

S NO	IEEE	TITLE
1	2018	Research on the Unbalanced Compensation of Delta-connected Cascaded H-bridge Multilevel SVG
2	2018	Single Stage PV Array Fed Speed Sensorless Vector Control of Induction Motor Drive for Water Pumping
3	2018	Reduced carrier PWM scheme with unified logical expressions for reduced switch count multilevel inverters
4	2018	Control of a Three-Phase Hybrid Converter for a PV Charging Station
5	2018	An f-P/Q Droop Control in Cascaded-Type Microgrid
6	2018	Autonomous Power Management for Interlinked AC-DC Microgrids
7	2018	Single-Stage Switched-Capacitor Module (S3CM) Topology for Cascaded Multilevel Inverter
8	2018	Dual-function PV-ECS integrated to 3P4W distribution grid using 3M-PLL control for active power transfer and power quality improvement
9	2018	Reconfiguration of NPC Multilevel Inverters to Mitigate Short Circuit Faults Using Back-to-Back Switches
10	2018	A New Design Method of an LCL Filter Applied in Active DC-Traction Substations
11	2018	. UDE-Based Current Control Strategy for LCCL-Type Grid-Tied Inverters
12	2018	Simple Active and Reactive Power Control for Applications of Single-Phase Electric Springs
13	2018	Rectifier Load Analysis for Electric Vehicle Wireless Charging System
14	2018	A Common-Ground Single-Phase Five-Level Transformerless Boost Inverter for Photovoltaic Applications
15	2018	A Bidirectional High-Efficiency Transformerless Converter with Common-Mode Decoupling for the Interconnection of AC and DC Grids
16	2018	A Very Simple Strategy for High Quality Performance of AC Machines Using Model Predictive Control
17	2018	On-line and Off-line Fault Detection Techniques for Inverter Based Islanded Microgrid
18	2018	Design and Analysis of Full Bridge LLC Resonant Converter for Wireless Power Transfer Applications
19	2018	Discrete-time Framework for Digital Control Design in a High-frequency Dual Active Bridge Converter
20	2018	Improved Analysis, Design and Control for Interleaved Dual- Phase ZVS GaN-Based Totem-Pole PFC Rectifier with Coupled Inductor
21	2018	Direct Power Control of AFE Rectifier by Line Voltage Sensorless Predictive Technique and MRAS Inductance Estimator.
22	2018	Stability Improvement of Microgrids Using a Novel Reduced UPFC Structure via Nonlinear Optimal Control.
23	2018	Evaluation and Improvement of Active Stabilization Method for Matrix Converter Under Input Voltage Disturbances.
24	2018	A Novel Switched-capacitor Multilevel Inverter Offering Modularity in Design

25	2018	A Novel Control System for Solar Tile Micro-Inverters
26	2018	Design of a Fuzzy PI Controller for Peak-to-Average Reduction in Output Current of LED Drivers.
