

S NO	IEEE	TITLE
1	2017	High-Efficiency Bridgeless Three-Level Power Factor Correction Rectifier
2	2017	Improved pulse-width modulation scheme for T-type multilevel inverter
3	2017	Single-Stage Three-Phase Current-Source Photovoltaic Grid-Connected Inverter High Voltage Transmission Ratio
4	2017	Proportional-resonant control applied on voltage regulation of standalone SEIG for micro-hydro power generation
5	2017	Power Quality Enhancement of Smart Households Using a Multilevel-THSeAF With a PR Controller
6	2017	Photovoltaic Module-Integrated Stand-alone Single-Stage Switched Capacitor Inverter with Maximum Power Point Tracking
7	2017	Neutral Point Clamped MOSFET Inverter With Full-Bridge Configuration for Nonisolated Grid-Tied Photovoltaic System
8	2017	A Single-Phase Grid-Connected Photovoltaic Inverter Based on a Three-Switch Three-Port Flyback With Series Power Decoupling Circuit
9	2017	A New Single-Phase Switched-Coupled-Inductor DC-AC Inverter for Photovoltaic Systems
10	2017	A Novel Soft-Switching Interleaved Coupled-Inductor Boost Converter with Only Single Auxiliary Circuit
11	2017	Discontinuous Current Mode Operation of Two-Phase Interleaved Boost Dc-dc Converter with Coupled-inductor
12	2017	A Novel Interleaved Non isolated Ultrahigh-Step-Up DC-DC Converter With ZVS Performance
13	2017	Zero-Voltage-Transition Interleaved Boost Converter With an Auxiliary Coupled Inductor
14	2017	Interleaved LLC Resonant Converter With Hybrid Rectifier and Variable-Frequency Plus Phase-Shift control for Wide Output Voltage Range Applications
15	2017	Hybrid Z-Source Boost DC-DC Converters
16	2017	Quasi-Z-Source Network-Based Hybrid Power Supply System for Aluminium Electrolysis Industry
17	2017	Wide Input-Voltage Range Boost Three-Level DC-DC Converter With Quasi-Z Source for Fuel Cell Vehicles
18	2017	Load and Source Battery Simulator Based on Z-Source Rectifier
19	2017	High-Performance Quasi-Z-Source Series Resonant DC-DC Converter for Photovoltaic Module-Level Power Electronics Applications
20	2017	Dual-Bridge LLC Resonant Converter With Fixed-Frequency PWM Control for Wide Input Applications
21	2017	Design and Steady-State Analysis of Parallel Resonant DC-DC Converter for High-Voltage Power Generator
22	2017	A Quasi-Resonant Current-Fed Converter With Minimum Switching Losses
23	2017	A New Dual-Bridge Series Resonant DC-DC Converter with Dual-Tank
24	2017	Analysis and Design of SQR-Based High-Voltage LLC Resonant DC-DC Converter
25	2017	Soft-Switching Dual-Fly back DC-DC Converter With Improved Efficiency and Reduced Output

		Ripple Current
26	2017	High-Efficiency Soft-Switching AC-DC Converter With Single-Power-Conversion Method
27	2017	A New ZVT Snubber Cell for PWM-PFC Boost Converter
28	2017	A Hybrid ZVZCS Dual-Transformer-Based Full-Bridge Converter Operating in DCM for MVDC Grids
29	2017	A T-Type Isolated Zero Voltage Switching DC-DC Converter With Capacitive Output
30	2017	A Boost PFC Stage Utilized as Half-Bridge Converter for High-Efficiency DC-DC Stage in Power Supply Unit
31	2017	A Family of Single-Phase Hybrid Step-Down PFC Converters
32	2017	A Family of Single-Phase Voltage-Doubler High-Power-Factor SEPIC Rectifiers Operating in DCM
33	2017	Flexible Mode Bridgeless Boost PFC Rectifier With High Efficiency Over a Wide Range of Input Voltage
34	2017	A Single-Switch AC-DC LED Driver Based on a Boost-Flyback PFC Converter With Lossless Snubber
35	2017	Flyback-Based Three-Port Topologies for Electrolytic Capacitor-Less LED Drivers
