

## Res. Asst. ALİ GÜNERHAN

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Eskişehir Technical University, Institute Of Graduate Programs, Turkey 2021 - Continues

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Havacılık Bilimi ve Teknolojileri Böl., Turkey 2018 - 2021

Undergraduate, Anadolu University, Academy Of Civil Aviation, Department Of Aviation Electrics And Electronics, Turkey 2010 - 2017

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Modification of surface properties of AA2024-T3 aluminum alloy used in aviation by using laser, Kocaeli University, Fen Bilimleri Enstitüsü, Havacılık Bilimi ve Teknolojileri Böl., 2021

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Havacılık Elektrik Elektronik, 2021 - Continues

Research Assistant, Nisantasi University, Academy Of Civil Aviation, Department Of Avionics, 2020 - 2021

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

- Energy efficiency and sustainability: Implementing circular economy principles for cabin waste management in aviation**  
Guven T. B., Degirmenci H., GÜNERHAN A., Altuntas O.  
Energy for Sustainable Development, vol.81, 2024 (SCI-Expanded)
- Production of Super-Hydrophobic Al2024-T3 Surfaces by Using Nanosecond Fiber Laser**

## Refereed Congress / Symposium Publications in Proceedings

- I. **Towards Zero Waste with the Circular Economy at Airports**  
GÜVEN T. B., DEĞİRMENÇİ H., GÜNERHAN A., ALTUNTAŞ Ö.  
The 6th International Conference on Alternative Fuels, Energy & Environment (ICAFEE 2023): Future and Challenges, Kayseri, Turkey, 6 - 08 October 2023, pp.415-416
- II. **A Comprehensive Review of The Impact of Feedstock Chosen in The Pyrolysis Process on The Emissions of Gas Turbine Engines**  
GÜNERHAN A., ALTUNTAŞ Ö., ÇALIŞKAN H.  
11th Global Conference on Global Warming, İstanbul, Turkey, 14 - 16 June 2023, pp.43-47
- III. **Determination of Production Processes of ASTM-Compliant Bio-jet Fuel from Waste Tyre Feedstock**  
Günerhan A., Altuntaş Ö., Çalışkan H.  
The 6th International Conference on Alternative Fuels, Energy & Environment (ICAFEE 2023): Future and Challenges, Kayseri, Turkey, 6 - 08 October 2023
- IV. **Use of ASTM Certified Alternative Jet Fuels in Aviation Gas Turbine Engines**  
GÜNERHAN A., ALTUNTAŞ Ö., ÇALIŞKAN H.  
Aviation In The XXI-st Century 2022, KYIV, Ukraine, 28 - 30 September 2022, pp.15-19
- V. **Modification of Surface Properties of Al 2024 Alloy By Using Nanosecond Fiber Laser**  
Günerhan A., Genç Öztoprak B.  
Turkish Physical Society, İstanbul, Turkey, 1 - 05 September 2020
- VI. **Modification of Surface Properties of Al 2024 Alloy By Using Nanosecond Fiber Laser**  
GÜNERHAN A., GENÇ ÖZTOPRAK B.  
TURKISH PHYSICAL SOCIETY 36TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 1 - 05 September 2020, pp.61

## Metrics

Publication: 9

Citation (WoS): 8

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 1