27	2018	A high-frequency inverter architecture for providing variable compensation in wireless power transfer systems
28	2018	A new power flow control approach for power converters in single-phase microgrids
29	2018	Generalized SVPWM-based capacitor voltage balancing for modular multilevel converters
30	2018	Voltage unbalance compensation by a grid connected inverter using virtual impedance and admittance control loops
31	2018	Capacitor-less D-STATCOM for reactive power compensation
32	2018	A Single-Stage Capacitive AC-Link AC-AC Power Converter
33	2018	A 5-level high efficiency low cost Hybrid Neutral Point Clamped transformerless inverter for grid connected photovoltaic application
34	2018	GaN based transformer-less microinverter with coupled inductor interleaved boost and half bridge voltage swing inverter
35	2018	A digital detecting method for synchronous rectification based on dual-verification for LLC resonant converter
36	2018	Modified Dual Output Cuk Converter-Fed Switched Reluctance Motor Drive With Power Factor Correction
37	2018	Unified Selective Harmonic Elimination for Cascaded H-Bridge Asymmetric Multilevel Inverter
38	2018	Efficiency improvement of three port high frequency transformer isolated triple active bridge converter
39	2018	A sliding mode duty-ratio control with current balancing algorithm for interleaved buck converters
40	2018	Sensorless current estimation and sharing in multiphase input-parallel output-parallel DC-DC converters
41	2018	A SiC-based isolated DC/DC converter for high density data center applications
42	2018	Standalone Photovoltaic Water Pumping System Using Induction Motor Drive With Reduced Sensors
43	2018	An improved hierarchy and autonomous control for DC microgrid based on both model predictive and distributed droop control
44	2017	Harmonics Suppression for Critical Loads Using Electric Springs With Current-Source Inverters
45	2017	Replacing the Grid Interface Transformer in Wind Energy Conversion System With Solid- State Transformer
46	2017	Transient Control of the Reactive Current for the Line-Side Converter of the Brushless Doubly-Fed Induction Generator in Stand-Alone Operation
47	2017	Ripple Current Reduction for Fuel-Cell-Powered Single-Phase Uninterruptible Power Supplies
48	2017	Photovoltaic Module-Integrated Stand-alone Single-Stage Switched Capacitor Inverter with Maximum Power Point Tracking
49	2017	Modified VSS-LMS-based adaptive control for improving the performance of a single-stage PV-integrated grid system
50	2017	Improvement of Power Quality Using a Robust Hybrid Series Active Power Filter

51	2017	Evaluation of DVR Capability Enhancement-Zero Active Power Tracking Technique
52	2017	CSI7: A Modified Three-Phase Current-Source Inverter for Modular Photovoltaic Applications
53	2017	An Induction Generator-Based AC/DC Hybrid Electric Power Generation System for More Electric Aircraft
54	2017	Single-Phase to Three-Phase Unified Power Quality Conditioner Applied in Single Wire Earth Return Electric Power Distribution Grids
55	2017	A Single-Phase Grid-Connected Photovoltaic Inverter Based on a Three-Switch Three-Port Flyback With Series Power Decoupling Circuit
56	2017	Hybrid Energy Storage System MicroGrids Integration For Power Quality Improvement Using Four Leg Three Level NPC Inverter and Second Order Sliding Mode Control
57	2017	A Robust Backstepping High-Order Sliding Mode Control Strategy for Grid-Connected DG Units With Harmonic/Interharmonic Current Compensation Capability
58	2017	A Voltage Regulator for Power Quality Improvement in Low-Voltage Distribution Grids
59	2017	power quality enhancement of a grid connected wind turbine energy system
60	2017	Series Compensator Based on Cascaded Transformers Coupled with Three-Phase Bridge Converters
61	2017	Time-Varying and Constant Switching Frequency Based Sliding Mode Control Methods for Transformerless DVR Employing Half-Bridge VSI
