

## Res. Asst. Ahmet Kağızman

### Personal Information

**Email:** kagizman@itu.edu.tr

**Web:** <https://avesis.itu.edu.tr/kagizman>

### International Researcher IDs

ScholarID: 8vhyigAAAAJ

ORCID: 0000-0003-4004-2400

ScopusID: 57218907689

Yoksis Researcher ID: 236612

### Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği, Turkey 2018 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği, Turkey 2014 - 2018

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Information Systems, Communication and Control Engineering, Robotics and Mechatronics Systems, Mechatronic Systems, Mechanical Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği, 2017 - Continues

Research Assistant, Kırklareli University, Faculty Of Technology, Mekatronik Mühendisliği, 2016 - 2017

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

- I. **Design and simulation of a novel high acceleration chest compression device**  
Kağızman A., Sezer V.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.39, no.2, pp.1137-1152, 2023 (SCI-Expanded)
- II. **Determining the Sensor Locations for an Effective Modal Analysis With an Application to a Car Exhaust**  
Pala M. F., Erol H., Kağızman A., Yosun M.  
International Journal of Acoustics and Vibrations, vol.28, no.3, pp.270-277, 2023 (SCI-Expanded)
- III. **A modified interval valued intuitionistic fuzzy CODAS method and its application to multi-criteria selection among renewable energy alternatives in Turkey**  
Deveci K., Cin R., Kağızman A.

## Articles Published in Other Journals

- I. **Otonom Araçlarda Navigasyon İçin Düşük Maliyetli, Taşınabilir ve 360 Görüş Alanına Sahip Yeni Bir 3B LIDAR Sisteminin Geliştirilmesi**  
KAĞIZMAN A., ALTUĞ E.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.3, pp.759-769, 2019 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Comparison of Autonomous Robot's Mapping Performance Based on Number of Lidars And Number of Tours**  
Altınpınar O. V., Contarlı E. C., Kağızman A., Uguzlar U., Cansu E., Sezer V.  
2022 Innovations in Intelligent Systems and Applications Conference, ASYU 2022, Antalya, Turkey, 7 - 09 September 2022
- II. **Otonom Araçlar için 2B Lazer Tarayıcı Kullanılarak Yeni 3B LIDAR Sistemi Elde Edilmesi ve Engel Tespiti**  
KAĞIZMAN A., ALTUĞ E.  
Otomatik Kontrol Konferansı, Kayseri, Turkey, 12 - 14 September 2018
- III. **Acquiring 3D Point Cloud Data and Object Detection using 2D Laser Scanner (LIDAR) for Autonomous Vehicles**  
KAĞIZMAN A., ALTUĞ E.  
2018 International Automotive Technologies Conference (OTEKON), Bursa, Turkey, 7 - 08 May 2018

## Patent

Sezer V., Kağızman A., KARA ROBOTLARI İÇİN GERÇEK KONUM VE YÖNELİM ELDE ETME CİHAZI, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2022 009641 B , Standard Registration, 2023

Kağızman A., OTOMATİK KALP MASAJI CİHAZI, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2019 11852 , Standard Registration, 2022

## Metrics

Publication: 7

Citation (Scopus): 74

H-Index (Scopus): 2