

Res. Asst. MUSTAFA AYDEMİR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAK-2808-2020

Yoksis Researcher ID: 20179

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, Turkey 2014 - Continues

Postgraduate, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2012 - 2014

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, Turkey 2004 - 2008

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Rüzgar Türbinlerinde Kullanılan DA/AA Evirici Modellemesi ve Analizi, Gebze Yüksek Teknoloji Enstitüsü, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2014

Research Areas

Electrical and Electronics Engineering, Power Electronics, Electric Motor Drivers, Power Converters, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2014 - Continues

Research Assistant, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Fakültesi, Makine Mühendisliği, 2009 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

1. **An innovative and non-intrusive Hall effect sensor-based rotor position detection system for external rotor switched reluctance motor**
AYDEMİR M.

Electrical Engineering, vol.106, no.1, pp.1009-1019, 2024 (SCI-Expanded)

II. Phase flux linkage estimation of external rotor switched reluctance motor with NARX neural network

Aydemir M., Okumus H. İ.

ELECTRICAL ENGINEERING, vol.1, no.1, pp.1-11, 2023 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Torque Ripple Minimization in Double U Core Switched Reluctance Motor

AYDEMİR M., OKUMUŞ H. İ., MOLLAHASANOĞLU M.

2018 IEEE 18th International Power Electronics and Motion Control Conference (PEMC), Budapest, Hungary, 26 - 30 August 2018

II. Investigation of the Solar Angles Change for Motion Control of Two-Axis Solar Tracking Systems

MOLLAHASANOĞLU M., OKUMUŞ H. İ., TEZDE E. İ., AYDEMİR M.

2018 IEEE 18th International Power Electronics and Motion Control Conference (PEMC), Budapest, Hungary, 26 - 30 August 2018

Supported Projects

AYDEMİR M., TUBITAK Project, Dıştan rotorlu anahtarlama relüktans motor ve sürücüsü üretimi, 2019 - Continues

Metrics

Publication: 4

Citation (Scopus): 5

H-Index (Scopus): 1

Non Academic Experience

Business Establishment Private, Avrupa Serbest Bölgesi Kurucu Ve İşleticisi A.Ş

Avrupa Serbest Bölgesi Kurucu ve İşleticisi A.Ş

Business Establishment Private, Farel Plastik A.Ş

Farel Plastik Elektrik Elektronik A.Ş