62	2017	a super conducting magnetic energy storage emulator/battery supported dynamic voltage restorer
63	2017	on the application of single phase voltage sag compensators in the three phase systems
64	2017	A New Single-Phase Switched-Coupled-Inductor DC-AC Inverter for Photovoltaic Systems
65	2017	A Comprehensive Design Approach of Power Electronic-Based Distributed Generation Units Focused on Power Quality Improvement
66	2017	simultaneous microgrid voltage and current harmonics compensation using coordinated control of dual interfacing converters
67	2017	A Low Capacitance Cascaded H-Bridge Multi-Level StatCom
68	2017	A Low Capacitance Cascaded H-Bridge Multi-Level StatCom
69	2017	A Highly Efficient and Reliable Inverter Configuration Based Cascaded Multilevel Inverter for PV Systems
70	2017	Unbalanced Control Strategy for a Thyristor Controlled LC-Coupling Hybrid Active Power Filter (TCLC-HAPF) in Three-phase Three-wire Systems
71	2017	High-Efficiency Bridgeless Three-Level Power Factor Correction Rectifier
72	2017	Improved pulse-width modulation scheme for T-type multilevel inverter
73	2017	IoT Based Smart Healthcare Kit
74	2017	Single-Stage Three-Phase Current-Source Photovoltaic Grid-Connected Inverter High Voltage Transmission Ratio
75	2017	Proportional-resonant control applied on voltage regulation of standalone SEIG for micro-hydro power generation
76	2017	Power Quality Enhancement of Smart Households Using a Multilevel-THSeAF With a PR Controller
77	2017	Photovoltaic Module-Integrated Stand-alone Single-Stage Switched Capacitor Inverter with Maximum Power Point Tracking

78	2017	Neutral Point Clamped MOSFET Inverter With Full-Bridge Configuration for Nonisolated Grid-Tied Photovoltaic System
79	2017	A Single-Phase Grid-Connected Photovoltaic Inverter Based on a Three-Switch Three-Port Flyback With Series Power Decoupling Circuit
80	2017	A New Single-Phase Switched-Coupled-Inductor DC-AC Inverter for Photovoltaic Systems
81	2017	A Novel Soft-Switching Interleaved Coupled-Inductor Boost Converter with Only Single Auxiliary Circuit
82	2017	Discontinuous Current Mode Operation of Two-Phase Interleaved Boost Dc-dc Converter with Coupled-inductor
83	2017	A Novel Interleaved Non isolated Ultrahigh-Step-Up DC-DC Converter With ZVS Performance
84	2017	Zero-Voltage-Transition Interleaved Boost Converter With an Auxiliary Coupled Inductor
85	2017	Interleaved LLC Resonant Converter With Hybrid Rectifier and Variable-Frequency Plus Phase-Shift control for Wide Output Voltage Range Applications
86	2017	Hybrid Z-Source Boost DC-DC Converters
87	2017	Quasi-Z-Source Network-Based Hybrid Power Supply System for Aluminium Electrolysis Industry
88	2017	Wide Input-Voltage Range Boost Three-Level DC-DC Converter With Quasi-Z Source for Fuel Cell Vehicles
89	2017	Load and Source Battery Simulator Based on Z-Source Rectifier
90	2017	High-Performance Quasi-Z-Source Series Resonant DC-DC Converter for Photovoltaic Module-Level Power Electronics Applications
91	2017	Dual-Bridge LLC Resonant Converter With Fixed-Frequency PWM Control for Wide Input Applications
92	2017	Design and Steady-State Analysis of Parallel Resonant DC-DC Converter for High-Voltage Power Generator
93	2017	A Quasi-Resonant Current-Fed Converter With Minimum Switching Losses
94	2017	A New Dual-Bridge Series Resonant DC-DC Converter with Dual-Tank
95	2017	Analysis and Design of SQR-Based High-Voltage LLC Resonant DC-DC Converter
96	2017	Soft-Switching Dual-Fly back DC-DC Converter With Improved Efficiency and Reduced Output Ripple Current
97	2017	High-Efficiency Soft-Switching AC-DC Converter With Single-Power-Conversion Method
98	2017	A New ZVT Snubber Cell for PWM-PFC Boost Converter
99	2017	A Hybrid ZVZCS Dual-Transformer-Based Full-Bridge Converter Operating in DCM for MVDC Grids
100	2017	A T-Type Isolated Zero Voltage Switching DC-DC Converter With Capacitive Output
101	2017	A Boost PFC Stage Utilized as Half-Bridge Converter for High-Efficiency DC-DC Stage in Power Supply Unit
