Mei Su

List of Publications by Year
in descending order

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197	3,524	136740	197535
papers	citations	32 h-index	49 g-index

197	197	197	2448
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review of Active Power Decoupling Topologies in Single-Phase Systems. IEEE Transactions on Power Electronics, 2015, , 1-1.	5.4	336
2	An Active Power-Decoupling Method for Single-Phase ACâ€“DC Converters. IEEE Transactions on Industrial Informatics, 2014, 10, 461-468.	7.2	146
3	Optimized EPS Control to Achieve Full Load Range ZVS With Seamless Transition for Dual Active Bridge Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 8379-8390.	5.2	81
4	Stability analysis of DC microgrids with constant power load under distributed control methods. Automatica, 2018, 90, 62-72.	3.0	78
5	An <italic>f-P/Q</italic> Droop Control in Cascaded-Type Microgrid. IEEE Transactions on Power Systems, 2018, 33, 1136-1138.	4.6	77
6	A fully decentralized control of grid-connected cascaded inverters. IEEE Transactions on Sustainable Energy, 2019, 10, 315-317.	5.9	68
7	A Hybrid Control Scheme for Three-Phase Vienna Rectifiers. IEEE Transactions on Power Electronics, 2018, 33, 629-640.	5.4	67
8	Field Orientation Based on Current Amplitude and Phase Angle Control for Wireless Power Transfer. IEEE Transactions on Industrial Electronics, 2018, 65, 4758-4770.	5.2	66
9	Review of control strategy of large horizontalâ€axis wind turbines yaw system. Wind Energy, 2021, 24, 97-115.	1.9	65
10	Indirect Matrix Converter-Based Topology and Modulation Schemes for Enhancing Input Reactive Power Capability. IEEE Transactions on Power Electronics, 2015, 30, 4669-4681.	5.4	56
11	A Control Method for Bridgeless Cuk/Sepic PFC Rectifier to Achieve Power Decoupling. IEEE Transactions on Industrial Electronics, 2017, 64, 7272-7276.	5.2	53
12	Existence and Stability of Equilibrium of DC Microgrid With Constant Power Loads. IEEE Transactions on Power Systems, 2018, 33, 6999-7010.	4.6	52
13	Model Predictive Control Using Multi-Step Prediction Model for Electrical Yaw System of Horizontal-Axis Wind Turbines. IEEE Transactions on Sustainable Energy, 2019, 10, 2084-2093.	5.9	49
14	Indirect Four-Leg Matrix Converter Based on Robust Adaptive Back-Stepping Control. IEEE Transactions on Industrial Electronics, 2011, 58, 4288-4298.	5.2	48
15	Single-Stage DAB-LLC Hybrid Bidirectional Converter With Tight Voltage Regulation Under DCX Operation. IEEE Transactions on Industrial Electronics, 2021, 68, 293-303.	5.2	48
16	Singleâ€phase current source converter with power decoupling capability using a seriesâ€connected active buffer. IET Power Electronics, 2015, 8, 700-707.	1.5	47
17	Two-Stage Matrix Converter Based on Third-Harmonic Injection Technique. IEEE Transactions on Power Electronics, 2016, 31, 533-547.	5.4	47
18	Optimization Design and Control of Single-Stage Single-Phase PV Inverters for MPPT Improvement. IEEE Transactions on Power Electronics, 2020, 35, 13000-13016.	5.4	47

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19	A General Constructive Approach to Matrix Converter Stabilization. IEEE Transactions on Power Electronics, 2013, 28, 418-431.	5.4	45
20	Input Current Ripple and Grid Current Harmonics Restraint Approach for Single-Phase Inverter Under Battery Input Condition in Residential Photovoltaic/Battery Systems. IEEE Transactions on Sustainable Energy, 2018, 9, 1957-1968.	5.9	45
21	Active Power Decoupling Method for Single-Phase Current-Source Rectifier With No Additional Active Switches. IEEE Transactions on Power Electronics, 2016, 31, 5644-5654.	5.4	42
22	Combined Reactive Power Injection Modulation and Grid Current Distortion Improvement Approach for H6 Transformer-Less Photovoltaic Inverter. IEEE Transactions on Energy Conversion, 2017, 32, 1456-1467.	3.7	40
