

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	Single-Phase to Three-Phase Unified Power Quality Conditioner Applied in Single Wire Earth Return Electric Power Distribution Grids
72	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
73	2017	A Voltage Regulator for Power Quality Improvement in Low-Voltage Distribution Grids
74	2017	Power Quality Enhancement for a Grid Connected Wind Turbine Energy System
75	2017	Series Compensator Based on Cascaded Transformers Coupled With Three-Phase Bridge Converters
76	2017	Time-Varying and Constant Switching Frequency-Based Sliding-Mode Control Methods for Transformer less DVR Employing Half-Bridge VSI

77	2017	A Superconducting Magnetic Energy Storage Emulator/Battery Supported Dynamic Voltage Restorer
78	2017	On the Application of Single-Phase Voltage Sag Compensators in Three-Phase Systems
79	2017	A Comprehensive Design Approach of Power Electronic- Based Distributed Generation Units Focused on Power-Quality Improvement
80	2017	Simultaneous Micro grid Voltage and Current Harmonics Compensation Using Coordinated Control of Dual Interfacing Converters
81	2017	Low-Capacitance Cascaded H-Bridge Multilevel STATCOM
82	2017	Unbalanced Control Strategy for A Thyristor-Controlled LCCoupling Hybrid Active Power Filter in Three-Phase Three- Wire Systems
83	2017	GridInterfacedDFIGBasedVariableSpeedWindEnergy ConversionSystemwithPower Smoothing
84	2016	SimultaneousMicrogridVoltageandCurrentHarmonics CompensationUsingCoordinatedControlofDual-Interfacing-Converters
85	2016	ExperimentalImplementationofDoublyFedInductionGeneratorBasedStandaloneWindEnergyConversionSystem
86	2016	BackPropagationAlgorithmBasedControllerfor AutonomousWind-DGMicrogrid
87	2016	HarmonicsRejectioninStand-AloneDoubly-Fed InductionGeneratorsWithNonlinearLoads
88	2016	Modellingandrobustcontroldesignofastandalonewind-basedenergyStoragegenerationunitpoweringani nductionmotorvariable-displacementpressurecompensatedpump
89	2016	AutonomousPV-ArrayExcitedWind-DrivenInduction GeneratorforoffgridApplicationinIndia
90	2016	Performanceanalysisofdoublyfedinductiongeneratorsoperatinginweakpowersystems
91	2016	TransientStabilityEnhancementofDFIGBasedVariableSpeedWindGeneratorbyResistiveTypeSolidStateFaultCurrentLimiter
92	2016	Adaptiveobserver-basedfaultestimationforaDFIG basedwindturbinesystem
93	2016	AsymmetricFaultRidethroughCapabilityEnhancementofDFIGBasedVariableSpeedWindGeneratorby DC ResistiveFaultCurrentLimiter
94	2016	StatorVoltageSensorlessDFIGWithLowVoltageRide-ThroughCapabilityUsingSeriesandParallelGridSideConverters
95	2016	BatteryConnectedDFIGWindSystemAnalysisfor Strong/WeakGridScenarios
96	2016	FuzzyPitchAngleControlforGridConnectedVariable-SpeedWindTurbineSystem
97	2016	Low-PowerEnergyConversionSystemswithTwo-Phase PMMachineandaRectifierwithReducedNumberof ControlledSwitches
98	2016	PowerQualityImprovedBridgelessConverterBased ComputerPowerSupply
99	2016	ControlofDFIGWindPowerGeneratorsinUnbalanced MicrogridsBasedonInstantaneousPowerTheory
100	2016	AutonomousPV-ArrayExcitedWind-DrivenInduction GeneratorforoffgridApplicationinIndia
101	2016	SinglePhaseCascadedH5InverterwithLeakageCurrent EliminationforTransformerlessPhotovoltaicSystem
102	2016	FuzzyLogicControlofBuckConverterforPhotoVoltaic Emulator
103	2016	BLDCMotorDrivenSolarPVArrayFedWaterPumping SystemEmployingZetaConverter

104	2016	Grid-ConnectedPV-Wind-BatterybasedMulti-Input TransformerCoupledBidirectionalDC-DCConverterforhouseholdApplications
105	2016	ControlandImplementationofaStandaloneSolar Photo-VoltaicHybridSystem
106	2016	EfficientSinglePhaseTransformerlessInverterforGrid-TiedPVGSystemWithReactivePowerControl
107	2016	SynchronousPowerControllerwithFlexibleDroopCharacteristicsforRenewablePowerGenerationSystems
108	2016	Mitigation Control Against Partial Shading Effects in Large-Scale PV Power Plants
109	2016	ANewHybridBoostingConverterforRenewableEnergy Applications
110	2016	SolarPV-PoweredSRMDriveforEVswithFlexible EnergyControlFunctions
111	2016	DualBuckInverterwithSeriesConnectedDiodesand SingleInductor
112	2016	ResonantVersusConventionalControllersinGrid-ConnectedPhotovoltaicPowerPlantsUnderUnbalancedGridVoltages
113	2016	A Three-Phase Grid Tied SPV System With Adaptive DC Link Voltage for CPI Voltage Variations
114	2016	ExperimentalInvestigationonaHybridSeriesActive PowerCompensatorstoImprovePowerQualityof TypicalHouseholds
115	2016	DesignofExternalInductorforImprovingPerformanceofVoltageControlledDSTATCOM
116	2015	AnEnhancedPowerSharingSchemeForVoltage UnbalanceandHarmonicsCompensationinanIslanded ACMicrogrid