36	2017	Analysis and Design of a Single-Stage Isolated AC-DC LED Driver With a Voltage Doubler Rectifier
37	2017	Single-Switch Coupled-Inductor-Based Two-Channel LED Driver With a Passive Regenerative Snubber
38	2017	Single-Stage Single-Switch Four-Output Resonant LED Driver With High Power Factor and Passive Current Balancing
39	2017	An AC-DC LED Driver With a Two-Parallel Inverted Buck Topology for Reducing the Light Flicker in Lighting Applications to Low-Risk Levels
40	2017	Improved Power Quality Bridgeless Converter-Based SMPS for Arc Welding
41	2017	A Dual-Buck-Boost AC/DC Converter for DC Nanogrid With Three Terminal Outputs
42	2017	Analysis and Design of an Input-Series Two-Transistor Forward Converter for High-Input Voltage Multiple-Output Applications
43	2017	Design and Implementation of a High-Efficiency Multiple Output Charger Based on the Time-Division Multiple Control Technique
44	2017	A Novel Reversal Coupled Inductor High-Conversion-Ratio Bi-directional DC-DC Converter
45	2017	Interleaved Switched-Capacitor Bidirectional DC-DC Converter with Wide Voltage-Gain Range for Energy Storage Systems
46	2017	A Control Map for a Bidirectional PWM Plus Phase-Shift-Modulated Push-Pull DC-DC Converter
47	2017	Modelling and Analysis of Dual-Active-Bridge Isolated Bidirectional DC/DC Converter to Minimize RMS Current with Whole Operating Range
48	2017	A Family of True Zero Voltage Zero Current Switching Non isolated Bidirectional DC-DC Converter With Wide Soft Switching Range
49	2017	High Light-Load Efficiency Power Conversion Scheme Using Integrated Bidirectional Buck Converter for Paralleled Server Power Supplies

50	2017	Cascaded High-Voltage-Gain Bidirectional Switched-Capacitor DC-DC Converters for Distributed Energy Resources Applications
51	2017	A High-Efficiency Step-Up Current-Fed Push-Pull Quasi-Resonant Converter With Fewer Components for Fuel Cell Application
52	2017	A High Step-up PWM DC-DC Converter With Coupled-Inductor and Resonant Switched-Capacitor
53	2017	Ultra large Gain Step-Up Coupled-Inductor DC-DC Converter With an Asymmetric Voltage Multiplier Network for a Sustainable Energy System
54	2017	Zero-Ripple Input-Current High-Step-Up Boost-SEPIC DC-DC Converter With Reduced Switch-Voltage Stress
55	2017	A High-Voltage-Gain DC-DC Converter Based on Modified Dickson Charge Pump Voltage Multiplier Bidirectional Single-Stage Grid-Connected Inverter
56	2017	High-Efficiency Asymmetric Forward-Flyback Converter for Wide Output Power Range
57	2017	A Novel Structure for Single-Switch Non isolated Transformer less Buck-Boost DC-DC Converter
58	2017	A New Negative Output Buck-Boost Converter with Wide Conversion Ratio
59	2017	A Cascaded Coupled Inductor-Reverse High Step-Up Converter Integrating Three-Winding Coupled Inductor and Diode-Capacitor Technique
60	2017	Analysis and Design of Impulse-Commutated Zero-Current-Switching Single-Inductor Current-Fed Three-Phase Push-Pull Converter
61	2017	Design and Analysis of a Class of Zero Fundamental Ripple Converters
62	2017	Modelling and Analysis of AC Output Power Factor for Wireless Chargers in Electric Vehicles
63	2017	Higher Order Compensation for Inductive-Power-Transfer Converters With Constant-Voltage or Constant-Current Output Combating Transformer Parameter Constraints
64	2017	A New Integration Method for an Electric Vehicle Wireless Charging System Using LCC Compensation Topology