23	Modulation strategies based on mathematical construction method for matrix converter under unbalanced input voltages. IET Power Electronics, 2013, 6, 434-445.	1.5	39
24	Hybrid UP-PWM Scheme for HERIC Inverter to Improve Power Quality and Efficiency. IEEE Transactions on Power Electronics, 2019, 34, 4292-4303.	5.4	38
25	Topology and Modulation for a New Multilevel Diode-Clamped Matrix Converter. IEEE Transactions on Power Electronics, 2014, 29, 6352-6360.	5.4	37
26	Light-Load Efficiency Enhancement of High-Frequency Dual-Active-Bridge Converter Under SPS Control. IEEE Transactions on Industrial Electronics, 2021, 68, 12941-12946.	5.2	37
27	Modulation Strategy Based on Mathematical Construction for Matrix Converter Extending the Input Reactive Power Range. IEEE Transactions on Power Electronics, 2014, 29, 654-664.	5.4	36
28	A Natural Bidirectional Input-Seriesâ€“Output-Parallel LLC-DCX Converter With Automatic Power Sharing and Power Limitation Capability for Li-Ion Battery Formation and Grading System. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3618-3632.	3.7	35
29	A Single-Phase PFC Rectifier With Wide Output Voltage and Low-Frequency Ripple Power Decoupling. IEEE Transactions on Power Electronics, 2018, 33, 5076-5086.	5.4	34
30	PWM Modulation and Control Strategy for LLC-DCX Converter to Achieve Bidirectional Power Flow in Facing With Resonant Parameters Variation. IEEE Access, 2019, 7, 54693-54704.	2.6	34
31	Multi-objective energy-cost design optimization for the variable-speed wind turbine at high-altitude sites. Energy Conversion and Management, 2019, 196, 513-524.	4.4	33
32	Review and Comparison of Control Strategies in Active Power Decoupling. IEEE Transactions on Power Electronics, 2021, 36, 14436-14455.	5.4	33
33	Carrier-Based Modulation Strategies for Multimodular Matrix Converters. IEEE Transactions on Industrial Electronics, 2016, 63, 1350-1361.	5.2	32
34	A Robust Control Scheme Based on ISMC for the Brushless Doubly Fed Induction Machine. IEEE Transactions on Power Electronics, 2018, 33, 3129-3140.	5.4	32
35	Annual Energy Production Estimation for Variable-speed Wind Turbine at High-altitude Site. Journal of Modern Power Systems and Clean Energy, 2021, 9, 684-687.	3.3	32
36	A Cost-Effective and Low-Complexity Predictive Control for Matrix Converters Under Unbalanced Grid Voltage Conditions. IEEE Access, 2019, 7, 43895-43905.	2.6	30

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37	An Optimized DPS Control for Dual-Active-Bridge Converters to Secure Full-Load-Range ZVS With Low Current Stress. IEEE Transactions on Transportation Electrification, 2022, 8, 1389-1400.	5.3	30
38	A Three-Level T-Type Indirect Matrix Converter Based on the Third-Harmonic Injection Technique. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 841-853.	3.7	29
39	A Predictive-Control-Based Over-Modulation Method for Conventional Matrix Converters. IEEE Transactions on Power Electronics, 2018, 33, 3631-3643.	5.4	29
40	A Three-Phase Grid-Connected Microinverter for AC Photovoltaic Module Applications. IEEE Transactions on Power Electronics, 2018, 33, 7721-7732.	5.4	28
41	Topology and Control of a Split-Capacitor Four-Wire Current Source Inverter With Leakage Current Suppression Capability. IEEE Transactions on Power Electronics, 2018, 33, 10803-10814.	5.4	28
42	Simultaneous 3-D Wireless Power Transfer to Multiple Moving Devices With Different Power Demands. IEEE Transactions on Power Electronics, 2020, 35, 4533-4546.	5.4	28
43	Carrier-Based Modulation Strategies With Reduced Common-Mode Voltage for Five-Phase Voltage Source Inverters. IEEE Transactions on Power Electronics, 2018, 33, 2381-2394.	5.4	27
