LeMeniz Technologies Private Limited

No.44, 100 feet road, Natesan Nagar
Pondicherry

Contact: +91 9962588976/9566475911

Websites: https://www.lemenizinfotech.com/ / https://ieeemaster.com/

Mail to: info@lemenizinfotech.com / projects@lemenizinfotech.com

S.No	IEEE 2021-2022 .Power System Project Titles	DOMAIN	Pulication	Year
S3001	Observer-Based Fault Tolerant Control for a Class of Nonlinear Systems via Filter and Neural Network	POWER SYSTEMS	IEEE	2021
S3002	Switching Transition Control to Improve Efficiency of a DC/DC Power Electronic System	POWER SYSTEMS	IEEE	2021
S3003	Analytical Approach for Fast Frequency Response Control of VSC HVDC	POWER SYSTEMS	IEEE	2021
S3004	Technical and Financial Impacts on Distribution Systems of Integrating Batteries Controlled by Uncoordinated Strategies	POWER SYSTEMS	IEEE	2021
S3005	Distributed Moving Horizon Estimation via Operator Splitting for Automated Robust Power System State Estimation	POWER SYSTEMS	IEEE	2021
S3006	Parameter-Adaptation-Based Virtual DC Motor Control Method for Energy Storage Converter	POWER SYSTEMS	IEEE	2021
S3007	Fast-Slow-Scale Interaction Induced Parallel Resonance and its Suppression in Voltage Source Converters	POWER SYSTEMS	IEEE	2021

LeMeniz Technologies Private Limited

No.44, 100 feet road, Natesan Nagar
Pondicherry

Contact: +91 9962588976/9566475911

Websites: https://www.lemenizinfotech.com/ / https://ieeemaster.com/

Mail to: info@lemenizinfotech.com / projects@lemenizinfotech.com

LeMeniz Technologies Private Limited
Adding Technologies to Business
Software Development & Research Centre

S3008	**Time-Varying Boundary Layer Based Iterative Learning Control for Nonlinearly Parametric Time- Delay Systems With Arbitrary Initial Errors and Iteration-Varying Reference Trajectories**	**POWER SYSTEMS**	**IEEE**	**2021**
S3009	**Effect of Various Incremental Conductance MPPT Methods on the Charging of Battery Load Feed by Solar Panel**	**POWER SYSTEMS**	**IEEE**	**2021**
S30010	**LMSRE-Based Adaptive PI Controller for Enhancing the Performance of an Autonomous Operation of Microgrids**	**POWER SYSTEMS**	**IEEE**	**2021**

LeMeniz Technologies Private Limited

No.44, 100 feet road, Kalaignar Nagar
Pondicherry.

LeMeniz Technologies Private Limited
Adding Technologies to Business
Software Development & Research Centre

Contact: +91 9962588976/9566475911

Websites: https://www.lemenizinfotech.com/ / https://ieeemaster.com/

Mail to: info@lemenizinfotech.com / projects@lemenizinfotech.com

S30011	An Improved Bipolar Voltage Boost AC Voltage Controller With Reduced Switching Transistors	POWER SYSTEMS	IEEE	2021
S30012	Short-Term Scheduling of a Renewable-Based Microgrid: Stochastic/Economic Battery Modeling	POWER SYSTEMS	IEEE	2021
S30013	3GPP NR V2X Mode 2: Overview, Models and System-Level Evaluation	POWER SYSTEMS	IEEE	2021
S30014	Masked SABL: A Long Lasting Side-Channel Protection Design Methodology	POWER SYSTEMS	IEEE	2021
S30015	Study on Battery Charging Strategy of Electric Vehicles Considering Battery Capacity	POWER SYSTEMS	IEEE	2021
S30016	An Improved Three-Stages Cascading Passivity-Based Control of Grid-Connected LCL Converter in Unbalanced Weak Grid Condition	POWER SYSTEMS	IEEE	2021
S30017	An Average Consensus Algorithm for Seamless Synchronization of Andronov-Hopf Oscillator Based Multi-Bus Microgrids	POWER SYSTEMS	IEEE	2021
S30018	Extended Geometric Feature Extraction Process for Detecting Multiple Frequency Oscillations in KEPCO System	POWER SYSTEMS	IEEE	2021
S30019	Extended Geometric Feature Extraction Process for Detecting Multiple Frequency Oscillations in KEPCO System	POWER SYSTEMS	IEEE	2021
S30020	Fuzzy Logic Control for Solar PV Fed Modular Multilevel Inverter Towards Marine Water Pumping Applications	POWER SYSTEMS	IEEE	2021
S30021	A Comprehensive Review of Microgrid Control Mechanism and Impact Assessment for Hybrid Renewable Energy Integration	POWER SYSTEMS	IEEE	2021
S30022	Exploiting the Inherent Flexibility in Transmission Network for Optimal Scheduling, Wind Power	POWER SYSTEMS	IEEE	2021

LeMeniz Technologies Private Limited

No.44, 100 feet road, Ganesan Nagar
Pondicherry.

