

Asst. Prof. EMRAH ÇETİN

Personal Information

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2012 - 2018

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Anadolu University, İktisadi Ve İdari Bilimler Fakültesi, İşletme Bölümü, Turkey 2007 - 2011

Undergraduate, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2005 - 2010

Dissertations

Doctorate, EKSENEL AKILI SÜREKLİ MIKNATISLI FIRÇASIZ DOĞRU AKIM MOTOR TASARIMI, MANYETİK ANALİZİ VE PROTOTİP ÜRETİMİ, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2018

Postgraduate, Rüzgâr enerjisi dâhil olan güç sistemlerinde ekonomik yük dağıtım problemi nin çözümü, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2012

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Electrical and Electronics Engineering, Energy, Power Electronics, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği, 2018 - Continues

Research Assistant, Erciyes University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2011 - 2017

Academic and Administrative Experience

Deputy Head of Department, Yozgat Bozok University, 2018 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. Influence of Rotor Tooth Shaping on Cogging Torque of Axial Flux-Switching Permanent Magnet Machine

Kim J. H., Li Y., ÇETİN E., Sarlioglu B.

IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.55, no.2, pp.1290-1298, 2019 (Journal Indexed in SCI)

II. Analyzing the Profile Effects of the Various Magnet Shapes in Axial Flux PM Motors by Means of 3D-

FEA

ÇETİN E., DALDABAN F.

ELECTRONICS, vol.7, no.2, 2018 (Journal Indexed in SCI)

III. Analyzing distinctive rotor poles of the axial flux PM motors by using 3D-FEA in view of the magnetic equivalent circuit

ÇETİN E., DALDABAN F.

ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.20, no.5, pp.1421-1429, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Reducing Torque Ripples of the Axial Flux PM Motors by Magnet Stepping and Shifting

ÇETİN E., DALDABAN F.

ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, vol.8, no.1, pp.2385-2388, 2018 (Journal Indexed in ESCI)

II. Eksenel akılı motorlarda oluk açıklıklarındaki hatanın moment üzerine etkisi

ÇETİN E., DALDABAN F.

El-Cezeri Fen ve Mühendislik Dergisi, vol.4, no.3, pp.374-381, 2017 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. Cogging Torque Minimization with Rotor Tooth Shaping in Axial Flux-Switching Permanent Magnet Machine

Kim J. H., Li Y., ÇETİN E., Sarlioglu B.

8th Annual IEEE Energy Conversion Congress and Exposition (ECCE), Wisconsin, United States Of America, 18 - 22 September 2016

Citations

Total Citations (WOS):13

h-index (WOS):2