44	A Single Phase AC/DC/AC Converter With Unified Ripple Power Decoupling. IEEE Transactions on Power Electronics, 2018, 33, 3204-3217.	5.4	26
45	Analysis and control of a reduced switch hybrid active power filter. IET Power Electronics, 2016, 9, 1416-1425.	1.5	25
46	Modulation Strategies Based on Mathematical Construction Method for Multimodular Matrix Converter. IEEE Transactions on Power Electronics, 2016, 31, 5423-5434.	5.4	25
47	Topology and Modulation Scheme of a Three-Level Third-Harmonic Injection Indirect Matrix Converter. IEEE Transactions on Industrial Electronics, 2017, 64, 7612-7622.	5.2	25
48	A Decentralized Control With Unique Equilibrium Point for Cascaded-Type Microgrid. IEEE Transactions on Sustainable Energy, 2019, 10, 324-326.	5.9	25
49	A Dual Frequency Tuning Method for Improved Coupling Tolerance of Wireless Power Transfer System. IEEE Transactions on Power Electronics, 2021, 36, 7360-7365.	5.4	25
50	Wind direction prediction for yaw control of wind turbines. International Journal of Control, Automation and Systems, 2017, 15, 1720-1728.	1.6	23
51	Feasible Power-Flow Solution Analysis of DC Microgrids Under Droop Control. IEEE Transactions on Smart Grid, 2020, 11, 2771-2781.	6.2	23
52	Power Factor Angle Droop Controlâ€"A General Decentralized Control of Cascaded Inverters. IEEE Transactions on Power Delivery, 2021, 36, 465-468.	2.9	23
53	Active Common-Mode Voltage-Based Open-Switch Fault Diagnosis of Inverters in IM-Drive Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 103-115.	5.2	23
54	Error-Voltage-Based Open-Switch Fault Diagnosis Strategy for Matrix Converters with Model Predictive Control Method. IEEE Transactions on Industry Applications, 2017, 53, 4603-4612.	3.3	21

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55	Modulation Methods for Indirect Matrix Converter Extending the Input Reactive Power Range. IEEE Transactions on Power Electronics, 2017, 32, 4852-4863.	5.4	21
56	Transformerâ€less dynamic voltage restorer based on a threeâ€leg ac/ac converter. IET Power Electronics, 2018, 11, 2045-2052.	1.5	21
57	A General Decentralized Control Scheme for Medium-/High-Voltage Cascaded STATCOM. IEEE Transactions on Power Systems, 2018, 33, 7296-7300.	4.6	21
58	A New Modulation Strategy to Reduce Common-Mode Current of Indirect Matrix Converter. IEEE Transactions on Industrial Electronics, 2019, 66, 7447-7452.	5.2	21
59	A Comparison Study between Two MPPT Control Methods for a Large Variable-Speed Wind Turbine under Different Wind Speed Characteristics. Energies, 2017, 10, 613.	1.6	20
60	Harmonic Instability and Amplification for Grid-Connected Inverter With Voltage Harmonics Compensation Considering Phase-Locked Loop. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3944-3959.	3.7	20
61	Decoupled EPS Control Utilizing Magnetizing Current to Achieve Full Load Range ZVS for Dual Active Bridge Converters. IEEE Transactions on Industrial Electronics, 2022, 69, 4801-4813.	5.2	20
62	A novel wind speed estimator-integrated pitch control method for wind turbines with global-power regulation. Energy, 2017, 138, 816-830.	4.5	19
63	Four-Switch Single-Phase Common-Ground PV Inverter With Active Power Decoupling. IEEE Transactions on Industrial Electronics, 2022, 69, 3223-3228.	5.2	19
64	An algorithm to remove noise from locomotive bearing vibration signal based on self-adaptive EEMD filter. Journal of Central South University, 2017, 24, 478-488.	1.2	18
65	A Generalized Design Framework for Neutral Point Voltage Balance of Three-Phase Vienna Rectifiers. IEEE Transactions on Power Electronics, 2019, 34, 10221-10232.	5.4	18
66	Active thirdâ€harmonic injection indirect matrix converter with dual threeâ€phase outputs. IET Power Electronics, 2016, 9, 657-668.	1.5	17
