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Eđitim Bilgileri

Doktora, Orta Dođu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliđi Bölümü, Türkiye 1976 - 1982

Yaptıđı Tezler

Doktora, Modelling and Analysis of a Wind Turbine Driven Self-Excited Induction Generator, Orta Dođu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliđi Bölümü, 1982

Akademik Unvanlar / Görevler

Prof. Dr., Orta Dođu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliđi Bölümü, 1974 - Devam Ediyor

Yönetilen Tezler

ERMİŐ M., Real time calculation of shem angles by metaheuristic algorithms for variable frequency motor drives, Doktora, G.NALÇACI(Öđrenci), 2021

ERMİŐ M., All SiC traction converter for light rail transportation systems: Design methodology and development of a 500 - 900 VDC, 165 kVA prototype, Doktora, D.YILDIRIM(Öđrenci), 2021

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- I. **All-SiC Traction Converter for Light Rail Transportation Systems: Design Methodology and Development of 165 kVA Prototype**
Yıldırım D., Akşit M. H., ÇADIRCI I., ERMİŞ M.
Electronics (Switzerland), cilt.11, sa.9, 2022 (SCI-Expanded)
- II. **Full-Scale Physical Simulator of All SiC Traction Motor Drive With Onboard Supercapacitor ESS for Light-Rail Public Transportation**
Yıldırım D., Akşit M. H., Yolacan C., Pul T., Ermis C., Aghdam B. H., ÇADIRCI I., ERMİŞ M.
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- III. **All SiC PWM rectifier-based off-board ultrafast charger for heavy electric vehicles**
Yıldırım D., Ozturk S., ÇADIRCI I., ERMİŞ M.
IET POWER ELECTRONICS, cilt.13, sa.3, ss.483-494, 2020 (SCI-Expanded)
- IV. **Real-Time Detection of Interharmonics and Harmonics of AC Electric Arc Furnaces on GPU Framework**
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- V. **Operating principles and practical design aspects of all SiC DC/AC/DC converter for MPPT in grid-**

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- VII. **On-Line Application of SHEM by Particle Swarm Optimization to Grid-Connected, Three-Phase, Two-Level VSCs with Variable DC Link Voltage**
Guvengir U., ÇADIRCI I., ERMİŞ M.
ELECTRONICS, cilt.7, sa.8, 2018 (SCI-Expanded)
- VIII. **All SiC Grid-Connected PV Supply with HF Link MPPT Converter: System Design Methodology and Development of a 20 kHz, 25 kVA Prototype**
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- IX. **Square prism micropillars improve osteogenicity of poly(methyl methacrylate) surfaces**
Hasturk O., ERMİŞ M., Demirci U., Hasirci N., HASIRCI V. N.
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- X. **Suppression of the Second Harmonic Subgroup Injected by an AC EAF: Design Considerations and Performance Estimation of a Shunt APF**
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- XI. **Suppression of Time-Varying Interharmonics Produced by Medium-Frequency Induction Melting Furnaces by a HAPF System**
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- XV. **Elimination of Coupling Transformer Core Saturation in Cascaded Multilevel Converter-Based T-STATCOM Systems**
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- XVI. **Identification of Harmonic Current Contributions of Iron and Steel Plants Based on Time-Synchronized Field Measurements-Part II: Inside Plants**
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- XIX. **Multipurpose Platform for Power System Monitoring and Analysis With Sample Grid Applications**
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- XX. **Cascaded Multilevel Converter-Based Transmission STATCOM: System Design Methodology and Development of a 12 kV +/- 12 MVar Power Stage**
Gultekin B., ERMİŞ M.
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- XXI. **Assessment of extensive countrywide electrical power quality measurements through a database architecture**
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- XXIV. **A Current Source Converter-Based Active Power Filter for Mitigation of Harmonics at the Interface of Distribution and Transmission Systems**
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- XXXI. **Current source converter based STATCOM: Operating principles, design and field performance**
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