrid combined cooling, heating and power system with compressed air energy storage. Applied Energy, 2018, 210, 1151-1166.	10.1	106
119	Finite-time stabilization for nonlinear discrete-time singular Markov jump systems with piecewise-constant transition probabilities subject to average dwell time. Journal of the Franklin Institute, 2017, 354, 2102-2124.	3.4	32
120	L_1 -Stochastic Stability and L_1 -Gain Performance of Positive Markov Jump Linear Systems With Time-Delays: Necessary and Sufficient Conditions. IEEE Transactions on Automatic Control, 2017, 62, 3634-3639.	5.7	78
121	An Automatic Equalizer Based on Forward-Flyback Converter for Series-Connected Battery Strings. IEEE Transactions on Industrial Electronics, 2017, 64, 5380-5391.	7.9	147
122	A Modularization Method for Battery Equalizers Using Multiwinding Transformers. IEEE Transactions on Vehicular Technology, 2017, 66, 8710-8722.	6.3	55
123	A Switched-Coupling-Capacitor Equalizer for Series-Connected Battery Strings. IEEE Transactions on Power Electronics, 2017, 32, 7694-7706.	7.9	112
124	Delay-dependent stochastic finite-time H_2 -gain filtering for discrete-time positive Markov jump linear systems with time-delay. Journal of the Franklin Institute, 2017, 354, 6894-6913.	3.4	15
125	An Interleaved Equalization Architecture with Self-Learning Fuzzy Logic Control for Series-Connected Battery Strings. IEEE Transactions on Vehicular Technology, 2017, 66, 10923-10934.	6.3	46
126	Model predictive control for parallel three-level T-type grid-connected inverters in renewable power generations. IET Renewable Power Generation, 2017, 11, 1353-1363.	3.1	35

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127	Space Vector Modulation for Circulating Current Suppression Using Deadbeat Control Strategy in Parallel Three-Level Neutral-Clamped Inverters. IEEE Transactions on Industrial Electronics, 2017, 64, 977-987.	7.9	70
128	A star-structured switched-capacitor equalizer for series-connected battery strings. , 2017, , .		5
129	A delta-structured switched-capacitor equalizer for series-connected battery strings. , 2017, , .		9
130	A Cell-to-Cell Equalizer Based on Three-Resonant-State Switched-Capacitor Converters for Series-Connected Battery Strings. Energies, 2017, 10, 206.	3.1	57
131	Data-Driven Predictive Torque Coordination Control during Mode Transition Process of Hybrid Electric Vehicles. Energies, 2017, 10, 441.	3.1	11
132	An Adaptive Square Root Unscented Kalman Filter Approach for State of Charge Estimation of Lithium-Ion Batteries. Energies, 2017, 10, 1345.	3.1	37
133	A repetitive control scheme for circulating current suppression in parallel three-level T-type inverters under unbalanced conditions. , 2017, , .		7
134	A Generalization of Linear and Nonlinear Retarded Integral Inequalities in Two Independent Variables. Discrete Dynamics in Nature and Society, 2017, 2017, 1-10.	0.9	2
135	Performance Characteristics and Preliminary Analysis of Low Cost Tubular Linear Switch Reluctance Generator for Direct Drive WEC. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	17
136	Space vector modulation based control strategy of three-level inverter for separate MPPTs in photovoltaic system. , 2016, , .		8
137	Model predictive control method to reduce common-mode voltage and balance the neutral-point voltage in three-level T-type inverter. , 2016, , .		28
138	Multi-objective optimal operation and energy coupling analysis of combined cooling and heating system. Energy, 2016, 98, 296-307.	8.8	95
139	A Bi-Level Program for the Planning of an Islanded Microgrid Including CAES. IEEE Transactions on Industry Applications, 2016, 52, 2768-2777.	4.9	92
140	A Novel Torque Coordination Control Strategy of a Single-Shaft Parallel Hybrid Electric Vehicle Based on Model Predictive Control. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	9
141	A Loss-Minimization Port-Controlled Hamilton Scheme of Induction Motor for Electric Vehicles. IEEE/ASME Transactions on Mechatronics, 2015, 20, 2645-2653.	5.8	21
142	Space-Vector-Modulated Method for Boosting and Neutral Voltage Balancing in Z-Source Three-Level T-Type Inverter. IEEE Transactions on Industry Applications, 2015, , 1-1.	4.9	24
143	A Novel Battery State-of-Health Estimation Method for Hybrid Electric Vehicles. IEEE/ASME Transactions on Mechatronics, 2015, 20, 2604-2612.	5.8	20
144	A Cell-to-Cell Battery Equalizer With Zero-Current Switching and Zero-Voltage Gap Based on Quasi-Resonant <i>LC</i> Converter and Boost Converter. IEEE Transactions on Power Electronics, 2015, 30, 3731-3747.	7.9	236

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145	Analysis and Mitigation of Resonance Propagation in Grid-Connected and Islanding Microgrids. IEEE Transactions on Energy Conversion, 2015, 30, 70-81.	5.2	74
146	Stochastic Maximum Principle for Mean-Field Type Optimal Control Under Partial Information. IEEE Transactions on Automatic Control, 2014, 59, 522-528.	5.7	86
147	State-of-charge estimation of the lithium-ion battery system with time-varying parameter for hybrid electric vehicles. IET Control Theory and Applications, 2014, 8, 160-167.	2.1	44
148	Exponential stability for positive systems with bounded time-varying delays and static output feedback stabilization. Journal of the Franklin Institute, 2013, 350, 617-636.	3.4	62
149	Stability and static output feedback stabilization for a class of nonlinear discrete-time singular switched systems. International Journal of Control, Automation and Systems, 2013, 11, 1138-1148.	2.7	16
150	Output feedback control of large-scale nonlinear time-delay systems in lower triangular form. Automatica, 2013, 49, 3476-3483.	5.0	105
151	Dissipative Hamiltonian realisation and robust H_∞ control of induction motor considering iron losses for electric vehicles. International Journal of Vehicle Autonomous Systems, 2013, 11, 111.	0.2	1
152	H_∞ control for discrete-time singular Markov jump systems subject to actuator saturation. Journal of the Franklin Institute, 2012, 349, 1011-1029.	3.4	77
153	A Study on Mode-Switching Control of TCSC Based on Conditional Firing of Thyristor. IEEE Transactions on Power Delivery, 2011, 26, 1196-1202.	4.3	11
154	Dynamic Simulator for Thyristor-Controlled Series Capacitor. IEEE Transactions on Industry Applications, 2010, 46, 1096-1102.	4.9	18
155	Delay-dependent stability and control for uncertain discrete switched singular systems with time-delay. Applied Mathematics and Computation, 2008, 206, 413-424.	2.2	84
156	DELAY-DEPENDENT ROBUST H_∞ CONTROL FOR SINGULAR SYSTEMS WITH MULTIPLE DELAYS. ANZIAM Journal, 2008, 50, 209-230.	0.2	2
157	Delay-Dependent Robust Stability Criteria for Two Classes of Uncertain Singular Time-Delay Systems. IEEE Transactions on Automatic Control, 2007, 52, 880-885.	5.7	165