67	Optimal switching sequence model predictive control for threeâ€phase Vienna rectifiers. IET Electric Power Applications, 2018, 12, 1006-1013.	1.1	17
68	Active Power Decoupling Control for Single-Phase Current Source Rectifier Based on Emulating LC Resonator. IEEE Transactions on Industrial Electronics, 2021, 68, 5460-5465.	5.2	17
69	Existence and Stability of Equilibrium of DC Micro-Grid Under Master-Slave Control. IEEE Transactions on Power Systems, 2022, 37, 212-223.	4.6	17
70	A Repetitive Control Scheme Aimed at Compensating the 6k + 1 Harmonics for a Three-Phase Hybrid Active Filter. Energies, 2016, 9, 787.	1.6	16
71	A Soft-Switching Control for Cascaded Buck-Boost Converters Without Zero-Crossing Detection. IEEE Access, 2019, 7, 32522-32536.	2.6	16
72	Modulation for the AVC-HERIC Inverter to Compensate for Deadtime and Minimum Pulsewidth Limitation Distortions. IEEE Transactions on Power Electronics, 2020, 35, 2571-2584.	5.4	16

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73	A Decentralized Control for Cascaded Inverters in Grid-Connected Applications. IEEE Transactions on Industrial Electronics, 2020, 67, 8064-8071.	5.2	16
74	Active power compensation method for singleâ€phase current source rectifier without extra active switches. IET Power Electronics, 2016, 9, 1719-1726.	1.5	15
75	Frequency Coupling Suppression Control Strategy for Single-Phase Grid-Tied Inverters in Weak Grid. IEEE Transactions on Industrial Electronics, 2022, 69, 8926-8938.	5.2	15
76	Single-Phase Inverter With Wide Input Voltage and Power Decoupling Capability. IEEE Access, 2019, 7, 16870-16879.	2.6	14
77	A Natural Bidirectional Isolated Single-Phase AC/DC Converter With Wide Output Voltage Range for Aging Test Application in Electric Vehicle. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3489-3500.	3.7	14
78	Comprehensive Optimization for Fatigue Loads of Wind Turbines in Complex-Terrain Wind Farms. IEEE Transactions on Sustainable Energy, 2021, 12, 909-919.	5.9	14
79	Adaptive Power Decoupling Control for Single-Phase Converter With Unbalanced DC-Split-Capacitor Circuit. IEEE Transactions on Power Electronics, 2021, 36, 12127-12136.	5.4	14
80	Recursive SISO Impedance Modeling of Single-Phase Voltage Source Rectifiers. IEEE Transactions on Power Electronics, 2021, , 1-1.	5.4	13
81	A Cascade PI-SMC Method for Matrix Converter-Fed BDFIM Drives. IEEE Transactions on Transportation Electrification, 2021, 7, 2541-2550.	5.3	13
82	A Communication-Free Decentralized Control for Grid-Connected Cascaded PV Inverters. Energies, 2018, 11, 1375.	1.6	12
83	Resistance-Emulating Control Strategy for Three-Phase Voltage Source Rectifiers Under Unbalanced Grids. IEEE Transactions on Industrial Electronics, 2022, 69, 1103-1113.	5.2	12
84	Observer-Based Adaptive Control for Single-Phase UPS Inverter Under Nonlinear Load. IEEE Transactions on Transportation Electrification, 2022, 8, 2785-2796.	5.3	12
85	Power Oscillation Suppression in Multi-VSG Grid by Adaptive Virtual Impedance Control. IEEE Systems Journal, 2022, 16, 4744-4755.	2.9	12
86	Coordinated control for unbalanced operation of stand-alone doubly fed induction generator. Wind Energy, 2014, 17, 317-336.	1.9	11
87	Family of twoâ€port switching networks with ripple power decoupling and output voltage stepâ€up functions. IET Power Electronics, 2017, 10, 1175-1182.	1.5	11
88	Open-Switch and Current Sensor Fault Diagnosis Strategy for Matrix Converter-Based PMSM Drive System. IEEE Transactions on Transportation Electrification, 2022, 8, 875-885.	5.3	11
89	Power Oscillation Suppression of Multi-VSG Grid via Decentralized Mutual Damping Control. IEEE Transactions on Industrial Electronics, 2022, 69, 10202-10214.	5.2	11
