

## **Res. Asst. Emin Tarık KARTAL**

### **Personal Information**

**Email:** etkartal@yildiz.edu.tr

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### **Education Information**

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2022  
- Continues

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey  
2020 - 2022

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey  
2014 - 2019

### **Research Areas**

Engineering and Technology

### **Academic Titles / Tasks**

Research Assistant, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,  
2022 - Continues

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Effects of air gap eccentricity on different rotor structures for PMSM in electric vehicles**

Kartal E. T., Keskin Arabul F.

Scientific Reports, vol.14, no.1, 2024 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **A Comparison between IM and IPMSM with Same Stator Core for EV and Performance Analysis of IPMSM**

Kartal E. T., Keskin Arabul F.

Avrupa Bilim ve Teknoloji Dergisi, no.38, pp.165-172, 2022 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **EFFECTS OF STATOR WINDING TYPES AND ROTOR SLOT GEOMETRIES ON MOTOR PERFORMANCE OF AN INDUCTION MOTOR FOR AN ELECTRIC VEHICLE**

Kartal E. T., Keskin Arabul F.

## **Supported Projects**

KESKİN ARABUL F., KARTAL E. T., YAŞA Y., ARABUL A. Y., BEKİROĞLU K. N., Project Supported by Higher Education Institutions, Elektrikli Araçlar için Sürekli Mıknatıs Destekli Senkron Relüktans Motor Tasarımı ve Uygulaması, 2024 - Continues

## **Metrics**

Publication: 3

## **Awards**

Kartal E. T., Elektrik Mühendisliği Bölüm İkinçiliği, Yıldız Teknik Üniversitesi, June 2019