102	2017	A Family of Single-Phase Hybrid Step-Down PFC Converters
103	2017	A Family of Single-Phase Voltage-Doubler High-Power-Factor SEPIC Rectifiers Operating in DCM

104	2017	Flexible Mode Bridgeless Boost PFC Rectifier With High Efficiency Over a Wide Range of Input Voltage
105	2017	A Single-Switch ACâ€“DC LED Driver Based on a Boost- Flyback PFC Converter With Lossless Snubber
106	2017	Flyback-Based Three-Port Topologies for Electrolytic Capacitor-Less LED Drivers
107	2017	Analysis and Design of a Single-Stage Isolated ACâ€“DC LED Driver With a Voltage Doubler Rectifier
108	2017	Single-Switch Coupled-Inductor-Based Two-Channel LED Driver With a Passive Regenerative Snubber
109	2017	Single-Stage Single-Switch Four-Output Resonant LED Driver With High Power Factor and Passive Current Balancing
110	2017	An ACâ€“DC LED Driver With a Two-Parallel Inverted Buck Topology for Reducing the Light Flicker in Lighting Applications to Low-Risk Levels
111	2017	Improved Power Quality Bridgeless Converter-Based SMPS for Arc Welding
112	2017	A Dual-Buckâ€“Boost AC/DC Converter for DC Nanogrid With Three Terminal Outputs
113	2017	Analysis and Design of an Input-Series Two-Transistor Forward Converter for High-Input Voltage Multiple-Output Applications
114	2017	Design and Implementation of a High-Efficiency Multiple Output Charger Based on the Time-Division Multiple Control Technique
115	2017	A Novel Reversal Coupled Inductor High-Conversion-Ratio Bi-directional DC-DC Converter
116	2017	Interleaved Switched-Capacitor Bidirectional DC-DC Converter with Wide Voltage-Gain Range for Energy Storage Systems
117	2017	A Control Map for a Bidirectional PWM Plus Phase-Shift- Modulated Push-Pull DC-DC Converter
118	2017	Modelling and Analysis of Dual-Active-Bridge Isolated Bidirectional DC/DC Converter to Minimize RMS Current with Whole Operating Range
119	2017	A Family of True Zero Voltage Zero Current Switching Non isolated Bidirectional DCâ€“DC Converter With Wide Soft Switching Range
120	2017	High Light-Load Efficiency Power Conversion Scheme Using Integrated Bidirectional Buck Converter for Paralleled Server Power Supplies
121	2017	Cascaded High-Voltage-Gain Bidirectional Switched-Capacitor DCâ€“DC Converters for Distributed Energy Resources Applications
122	2017	A High-Efficiency Step-Up Current-Fed Pushâ€“Pull Quasi- Resonant Converter With Fewer Components for Fuel Cell Application
123	2017	A High Step-up PWM DC-DC Converter With Coupled- Inductor and Resonant Switched-Capacitor
124	2017	Ultra large Gain Step-Up Coupled-Inductor DCâ€“DC Converter With an Asymmetric Voltage Multiplier Network for a Sustainable Energy System
125	2017	Zero-Ripple Input-Current High-Step-Up Boostâ€“SEPIC DCâ€“ DC Converter With Reduced Switch-Voltage Stress
126	2017	A High-Voltage-Gain DCâ€“DC Converter Based on Modified Dickson Charge Pump Voltage Multiplier Bidirectional Single-Stage Grid-Connected Inverter

127	2017	High-Efficiency Asymmetric Forward-Flyback Converter for Wide Output Power Range
128	2017	A Novel Structure for Single-Switch Non isolated Transformer less Buck-Boost DC-DC Converter
129	2017	A New Negative Output Buck-Boost Converter with Wide Conversion Ratio
130	2017	A Cascaded Coupled Inductor-Reverse High Step-Up Converter Integrating Three-Winding Coupled Inductor and Diode-Capacitor Technique
131	2017	Analysis and Design of Impulse-Commutated Zero-Current- Switching Single-Inductor Current-Fed Three-Phase Push-Pull Converter
132	2017	Design and Analysis of a Class of Zero Fundamental Ripple Converters
133	2017	Modelling and Analysis of AC Output Power Factor for Wireless Chargers in Electric Vehicles
134	2017	Higher Order Compensation for Inductive-Power-Transfer Converters With Constant-Voltage or Constant-Current Output Combating Transformer Parameter Constraints
135	2017	A New Integration Method for an Electric Vehicle Wireless Charging System Using LCC Compensation Topology