90	Control method for the twoâ€stage matrix converter to enhance the linear voltage transfer ratio. IET Power Electronics, 2018, 11, 2295-2301.	1.5	10

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91	Moving Integration Filter-Based Open-Switch Fault-Diagnosis Method for Three-Phase Induction Motor Drive Systems. IEEE Transactions on Transportation Electrification, 2020, 6, 1093-1103.	5.3	10
92	Coupled Inductor Based Bidirectional Resonant Converter With Sine Wave Modulation in Wide Voltage Range. IEEE Transactions on Power Electronics, 2022, 37, 3713-3718.	5.4	10
93	Hybrid predictive control strategy for a lowâ€cost converterâ€fed IM drive. IET Electric Power Applications, 2018, 12, 581-587.	1.1	9
94	Power factor angle consistency control for decentralised power sharing in cascadedâ€type microgrid. IET Generation, Transmission and Distribution, 2019, 13, 850-857.	1.4	9
95	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.	3.7	9
96	A General Impedance-Emulating Digital Control of Single-Phase Rectifier for High Power Factor. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 4037-4045.	3.7	9
97	ZVS Analysis of Half Bridge LLC-DCX Converter Considering the Influence of Resonant Parameters and Loads. , 2020, , .		9
98	Accurate Loop Gain Modeling of Digitally Controlled Buck Converters. IEEE Transactions on Industrial Electronics, 2022, 69, 725-739.	5.2	9
99	Modulated Coupled Inductor for Input-Serialâ€“Output-Parallel Dual-Active-Bridge Converter. IEEE Transactions on Industrial Electronics, 2022, 69, 6450-6455.	5.2	9
100	Current-Fed LC Series Resonant Converter With Load-Independent Voltage-Gain Characteristics for Wide Voltage Range Applications. IEEE Transactions on Power Electronics, 2021, 36, 11509-11522.	5.4	9
101	ZVS Analysis and Design for Half Bridge Bidirectional LLC-DCX Converter With Consideration of Nonlinear Capacitance and Different Load Under Synchronous Turn-On and Turn-Off Modulation. IEEE Transactions on Transportation Electrification, 2022, 8, 2429-2443.	5.3	9
102	Power factor consistency control for decentralized power sharing in islanded AC microgrids with cascaded inverters. , 2017, , .		8
103	Comparative Analysis of LCL, LCLC, CLLC Compensation Networks for Capacitive Power Transfer. , 2018, , .		8
104	A Fast and Smooth Single-Phase DSC-Based Frequency-Locked Loop Under Adverse Grid Conditions. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2965-2979.	3.7	8
105	An LLC-DAB Bidirectional DCX Converter with Wide Load Range ZVS and Reduced Switch Count. IEEE Transactions on Power Electronics, 2021, , 1-1.	5.4	8
106	Design Considerations for PPS Controlled Current-Fed DAB Converter to Achieve Full Load Range ZVS and Low Inductor Current Stress. IEEE Transactions on Industry Applications, 2021, 57, 6261-6276.	3.3	8
107	Model Predictive-Based Voltage Balancing Control for Single-Phase Three-Level Inverters. IEEE Transactions on Power Electronics, 2021, 36, 12177-12182.	5.4	8
108	Peak and Valley Current Control for Cuk PFC Converter to Reduce Capacitance. IEEE Transactions on Power Electronics, 2022, 37, 313-321.	5.4	8

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109	Three Winding Coupled Inductor-Based Dual Active Bridge DC-DC Converter With Full Load Range ZVS Under Wide Voltage Range. IEEE Transactions on Industrial Electronics, 2022, 69, 6935-6947.	5.2	8
110	Modulated model predictive control of permanent magnet synchronous motor. , 2018, , .		7
111	Control Method for the Sheppardâ€“Taylor PFC Rectifier to Reduce Capacitance Requirements. IEEE Transactions on Power Electronics, 2018, 33, 2714-2722.	5.4	7
112	Internal Model Current Control of Brushless Doubly Fed Induction Machines. Energies, 2018, 11, 1883.	1.6	7
