

## Res. Asst. MELİH USTALAR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-5092-2022

Yoksis Researcher ID: 358791

### Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2024 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği, Turkey 2021 - 2024

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2015 - 2021

### Foreign Languages

English, B1 Intermediate

### Dissertations

Postgraduate, Aşırı Plastik Deformasyon ve Yaşlandırma İşlemlerinin Al 2024 Alaşımının Mikroyapı, Mekanik ve Tribolojik Özellikleri Üzerine Etkilerinin İncelenmesi, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2024

### Research Areas

Mechanical Engineering, Material science and engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2021 - Continues

### Refereed Congress / Symposium Publications in Proceedings

#### I. Strengthening Al 2024 Alloy via Equal Channel Angular Pressing and Subsequent Aging

Demirtaş M., Yanar H., Uzun M., Ustalar M., Pürçek G.

The 5th International Conference of Materials and Engineering Technology (TICMET'23), Trabzon, Turkey, 13 - 16 November 2023, pp.419

## **Supported Projects**

Pürçek G., Demirtaş M., Yanar H., TÜBİTAK International Bilateral Joint Cooperation Program Project, Optimizing the service behaviors of typical high-strength wrought Al alloys by adjusting the grain size and nano precipitates, 2022 - 2025

## **Metrics**

Publication: 1