Contact: +91 9962588976/9566475911

Mail to: info@lemenizinfotech.com / projects@lemenizinfotech.com

	Utilization and Network Congestion Management	Websites: http://www.lemenizinfotech.com/ / https://ieeemaster.com/		
S30023	**Review of Methods to Accelerate Electromagnetic Transient Simulation of Power Systems**	**POWER SYSTEMS**	**IEEE**	**2021**

LeMeniz Technologies Private Limited

No.44, 100 feet road, Kesan Nagar
Pondicherry.

Contact: +91 9962588976/9566475911

Websites: https://www.lemenizinfotech.com/ / https://ieeemaster.com/

Mail to: info@lemenizinfotech.com / projects@lemenizinfotech.com

S30024	A Double-Square-Based Electrode Sequence Ranking Method for Odor Concentration Identification Using EEG Signals	POWER SYSTEMS	IEEE	2021
S30025	Design and Application of a Self-Powered Dual- Stage Circuit for Piezoelectric Energy Harvesting Systems	POWER SYSTEMS	IEEE	2021
S30026	A 2.5MW Wind Turbine TL-EMPC Yaw Strategy Based on Ideal Wind Measurement By LiDAR	POWER SYSTEMS	IEEE	2021
S30027	An Active Voltage Stabilizer for a DC Microgrid System	POWER SYSTEMS	IEEE	2021
S30028	Parallel and Nonparallel Distributed Compensation Controller Design for T-S Fuzzy Discrete Singular Systems With Distinct Difference Item Matrices	POWER SYSTEMS	IEEE	2021x
S30029	A Transformer-Less Voltage Equalizer for Energy Storage Cells Based on Double-Tiered Multi-Stacked Converters	POWER SYSTEMS	IEEE	2021
S30030	Asynchronous Gate Signal Driving Method for Reducing Current Imbalance of Paralleled IGBT Modules Caused by Driving Circuit Parameter Difference	POWER SYSTEMS	IEEE	2021
S30031	Asynchronous Gate Signal Driving Method for Reducing Current Imbalance of Paralleled IGBT Modules Caused by Driving Circuit Parameter Difference	POWER SYSTEMS	IEEE	2021
S30032	Improved Dynamic Response of DC Microgrid Under Transient Condition Using Inertia by Virtual Generation	POWER SYSTEMS	IEEE	2021

LeMeniz Technologies Private Limited

No.44, 100 feet road, Thillai Nagar
Pondicherry.

Contact: +91 9962588976/9566475911

Websites: https://www.lemenizinfotech.com/ / https://ieeemaster.com/

Mail to: info@lemenizinfotech.com / projects@lemenizinfotech.com

S30033	An Experimental Investigation on Output Power Enhancement With Offline Reconfiguration for Non- Uniform Aging Photovoltaic Array to Maximise Economic Benefit	POWER SYSTEMS	IEEE	2021
S30034	Filters Optimized Tuning for Wind Farms Reactive	POWER SYSTEMS	IEEE	2021

LeMeniz Technologies Private Limited

No.44, 100 feet road, Kesan Nagar
Pondicherry.

Contact: +91 9962588976/9566475911

Websites: https://www.lemenizinfotech.com/ / https://ieeemaster.com/

Mail to: info@lemenizinfotech.com / projects@lemenizinfotech.com

	Power Calculation			
S30035	**Assessing the Impact of Sensor-Based Task Scheduling on Battery Lifetime in IoT Devices**	**POWER SYSTEMS**	**IEEE**	**2021**
S30036	**AC Breakdown Strength and Its By-Products of Eco- Friendly Perfluoroisobutyronitrile/O2/N2 Gas Mixture at High Pressure for HV Equipment**	**POWER SYSTEMS**	**IEEE**	**2021**
S30037	**Machine Learning Based Intentional Islanding Algorithm for DERs in Disaster Management**	**POWER SYSTEMS**	**IEEE**	**2021**
S30038	**A Sub-Synchronous Oscillation Suppression Strategy for Doubly Fed Wind Power Generation System**	**POWER SYSTEMS**	**IEEE**	**2021**
S30039	**Optimal Power Flow Problem Solution Through a Matheuristic Approach**	**POWER SYSTEMS**	**IEEE**	**2021**
S30040	**Resilience Microgrid as Power System Integrity Protection Scheme Element With Reinforcement Learning Based Management**	**POWER SYSTEMS**	**IEEE**	**2021**
S30041	**A Simple Space Vector Modulation Method With DC-Link Voltage Balancing and Reduced Common- Mode Voltage Strategy for a Three-Level T-Type Quasi-Z Source Inverter**	**POWER SYSTEMS**	**IEEE**	**2021**