

## Res. Asst. PhD SALTUK ALPER YAŞAR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AFF-9901-2022

ScopusID: 59359807400

Yoksis Researcher ID: 227634

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İmalat Mühendisliği (Dr), Turkey 2018 - 2024

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, İmalat Mühendisliği (YI) (Tezli), Turkey 2015 - 2017

Undergraduate, Selcuk University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2005 - 2014

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Kişisel Hava Araçları İçin Düşey Kalkış-İniş Sisteminin Dinamik Modellemesi ve Analizi, Gazi University, Fen Bilimleri Enstitüsü, 2024

Postgraduate, PH paslanmaz çeliğinin işlenebilirliğinin araştırılması, Gazi University, Fen Bilimleri Enstitüsü, İmalat Mühendisliği (YI) (Tezli), 2017

### Research Areas

Mechanical Engineering, Construction and Manufacturing, Machine Elements, Machine Design, Computer Aided Design and Manufacturing, Non-traditional manufacturing methods, Machining Methods, Machine Theory and Dynamics, Machine Dynamics, Mechanisms, Robotics, Modeling and Simulation of Dynamic Systems, Mechanical, Engineering and Technology

### Academic Titles / Tasks

Research Assistant PhD, Gazi University, Teknoloji Fakültesi, İmalat Mühendisliği, 2024 - Continues

Research Assistant, Gazi University, Teknoloji Fakültesi, İmalat Mühendisliği, 2018 - 2024

Research Assistant, Iskenderun Technical University, Faculty Of Technology, Department Of Manufacturing Engineering, 2015 - 2017

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

- I. **Experimental evaluation of different coated cutting tools effects on machinability in turning of 17-4 PH stainless steel and optimization of the cutting parameters**  
YAŞAR S. A., UZUN G., KORKUT İ.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, 2024 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of the Vortex Cooling Method to Machining Method and Cutting Parameters**  
Gürkan D., Yaşar S. A., Uzun G., Korkut İ.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.8, no.3, pp.730-745, 2020 (Peer-Reviewed Journal)
- II. **Investigation of the Effect of Cutting Parameters on Cutting Force and Surface Roughness in Turning of 17-4 PH and 15-5 PH Stainless Steels**  
Yaşar S. A., Uzun G., Korkut İ.  
Karaelmas Fen ve Mühendislik Dergisi, vol.10, no.1, pp.71-81, 2020 (Peer-Reviewed Journal)
- III. **Investigation of the Effects of Different Coating Types on Cutting Forces in Turning of 17-4 PH Stainless Steels**  
Yaşar S. A., Uzun G., Korkut İ.  
Nevşehir Bilim ve Teknoloji Dergisi, vol.8, pp.1-11, 2019 (Peer-Reviewed Journal)
- IV. **Investigation of the Effect of Cutting Parameters on Cutting Force and Hole Quality of Ti-6Al-4V Alloy in Drilling**  
Uzun G., Yaşar S. A., Korkut İ.  
Karaelmas Fen ve Mühendislik Dergisi, vol.7, no.2, pp.469-475, 2017 (Peer-Reviewed Journal)
- V. **Design and Kinematic Analysis of a RRPR Robot Arm**  
YAŞAR S. A., KORKUT İ.  
International Journal of Innovative Research in Engineering and Management, vol.3, no.6, pp.490-493, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Kişisel Hava Araçlarının Tarihçesi**  
YAŞAR S. A., KORKUT İ.  
in: Doğa ve Mühendislik Bilimlerinde Güncel Tartışmalar 7, Çoğun Hikmet Y., Üzmuş Hasan, Parlar İshak, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.601-629, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the Effect of Feed Rate on Dimensional Accuracy in Turning of 17-4 PH Stainless Steel**  
Yaşar S. A., Korkut İ.  
5th International Iron & Steel Symposium, Karabük, Turkey, 1 - 03 April 2021, pp.83-86
- II. **The Investigation of The Effect of Different Coating Types on Tool Performance in Turning of 17-4 PH Stainless Steel**  
Yaşar S. A., Uzun G., Korkut İ.  
9th International Congress on Machining, Antalya, Turkey, 8 - 10 November 2018, pp.199-205

**III. The Investigation of The Effect of Different Coating Types on Cutting Forces in Turning of 17-4 PH Stainless Steel**

Yaşar S. A., Uzun G., Korkut İ.

The Internatnional Conference on Materials Science, Mechanical and Automotive Engineerings and Technology, İzmir, Turkey, 10 - 12 April 2018, pp.168-174

**IV. The Investigation of the Effect of Different Coating Types on Surface Rougness in Turning of 17-4 PH Stainless Steels**

Yaşar S. A., Uzun G., Korkut İ.

International Academic Research Congress (INES'xx17), Antalya, Turkey, 18 - 21 October 2017, pp.1410-1416

## **Supported Projects**

KORKUT İ., YAŞAR S. A., YILMAZ B., GÜRKAN D., Project Supported by Higher Education Institutions, İmalat Mühendisliğinde Süreç Planlama ve CAD/CAM Sistemleri, 2023 - 2024

YAŞAR S. A., UZUN G., KORKUT İ., Project Supported by Higher Education Institutions, 17-4 PH VE 15-5 PH PASLANMAZ ÇELİKLERİNİN TORNALAMA YÖNTEMİYLE İŞLENEBİLİRLİĞİNİN ARAŞTIRILMASI VE OPTİMİZASYONU, 2018 - 2019

## **Metrics**

Publication: 11

H-Index (WoS): 1