

## Res. Asst. BURAK KORCUKLU

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-9820-4444

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### Education Information

Doctorate, Izmir Institute Of Technology, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2021 - Continues

Postgraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ, Turkey 2017 - 2021

Undergraduate, Ege University, Faculty Of Engineering, Bilgisayar Mühendisliği Bölümü, Turkey 2010 - 2017

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Deep Learning Based Speech Recognition System Design, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ, 2021

### Research Areas

Computer Sciences

### Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, BİLGİSAYAR MÜHENDİSLİĞİ, 2018 - Continues

### Refereed Congress / Symposium Publications in Proceedings

- I. **Fault Diagnosis With Deep Learning for Standard and Asymmetric Involute Spur Gears**  
KARPAT F., DİRİK A. E., KALAY O. C., YÜCE C., DOĞAN O., KORCUKLU B.  
ASME 2021 International Mechanical Engineering Congress and Exposition, United States Of America, 01 November 2021, vol.1314029
- II. **Convolutional neural networks based rolling bearing fault classification under variable operating conditions**  
KARPAT F., Kalay O. C., DİRİK A. E., Dogan O., KORCUKLU B., Yuce C.

2021 International Conference on INnovations in Intelligent SysTems and Applications, INISTA 2021, Kocaeli, Turkey, 25 - 27 August 2021

III. **Vibration-based early crack diagnosis with machine learning for spur gears**

KARPAT F., DİRİK A. E., Kalay O. C., Doan O., KORCUKLU B.

ASME 2020 International Mechanical Engineering Congress and Exposition, IMECE 2020, Virtual, Online, 16 - 19 November 2020, vol.7B-2020

## **Metrics**

Publication: 4

Citation (Scopus): 25

H-Index (Scopus): 4