

## Res. Asst. FURKAN TOKGÖZ

### Personal Information

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### International Researcher IDs

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### Research Areas

Electronic, Electromagnetic, Energy, Power Electronics

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2020 - Continues

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

- I. **Mechanical and Thermal Design of an Optimized PCB Motor for an Integrated Motor Drive System with GaNFETs**  
TOKGÖZ F., Gulsuna O., KARAKAYA F., ÇAKAL G., KEYSAN O.  
IEEE Transactions on Energy Conversion, vol.38, no.1, pp.653-661, 2023 (SCI-Expanded)
- II. **Comparison of PCB winding topologies for axial-flux permanent magnet synchronous machines**  
TOKGÖZ F., ÇAKAL G., KEYSAN O.  
IET ELECTRIC POWER APPLICATIONS, vol.14, no.13, pp.2577-2586, 2020 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Design and implementation of an optimized printed circuit board axial-flux permanent magnet machine**  
TOKGÖZ F., ÇAKAL G., KEYSAN O.  
2020 International Conference on Electrical Machines, ICEM 2020, Virtual, Gothenburg, Sweden, 23 - 26 August 2020, pp.111-116

### Metrics

Publication: 3

Citation (WoS): 14

Citation (Scopus): 25

H-Index (WoS): 2

H-Index (Scopus): 3