

### **1. IEEE Transactions on Industrial Electronics**

ID 26: Model-Free Simplified Predictive Current Control of PMSM Drive with Ultra-Local Model-Based EKF

ID 39: Modulated Model Predictive Control of Permanent Magnet Synchronous Motors with Improved Steady-State Performance

ID 67: Experimental Comparison of GaN-Fet Based Motor Drives for High Switching Frequencies

ID 79: Primary-Switched-Inductance Single-Ended Converter for E-Vehicles Applications

### **2. IEEE Transactions on Industry Applications**

ID 56: Magnetic Resonance Coupled Wireless Power Transfer Analysis for Electric Vehicle

ID 63: Digital Average Current Mode Controller Design for a DCM Output Inductor-less Phase-Shifted Full-Bridge DC/DC Converter

ID 74: Simulation and Design of a Sensorless FOC Driver of PMSM used in Compressors

ID 82: UV discharge lamp electronic ballast based on ISOS resonant converter with integrated transformer

### **3. IEEE Transactions on Smart Grid**

ID 21: A Low-Cost In-Line Encryption System for SCADA Applications

ID 25: A PMU-based state estimator for networks including classic HVDC links

ID 37: A proposed multi-agent based platform for monitoring and control of Active Power Distribution Systems

ID 100: High Voltage Power Line Carrier. Obsolete Technology or Inherent part of the Power Transmission Electrical Grid?,

### **4. MDPI Energies Special Issue "Selected Papers from the 3rd of Global Power, Energy and Communication Conference (GPECOM2021)"**

[https://www.mdpi.com/journal/energies/special\\_issues/GPECOM\\_2021](https://www.mdpi.com/journal/energies/special_issues/GPECOM_2021)

ID 1: Analytical Channel Modelling of Synchrophsor Communication Networks in a Smart Grid Cyber Physical System

ID 8: Optimal siting and sizing of the Distributed Generation units to reduce power loss and improve the voltage profile by using an improved Chaotic Particle Swarm Optimization

ID 9: Application of Precision Voltmeter for Assuring Traceable Measurement of Power Quality

- ID 18: A Method for DC Arc Fault Detection, Classification and Mitigation in Electric Vehicles
- ID 30: Day-Ahead Solar Power Forecasting with Pattern Analysis and State Transition
- ID 34: FEM Aided Cycles to Failure Analysis of Semiconductors for Pulsed Power Applications,
- ID 60: Maximum Power Transfer of Wireless Charging System Using a Data-Based Approach
- ID 69: Formal Verification of Single Dual Setting Overcurrent Directional Relay Based Line Protection Logic for Smart Grids
- ID 70: Enhanced islanding detection in smart interface protection systems of distributed generation
- ID 80: Open-Phase Fault Tolerant Finite Control-Set Model Predictive Torque Control of IPMSM for Reduced Torque Ripple and MTPA Operation
- ID 90: Sensorless Position and Speed Control of IPMSM with Sliding Mode Observer and Voltage Signal Injection
- ID 91: Investigation of the Effects of Multi-Layer Winding Structures in Two Pole Synchronous Reluctance Machines,