136	2017	Bidirectional Current-Fed Half-Bridge Configuration for Inductive Wireless Power Transfer System
137	2017	Z-Source Resonant Converter With Constant Frequency and Load Regulation for EV Wireless Charger
138	2017	Commutation Torque Ripple Suppression Strategy for Brushless DC Motors With a Novel Non-inductive Boost Front End
139	2017	Quasi-Z-Source Indirect Matrix Converter Fed Induction Motor Drive for Flow Control of Dye in Paper Mill
140	2017	Commutation Torque Ripple Reduction in BLDC Motor Using Modified SEPIC converter and three-level NPC inverter
141	2017	Design and Demonstration of High Power Density Inverter for Aircraft Applications
142	2017	A Novel Method of Reducing Commutation Torque Ripple for Brushless DC Motor Based on Cuk Converter
143	2017	High-Voltage Gain Half-Bridge Z-Source Inverter With Low-Voltage Stress on Capacitors
144	2017	Enhanced-Boost Quasi-Z-Source Inverters with Two Switched Impedance Network
145	2017	A New Class of Single-Phase High-Frequency Isolated Z-Source AC-AC Converters with Reduced Passive Components
146	2017	Steady-State Analysis and Design Considerations of High Voltage Gain Switched Z-Source Inverter With Continuous Input Current
147	2017	Quasi Cascaded H-Bridge Five-Level Boost Inverter
148	2017	A Novel Nine-Level Inverter Employing One Voltage Source and Reduced Components as High-Frequency AC Power Source
149	2017	Maximum Boost Control of Diode-Assisted Buck-Boost Voltage-Source Inverter With Minimum Switching Frequency
150	2017	Modelling and Optimization of a Zero-Voltage Switching Inverter for High Efficiency and Miniaturization
151	2017	Interleaved Resonant Boost Inverter Featuring SiC Module for High Performance Induction Heating

152	2017	A Four-Switch Single-Stage Single-Phase Buck-Boost Inverter
153	2017	A Highly Reliable and High-Efficiency Quasi Single-Stage Buck-Boost Inverter
154	2017	Dual-DC-Port Asymmetrical Multilevel Inverters With Reduced Conversion Stages and Enhanced Conversion Efficiency
155	2017	Design and Implementation of an Amorphous High-Frequency Transformer Coupling Multiple Converters in a Smart Micro grid
156	2017	Analysis, Design, Modelling, and Control of an Interleaved-Boost Full-Bridge Three-Port Converter for Hybrid Renewable Energy Systems
157	2017	Secondary-Side-Regulated Soft-Switching Full-Bridge Three-Port Converter Based on Bridgeless Boost Rectifier and Bidirectional Converter for Multiple Energy Interface
158	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
159	2017	Control of a Hybrid AC/DC Microgrid Involving Energy Storage and Pulsed Load
160	2017	A Decentralized Dynamic Power Sharing Strategy for Hybrid Energy Storage System in Autonomous DC Microgrid
161	2017	Electric Vehicle Charging Station With an Energy Storage Stage for Split-DC Bus Voltage Balancing
162	2017	Bidirectional Single-Stage Grid-Connected Inverter for a Battery Energy Storage System
163	2017	Novel Isolated Power Conditioning Unit for Micro Wind Turbine Application
164	2017	Bipolar Operation Investigation of Current Source Converter-Based Wind Energy Conversion Systems
165	2017	Replacing the Grid Interface Transformer in Wind Energy Conversion System With Solid-State Transformer
166	2017	A Medium-Frequency Transformer-Based Wind Energy Conversion System Used for Current-Source Converter-Based Offshore Wind Farm
167	2017	A Novel Single-Stage Single-Phase Reconfigurable Inverter Topology for a Solar Powered Hybrid AC/DC Home
168	2017	A Single-Phase Transformer less Inverter With Charge Pump Circuit Concept for Grid-Tied PV Applications
169	2017	Design of Cuk-Derived Transformer less Common-Grounded PV Micro inverter in CCM
170	2017	Delta Power Control Strategy for Multistring Grid-connected PV Inverters
171	2017	Modulation Technique for Single-Phase Transformer less Photovoltaic Inverters with Reactive Power Capability