65	2017	Bidirectional Current-Fed Half-Bridge Configuration for Inductive Wireless Power Transfer System
66	2017	Z-Source Resonant Converter With Constant Frequency and Load Regulation for EV Wireless Charger
67	2017	Commutation Torque Ripple Suppression Strategy for Brushless DC Motors With a Novel Non-inductive Boost Front End
68	2017	Quasi-Z-Source Indirect Matrix Converter Fed Induction Motor Drive for Flow Control of Dye in Paper Mill
69	2017	Commutation Torque Ripple Reduction in BLDC Motor Using Modified SEPIC converter and three-level NPC inverter
70	2017	Design and Demonstration of High Power Density Inverter for Aircraft Applications
71	2017	A Novel Method of Reducing Commutation Torque Ripple for Brushless DC Motor Based on Cuk Converter
72	2017	High-Voltage Gain Half-Bridge Z-Source Inverter With Low-Voltage Stress on Capacitors
73	2017	Enhanced-Boost Quasi-Z-Source Inverters with Two Switched Impedance Network

74	2017	A New Class of Single-Phase High-Frequency Isolated ZSource AC-AC Converters with Reduced Passive Components
75	2017	Steady-State Analysis and Design Considerations of High Voltage Gain Switched Z-Source Inverter With Continuous Input Current
76	2017	Quasi Cascaded H-Bridge Five-Level Boost Inverter
77	2017	A Novel Nine-Level Inverter Employing One Voltage Source and Reduced Components as High-Frequency AC Power Source
78	2017	Maximum Boost Control of Diode-Assisted Buck-Boost Voltage-Source Inverter With Minimum Switching Frequency
79	2017	Modelling and Optimization of a Zero-Voltage Switching Inverter for High Efficiency and Miniaturization
80	2017	Interleaved Resonant Boost Inverter Featuring SiC Module for High Performance Induction Heating
81	2017	A Four-Switch Single-Stage Single-Phase Buck-Boost Inverter
82	2017	A Highly Reliable and High-Efficiency Quasi Single-Stage Buck-Boost Inverter
83	2017	Dual-DC-Port Asymmetrical Multilevel Inverters With Reduced Conversion Stages and Enhanced Conversion Efficiency
84	2017	Design and Implementation of an Amorphous High-Frequency Transformer Coupling Multiple Converters in a Smart Micro grid
85	2017	Analysis, Design, Modelling, and Control of an Interleaved-Boost Full-Bridge Three-Port Converter for Hybrid Renewable Energy Systems
86	2017	Secondary-Side-Regulated Soft-Switching Full-Bridge Three-Port Converter Based on Bridgeless Boost Rectifier and Bidirectional Converter for Multiple Energy Interface
87	2017	Hybrid Energy Storage System Micro Grids Integration For Power Quality Improvement Using Four Leg Three Level NPC Inverter and Second Order Sliding Mode Control
88	2017	Control of a Hybrid AC/DC Microgrid Involving Energy Storage and Pulsed Load
89	2017	A Decentralized Dynamic Power Sharing Strategy for Hybrid Energy Storage System in Autonomous DC Microgrid
90	2017	Electric Vehicle Charging Station With an Energy Storage Stage for Split-DC Bus Voltage Balancing
91	2017	Bidirectional Single-Stage Grid-Connected Inverter for a Battery Energy Storage System
92	2017	Novel Isolated Power Conditioning Unit for Micro Wind Turbine Application
93	2017	Bipolar Operation Investigation of Current Source Converter-Based Wind Energy Conversion Systems
94	2017	Replacing the Grid Interface Transformer in Wind Energy Conversion System With Solid-State Transformer
95	2017	A Medium-Frequency Transformer-Based Wind Energy Conversion System Used for Current-Source Converter-Based Offshore Wind Farm
96	2017	A Novel Single-Stage Single-Phase Reconfigurable Inverter Topology for a Solar Powered Hybrid AC/DC Home
