

Res. Asst. Emin Tarık KARTAL

Personal Information

Email: etkartal@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/etkartal>

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. **PERFORMANCE COMPARISON OF WINDING TYPES AND ROTOR STRUCTURE IN SYNCHRONOUS RELUCTANCE MOTOR**

Kartal E. T., Keskin Arabul F.

Mühendislik Bilimleri ve Tasarım Dergisi, vol.12, no.4, pp.835-847, 2024 (Peer-Reviewed Journal)

- II. **EFFECTS OF ASYMMETRICAL STATOR STRUCTURE ON BLDC MOTOR PERFORMANCE FOR HOUSEHOLD APPLIANCES**

Kartal E. T., Keskin Arabul F.

Mühendislik Bilimleri ve Tasarım Dergisi, vol.12, no.4, pp.663-675, 2024 (Peer-Reviewed Journal)

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

Kartal E. T., Keskin Arabul F.

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.

9th International Congress on Engineering, Architecture and Design, İstanbul, Turkey, 14 - 16 May 2022, pp.269-276

Metrics

Publication: 8

Citation (Scopus): 1

H-Index (Scopus): 1

Awards

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