172	2017	An Improved Zero-Current-Switching Single-Phase Transformer less PV H6 Inverter with Switching Loss-Free
173	2017	A Multilevel Transformer less Inverter employing Ground Connection between PV Negative Terminal and Grid Neutral Point
174	2017	Modified Single-Phase Single-Stage Grid-tied Flying Inductor Inverter with MPPT and Suppressed Leakage Current
175	2017	A Highly Efficient and Reliable Inverter Configuration Based Cascaded Multilevel Inverter for PV Systems

176	2017	Single-Stage Three-Phase Current-Source Photovoltaic Grid- Connected Inverter High Voltage Transmission Ratio
177	2017	A New Six-Switch Five-Level Active Neutral Point Clamped Inverter for PV Applications
178	2017	Nonlinear PWM-Controlled Single-Phase Boost Mode Grid- Connected Photovoltaic Inverter With Limited Storage Inductance Current
179	2017	Single-Phase to Three-Phase Unified Power Quality Conditioner Applied in Single Wire Earth Return Electric Power Distribution Grids
180	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
181	2017	A Voltage Regulator for Power Quality Improvement in Low-Voltage Distribution Grids
182	2017	Power Quality Enhancement for a Grid Connected Wind Turbine Energy System
183	2017	Series Compensator Based on Cascaded Transformers Coupled With Three-Phase Bridge Converters
184	2017	Time-Varying and Constant Switching Frequency-Based Sliding-Mode Control Methods for Transformer less DVR Employing Half-Bridge VSI
185	2017	A Superconducting Magnetic Energy Storage Emulator/Battery Supported Dynamic Voltage Restorer
186	2017	On the Application of Single-Phase Voltage Sag Compensators in Three-Phase Systems
187	2017	A Comprehensive Design Approach of Power Electronic- Based Distributed Generation Units Focused on Power-Quality Improvement
188	2017	Simultaneous Micro grid Voltage and Current Harmonics Compensation Using Coordinated Control of Dual Interfacing Converters
189	2017	Low-Capacitance Cascaded H-Bridge Multilevel STATCOM
190	2017	Unbalanced Control Strategy for A Thyristor-Controlled LCCoupling Hybrid Active Power Filter in Three-Phase Three- Wire Systems
191	2017	GridInterfacedDFIGBasedVariableSpeedWindEnergy ConversionSystemwithPower Smoothing
192	2016	Simultaneous Microgrid Voltage and Current Harmonics Compensation Using Coordinated Control of Dual-Interfacing Interfacing -Converters
193	2016	New Transformerless Buck-Boost Converter With Positive Output Voltage
194	2016	Interleaved SEPIC Power Factor Pre-Regulator Using Coupled Inductors in Discontinuous Conduction Mode with Wide Output Voltage
195	2016	High-Gain Single-Stage Boosting Inverter for Photovoltaic Applications
196	2016	Efficient Implicit Model-Predictive Control of a Three-Phase Inverter With an Output LC Filter
197	2016	Power-Electronics-Based Energy Management System With Storage
198	2016	Dual Flying Capacitor Active-Neutral-Point-Clamped Multilevel Converter
199	2016	An Expandable Four-Phase Interleaved High Step-Down Converter with Low Switch Voltage Stress and Automatic Uniform Current Sharing
200	2016	A Family of Isolated Buck-Boost Converters Based on Semiactive Rectifiers for High-Output Voltage Applications
201	2016	A Capacitor Voltage-Balancing Method for Nested Neutral Point Clamped (NNPC) Inverter

202	2016	Experimental Investigation on a Hybrid Series Active Power Compensator to Improve Power Quality of Typical Households
203	2016	Control of Ripple Eliminators to Improve the Power Quality of DC Systems and Reduce the Usage of Electrolytic Capacitors
204	2016	Novel Family of Single-Phase Modified Impedance-Source Buck-Boost Multilevel Inverters with Reduced Switch Count
205	2016	Bridgeless SEPIC PFC Converter for Low Total Harmonic Distortion and High Power Factor
206	2016	Dual Buck Inverter with Series Connected Diodes and Single Inductor
207	2016	A Hybrid-STATCOM with Wide Compensation Range and Low DC-Link Voltage
208	2016	Efficient Transformerless MOSFET Inverter for a Grid-Tied Photovoltaic System