97	2017	A Single-Phase Transformer less Inverter With Charge Pump Circuit Concept for Grid-Tied PV Applications

98	2017	Design of Cuk-Derived Transformer less Common- Grounded PV Micro inverter in CCM
99	2017	Delta Power Control Strategy for Multistring Grid-connected PV Inverters
100	2017	Modulation Technique for Single-Phase Transformer less Photovoltaic Inverters with Reactive Power Capability
101	2017	An Improved Zero-Current-Switching Single-Phase Transformer less PV H6 Inverter with Switching Loss-Free
102	2017	A Multilevel Transformer less Inverter employing Ground Connection between PV Negative Terminal and Grid Neutral Point
103	2017	Modified Single-Phase Single-Stage Grid-tied Flying Inductor Inverter with MPPT and Suppressed Leakage Current
104	2017	A Highly Efficient and Reliable Inverter Configuration Based Cascaded Multilevel Inverter for PV Systems
105	2017	Single-Stage Three-Phase Current-Source Photovoltaic Grid- Connected Inverter High Voltage Transmission Ratio
106	2017	A New Six-Switch Five-Level Active Neutral Point Clamped Inverter for PV Applications
107	2017	Nonlinear PWM-Controlled Single-Phase Boost Mode Grid- Connected Photovoltaic Inverter With Limited Storage Inductance Current
108	2016	Simultaneous Microgrid Voltage and Current Harmonics Compensation Using Coordinated Control of Dual-Interfacing Interfacing -Converters
109	2016	New Transformerless Buck-Boost Converter With Positive Output Voltage
110	2016	Interleaved SEPIC Power Factor Pre-Regulator Using Coupled Inductors in Discontinuous Conduction Mode with Wide Output Voltage
111	2016	High-Gain Single-Stage Boosting Inverter for Photovoltaic Applications
112	2016	Efficient Implicit Model-Predictive Control of a Three-Phase Inverter With an Output LC Filter
113	2016	Power-Electronics-Based Energy Management System With Storage
114	2016	Dual Flying Capacitor Active-Neutral-Point-Clamped Multilevel Converter
115	2016	An Expandable Four-Phase Interleaved High Step-Down Converter with Low Switch Voltage Stress and Automatic Uniform Current Sharing
116	2016	A Family of Isolated Buck-Boost Converters Based on Semiactive Rectifiers for High-Output Voltage Applications
117	2016	A Capacitor Voltage-Balancing Method for Nested Neutral Point Clamped (NNPC) Inverter
118	2016	Experimental Investigation on a Hybrid Series Active Power Compensator to Improve Power Quality of Typical Households
119	2016	Control of Ripple Eliminators to Improve the Power Quality of DC Systems and Reduce the Usage of Electrolytic Capacitors
120	2016	Novel Family of Single-Phase Modified Impedance-Source Buck-Boost Multilevel Inverters with Reduced Switch Count
121	2016	Bridgeless SEPIC PFC Converter for Low Total Harmonic Distortion and High Power Factor
122	2016	Dual Buck Inverter with Series Connected Diodes and Single Inductor
123	2016	A Hybrid-STATCOM with Wide Compensation Range and Low DC-Link Voltage

124	2016	Efficient Transformerless MOSFET Inverter for a Grid-Tied Photovoltaic System
125	2015	A Three-phase Multilevel Hybrid Switched-Capacitor PWM PFC Rectifier for High Voltage Gain Applications
126	2015	A Power Quality Improved Bridgeless Converter Based Computer Power Supply
127	2015	Novel Isolated Multi-level DC-DC Power Converter
128	2015	Modulation and Control of Transformer-less UPFC
129	2015	A Novel Control Method for Transformerless H-Bridge Cascaded STATCOM With Star Configuration