113	Study of coupling configurations of capacitive power transfer system with four metal plates. Wireless Power Transfer, 2019, 6, 97-112.	0.9	7
114	Coupled-Inductor-Based Dual Active Bridge Converter With Soft Switching Capability and Low Component Count. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 4771-4782.	3.7	7
115	An Extremum Seeking Algorithm Based on Square Wave for Three-Dimensional Wireless Power Transfer System to Achieve Maximum Power Transmission. IEEE Transactions on Industry Applications, 2022, 58, 1279-1288.	3.3	7
116	Single-phase Integrated Power Decoupling Inverter Based on Boost Converter. , 2020, , .		7
117	Conductance Emulating Control Strategy for Three-Phase Current Source Rectifier Under Unbalanced Grid Voltages. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2837-2841.	2.2	7
118	Stator-current-based MRAS observer for the sensorless control of the brushless doubly-fed induction machine. , 2017, , .		6
119	A Novel Stacked Generalization Ensemble-Based Hybrid PSVM-PMLP-MLR Model for Energy Consumption Prediction of Copper Foil Electrolytic Preparation. IEEE Access, 2021, 9, 5821-5831.	2.6	6
120	Bimodal Transformerless Inverter With Three Switches. IEEE Transactions on Industrial Electronics, 2022, 69, 8972-8983.	5.2	6
121	Implementation of phase disposition modulation method for the threeâ€level diodeâ€clamped matrix converter. IET Power Electronics, 2015, 8, 2107-2114.	1.5	5
122	A novel operation mode for PV-storage independent microgrids with MPPT based droop control. , 2017, , .		5
123	A decentralized SOC balancing method in cascaded H-bridge based storage modules. , 2017, , .		5
124	A unified distributed control for grid-connected and islanded modes in multi-bus AC microgrid. , 2017, , .		5
125	An Integrated Series-Parallel Microgrid Structure and its Unified Distributed Control. , 2018, , .		5
126	A Symmetrical Transformerless Hybrid Converter with Leakage Current Suppression. , 2019, , .		5

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127	A Local-Distributed and Global-Decentralized SoC Balancing Method for Hybrid Series-Parallel Energy Storage System. IEEE Systems Journal, 2022, 16, 2289-2299.	2.9	5
128	Communicationâ€free optimal economical dispatch scheme for cascadedâ€type microgrids with capacity constraints. IET Power Electronics, 2020, 13, 2866-2873.	1.5	5
129	An Efficiency-Improved Single-Phase PFC Rectifier With Active Power Decoupling. IEEE Transactions on Power Electronics, 2022, 37, 10784-10796.	5.4	5
130	An optimal PID control of wind generation based on matrix converter. , 2009, , .		4
131	Carrier-based modulation strategy of indirect matrix converters for common-mode voltage reduction. , 2017, , .		4
132	Modified modulation scheme for threeâ€level diodeâ€clamped matrix converter under unbalanced input conditions. IET Power Electronics, 2018, 11, 1425-1433.	1.5	4
133	Reducedâ€switch induction motor drive system with active power decoupling. IET Electric Power Applications, 2019, 13, 969-976.	1.1	4
134	A 3D wireless charging cube with externally enhanced magnetic field for extended range of wireless power transfer. Wireless Power Transfer, 2019, 6, 67-76.	0.9	4
135	Dataâ€driven modeling for fatigue loads of largeâ€scale wind turbines under active power regulation. Wind Energy, 2021, 24, 558-572.	1.9	4
136	Stability Analysis of Dual Active Bridge Converter With Input Filter and Constant Power Load. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 658-669.	3.0	4
137	<scp>Leaderâ€distributed followerâ€decentralized</scp> control strategy for economic dispatch in <scp>cascadedâ€parallel</scp> microgrids. International Transactions on Electrical Energy Systems, 2021, 31, e12964.	1.2	4