209	2016	Simultaneous Microgrid Voltage and Current Harmonics Compensation Using Coordinated Control of Dual-Interfacing-Converters
210	2016	Experimental Implementation of Doubly Fed Induction Generator Based Standalone Wind Energy Conversion System
211	2016	Back Propagation Algorithm Based Controller for Autonomous Wind-DG Microgrid
212	2016	Harmonics Rejection in Stand-Alone Doubly-Fed Induction Generators With Nonlinear Loads
213	2016	Modelling and robust control design of a stand-alone wind-based energy storage generation unit powering an induction motor variable-displacement pressure compensated pump
214	2016	Autonomous PV-Array Excited Wind-Driven Induction Generator for off-grid Application in India
215	2016	Performance analysis of doubly fed induction generators operating in weak power systems
216	2016	Transient Stability Enhancement of DFIG Based Variable Speed Wind Generator by Resistive Type Solid State Fault Current Limiter
217	2016	Adaptive observer-based fault estimation for a DFIG based wind turbines system
218	2016	Asymmetric Fault Ride through Capability Enhancement of DFIG Based Variable Speed Wind Generator by DC Resistive Fault Current Limiter
219	2016	Stator Voltage Sensorless DFIG With Low Voltage Ride-Through Capability Using Series and Parallel Grid Side Converters
220	2016	Battery Connected DFIG Wind System Analysis for Strong/Weak Grid Scenarios
221	2016	Fuzzy Pitch Angle Control for Grid Connected Variable-Speed Wind Turbine System
222	2016	Low-Power Energy Conversion Systems with Two-Phase PM Machine and a Rectifier with Reduced Number of Controlled Switches
223	2016	Power Quality Improved Bridgeless Converter Based Computer Power Supply
224	2016	Control of DFIG Wind Power Generators in Unbalanced Microgrids Based on Instantaneous Power Theory
225	2016	Autonomous PV-Array Excited Wind-Driven Induction Generator for off-grid Application in India
226	2016	Single Phase Cascaded H5 Inverter with Leakage Current Elimination for Transformerless Photovoltaic System
227	2016	Fuzzy Logic Control of Buck Converter for Photo Voltaic Emulator
228	2016	BLDC Motor Driven Solar PV Array Fed Water Pumping System Employing Zeta Converter
229	2016	Grid-Connected PV-Wind-Battery based Multi-Input Transformer Coupled Bidirectional DC-DC Converter for household Applications

230	2016	Control and Implementation of a Standalone Solar Photo-Voltaic Hybrid System
231	2016	Efficient Single Phase Transformerless Inverter for Grid-Tied PV System With Reactive Power Control
232	2016	Synchronous Power Controller with Flexible Droop Characteristics for Renewable Power Generation Systems
233	2016	Mitigation Control Against Partial Shading Effects in Large-Scale PV Power Plants
234	2016	A New Hybrid Boosting Converter for Renewable Energy Applications
235	2016	Solar PV-Powered SRM Drive for EV with Flexible Energy Control Functions
236	2016	Dual Buck Inverter with Series Connected Diodes and Single Inductor
237	2016	Resonant Versus Conventional Controllers in Grid-Connected Photovoltaic Power Plants Under Unbalanced Grid Voltages
238	2016	A Three-Phase Grid Tied SPV System With Adaptive DC Link Voltage for CPI Voltage Variations
239	2016	Experimental Investigation on a Hybrid Series Active Power Compensator to Improve Power Quality of Typical Households
240	2016	Design of External Inductor for Improving Performance of Voltage Controlled DSTATCOM
241	2015	A Three-phase Multilevel Hybrid Switched-Capacitor PWM PFC Rectifier for High Voltage Gain Applications
242	2015	A Power Quality Improved Bridgeless Converter Based Computer Power Supply
243	2015	Novel Isolated Multi-level DC-DC Power Converter
244	2015	Modulation and Control of Transformer-less UPFC
245	2015	A Novel Control Method for Transformerless H-Bridge Cascaded STATCOM With Star Configuration
246	2015	An Enhanced Power Sharing Scheme for Voltage Unbalance and Harmonics Compensation in an Islanded AC Microgrid