

## Res. Asst. İBRAHİM AYDIN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABM-4601-2022

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### Education Information

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, Turkey 2017 - 2020

Undergraduate Minor, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, Turkey 2017 - 2019

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, Turkey 2012 - 2017

### Dissertations

Postgraduate, Investigating effects of heat treatment processes on microstructural and mechanical properties of additively manufactured 18Ni300 maraging steel, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 2020

### Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Mechanical Properties, Nondestructive Testing, Physical Metallurgy, Thermal Treatment, Material Characterization, Mechanical Metallurgy, Production Metallurgy, Powder Metallurgy, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 2018 - Continues

### Refereed Congress / Symposium Publications in Proceedings

- Effect of Aging Heat Treatment on Microstructure and Mechanical Properties of Additively Manufactured 18Ni300 Maraging Steel**  
Aydın İ., Kaleli Alay T., Gür C. H.

Bosphorus International Heat Treatment Symposium, İstanbul, Turkey, 11 - 13 May 2022, pp.78-84

II. **Effect of Heat Treatment on Microstructure and Mechanical Properties of Additively Manufactured 18Ni300 Maraging Steels**

Aydın İ., Yağmur A., Tirkeş S., Gür C. H.

20. International Metallurgy and Materials Congress, İstanbul, Turkey, 10 - 12 June 2021, vol.1, pp.243

## **Metrics**

Publication: 3