138	Modified Topology and PWM Modulation for Bidirectional LLC-DCX Converter with Center-Tapped Transformer. , 2021, , .		4
139	Two New Modulation Strategies for Two-Stage Matrix Converter under Nonsinusoidal Input Voltages. , 2007, , .		3
140	A Novel Commutation Strategy to Suppress the Common Mode Voltage for the Matrix Converter. , 2009, , .		3
141	Current control for third-harmonic injection two-stage matrix converter under unbalanced input voltages. , 2017, , .		3
142	A decentralized control for cascaded PV inverter system in grid-connected mode. , 2017, , .		3
143	A stabilization method of LC input filter in DC microgrids feeding constant power loads. , 2017, , .		3
144	Leakage current suppression and ripple power reduction for transformer-less single-phase photovoltaic inverters. , 2017, , .		3

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145	A distributed control scheme with cost optimization and capacity constraints. , 2017, , .		3
146	A hybrid control strategy based on modified repetitive control for single-phase photovoltaic inverter in stand-alone mode. , 2018, , .		3
147	A unified distributed control scheme on cost optimization for hybrid AC/DC microgrid. , 2018, , .		3
148	Singleâ€phase current source converter with high reliability and high power density. IET Power Electronics, 2020, 13, 1218-1226.	1.5	3
149	Stabilized Negative Resistance Emulating Control for Grid-Connected Inverter. IEEE Transactions on Industrial Electronics, 2022, 69, 8599-8603.	5.2	3
150	A Completely Distributed Economic Dispatching Strategy Considering Capacity Constraints. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2021, 11, 210-221.	2.7	3
151	Disturbance observerâ€based sliding mode control for dynamic performance enhancement and currentâ€sensorless of buck/boost converter. IET Power Electronics, 2021, 14, 1421-1432.	1.5	3
152	A Coupled-Inductor-Based Soft-Switching Noninverting Buckâ€“Boost Converter With Reduced Auxiliary Component Count. IEEE Transactions on Industrial Electronics, 2022, 69, 7526-7532.	5.2	3
153	High-Gain Symmetrical Z-Source Hybrid Converter with Low Leakage Currents. , 2020, , .		3
154	Stability Analysis of the Interleaved Buck Converter With Coupled Inductor. IEEE Transactions on Transportation Electrification, 2022, 8, 2299-2310.	5.3	3
155	Magnetizing and Leakage Inductance Integration for Split Transformers With Standard UI Cores. IEEE Transactions on Power Electronics, 2022, 37, 12980-12985.	5.4	3
156	Simulation research of boost-flyback photovoltaic grid-connected micro-inverter. , 2015, , .		2
157	A carrier-based modulation strategy for multi-modular matrix converters with zero common-mode voltage. , 2016, , .		2
158	Decentralized economical-sharing scheme for cascaded AC microgrids. , 2017, , .		2
159	Passivity-based stabilization method of DC microgrid considering negative impedance characteristic. , 2017, , .		2
160	Open-circuit fault detection for inverter fed by non-communication series-connected power optimizer. , 2017, , .		2
161	New concept of wireless power grid for industrial and home application. , 2018, , .		2
162	A Cost-Effective Decentralized Control for AC-Stacked Photovoltaic Inverters. Energies, 2018, 11, 2262.	1.6	2

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163	A series-parallel PV-storage independent microgrid and its decentralized control. International Transactions on Electrical Energy Systems, 2019, 29, e2715.	1.2	2
164	A Cascade PI-SMC Method for Brushless Doubly-Fed Induction Machine with Matrix Converter. , 2020, , .		2
165	A Bidirectional Symmetrical C4LC-DCX Resonant Converter With Power Limitation Capability. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 868-880.	3.7	2
166	Three-Level Indirect Matrix Converter With Neutral-Point Potential Balance Scheme for Adjustable Speed Drives. IEEE Transactions on Transportation Electrification, 2022, 8, 845-855.	5.3	2
167	A Three-Level Output Modulation Strategy for Conventional 3 Ã— N Direct Matrix Converters. IEEE Transactions on Industrial Electronics, 2022, 69, 9689-9699.	5.2	2
168	A Wireless Selective Frequency Hybrid Compensation Network with Constant Power Profile against Pad Misalignment. , 2020, , .		2
169	A Hierarchical Intelligent Fault Detection and Location Scheme for DC Ring Bus Microgrid. , 2021, , .		2
170	Unified Extended-Frequency Model of Buck Converters Under Different Carriers. IEEE Transactions on Industrial Electronics, 2023, 70, 4108-4119.	5.2	2
171	A local harmonic compensation and power sharing control strategy in islanded microgrid based on PI+repetitive control. , 2015, , .		1
172	The coordinated control strategy of hybrid microgrid based on the maximum utilization of PV generation. , 2015, , .		1
173	Error-voltage based open-switch fault diagnosis strategy for matrix converters with model predictive control method. , 2016, , .		1
174	Enhancing the current quality of four-leg direct matrix converter under unbalanced loads. , 2016, , .		1
175	A unified SoC balancing method with low-bandwidth distributed communication in island microgrid. , 2017, , .		1
176	A novel receiver topology based on Cockcroft-Walton voltage multiplier for Inductive Power Transfer system. , 2017, , .		1
177	Optimal decentralized economical-sharing criterion and scheme for AC microgrids. , 2017, , .		1
178	An improved HERIC inverter with zero-current-switching. , 2017, , .		1
179	A Decentralized Power Control of Cascaded Single-Stage PV Inverters for Grid-connected Applications. , 2018, , .		1
180	A converter based on energy injection control for AC-AC, AC-DC, DC-DC, DC-AC conversion. , 2018, , .		1

#	Article	IF	Citations
181	Improved Branch Energy Balance Control for Three-Phase to Single-Phase Modular Multilevel Converter for Railway Traction Power Supply. IEEE Transactions on Transportation Electrification, 2023, 9, 87-98.	5.3	1
182	Research on non-isolated transformer single-phase UPQC system. , 2015, , .		0
183	Design criteria for parallel connected-buck converters in DC microgrid loaded by CPLs. , 2017, , .		0
184	Active power decoupling in capacitive idling converter based PFC rectifier. , 2017, , .		0
185	A novel DCES based voltage control stragety for critical load supplied by wireless power. , 2017, , .		0
186	Commutation Torque Ripple Reduction for Brushless DC Motors Based on Optimal Control. , 2018, , .		0
187	A Predictive-Control-Based Over-Modulation Method for Third-Harmonic Injection Two-Stage Matrix Converter. , 2019, , .		0
188	A Virtual Inertia Control Method for Series-type Inverters System in Islanded Mode. , 2021, , .		0
189	Hybrid Full-Bridge Boost-Converter with Full ZCS for MVDC Grids. , 2021, , .		0
190	A Communication-less Master Slaver Control for Three Phase Cascaded-Inverters Microgrid System. , 2021, , .		0
191	An Improved Boost-Type Hybrid Converter with Multiple Outputs. , 2020, , .		0
192	Three-loop control for improving dynamic and static characteristics of SVG with LCL filter. , 2021, , .		0
193	An Expandable High Step-up Resonant DC-DC Converter. , 2021, , .		0
194	Decentralized Method for Islanded Operation Mode. Power Systems, 2022, , 139-148.	0.3	0
195	Split PCB Winding Transformer for Dual-Active-Bridge Converter with Full Load Range ZVS. , 2022, , .		0
196	Robust DC-Link Voltage-Balancing Strategy Based on Model Predictive Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4488-4492.	2.2	0
197	Solvability and Stability Conditions for the Power Flow equation of DC Microgrid under Master-Slave Control. , 2022, , .		0