

## Lect. UFUK ŞANVER

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-0774-215X

Publons / Web Of Science ResearcherID: AAE-3832-2019

ScopusID: 56266494200

Yoksis Researcher ID: 19377

### Education Information

Doctorate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği (Dr), Turkey 2016 - Continues  
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği (YI) (Tezli), Turkey 2012 - 2015

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, Turkey 2006 - 2012

### Foreign Languages

German, B2 Upper Intermediate

English, B2 Upper Intermediate

Russian, B1 Intermediate

### Dissertations

Postgraduate, PIC32 İLE MASA TENİSİ SAYI BELİRLEME SİSTEMİ, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği (YI) (Tezli), 2015

### Research Areas

Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Software, Electronic, System Dynamics and Control, Vehicle Systems Dynamics, Mechatronics, Engineering and Technology

### Academic Titles / Tasks

Lecturer, Istanbul Commerce University, Meslek Yüksekokulu, Bilgisayar Teknolojileri Bölümü, 2022 - Continues

Research Assistant, Istanbul Commerce University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2020 - 2022

Research Assistant, Istanbul Commerce University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2016 - 2020

Research Assistant, Istanbul Commerce University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013 - 2016

Research Assistant, Istanbul Commerce University, Fen Bilimleri Enstitüsü, 2012 - 2013

## Courses

Mantıksal Tasarım Laboratuvarı, Undergraduate, 2022 - 2023  
Veri Tabanı Sistemleri, Associate Degree, 2022 - 2023  
Mikroişlemcili Sistem Laboratuvarı, Undergraduate, 2022 - 2023  
Programlama, Associate Degree, 2022 - 2023  
Bilgisayar Grafikleri, Associate Degree, 2022 - 2023  
Veri Tabanı Sistemleri ve Güvenliği, Associate Degree, 2022 - 2023

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

- I. **An Autonomous Marine Mucilage Monitoring System**  
ŞANVER U., YEŞİLDİREK A.  
Sustainability (Switzerland), vol.15, no.4, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **An Implementation Of Vibration Based Automatic Score Keeping System For Table Tennis Game**  
**Kabul edildi**  
YAVUZ E., ŞANVER U., KASAPBAŞI M. C., YAZICI R.  
International Journal Of Electronics, Mechanical And Mechatronics Engineering (IJEMME), 2015 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Monitoring of Irregularity on Sea Surface from Land-Taken Images**  
ŞANVER U., YEŞİLDİREK A.  
2022 Conference of Russian Young Researchers in Electrical and Electronic Engineering, ElConRus 2022, St. Petersburg, Russia, 25 - 28 January 2022, pp.1417-1422
- II. **An Electronic Control Unit for Erythrocyte Sedimentation Rate Test Device**  
ŞANVER U., YAVUZ E.  
2020 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering, ElConRus 2020, St. Petersburg and Moscow, Russia, 27 - 30 January 2020, pp.162-167
- III. **An electronic control unit for thermoelectric cooling**  
ŞANVER U., YAVUZ E., EYUPOĞLU C.  
2019 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering, ElConRus 2019, Saint Petersburg and Moscow, Russia, 28 - 30 January 2019, pp.141-145
- IV. **Design and implementation of a programmable logic controller using PIC18F4580**  
ŞANVER U., YAVUZ E., EYUPOĞLU C., UZUN T.  
2018 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering, ElConRus 2018, St. Petersburg and Moscow, Russia, 29 January - 01 February 2018, vol.2018-January, pp.231-235
- V. **Characteristics of building thermal insulation**  
EYÜPOĞLU Ş., ŞANVER U.  
2018 IEEE Conference of Russian Young Researchers in Electrical and Electronic Engineering, ElConRus 2018, St. Petersburg and Moscow, Russia, 29 January - 01 February 2018, vol.2018-January, pp.408-410
- VI. **Real Time Remote Control of Robotic Hand System - TeleTouch**  
ÜNAL M. S., ERTÜRK E., KASAPBAŞI M. C., YAVUZ E., ŞANVER U.  
International Conference on Engineering Technologies (ICENTE 2017), Konya, Turkey, 7 - 09 December 2017,

pp.648-651

- VII. **An ensemble of neural networks for breast cancer diagnosis**  
Yavuz E., Eyupoglu C., ŞANVER U., YAZICI R.  
2nd International Conference on Computer Science and Engineering, UBMK 2017, Antalya, Turkey, 5 - 08 October 2017, pp.538-543
- VIII. **Use of fibrous materials in acoustic insulation applications**  
EYÜPOĞLU Ş., ŞANVER U., Eyupoglu C.  
2017 IEEE Russia Section Young Researchers in Electrical and Electronic Engineering Conference, ElConRus 2017, St. Petersburg, Russia, 1 - 03 February 2017, pp.1141-1144
- IX. **An image processing application to detect faulty bottle packaging**  
ŞANVER U., Yavuz E., Eyupoglu C.  
2017 IEEE Russia Section Young Researchers in Electrical and Electronic Engineering Conference, ElConRus 2017, St. Petersburg, Russia, 1 - 03 February 2017, pp.986-989
- X. **Modelling and implementation of an automatic table-tennis scoreboarding system**  
ŞANVER U., Yavuz E., KASAPBAŞI M. C., YAZICI R.  
IEEE North West Russia Section Young Researchers in Electrical and Electronic Engineering Conference, ElConRusNW 2016, Saint Petersburg, Russia, 2 - 03 February 2016, pp.325-329
- XI. **Identification of train wagon numbers**  
ŞANVER U.  
2014 IEEE North West Russia Young Researchers in Electrical and Electronic Engineering Conference, ElConRusNW 2014, St. Petersburg, Russia, 3 - 04 February 2014, pp.63-68
- XII. **Altı Eksenli Endüstriyel Bir Robotun Dinamik Denklemlerinin Çıkarılarak Simülasyon ve Kontrolünün Gerçekleştirilmesi**  
DAŞ E., TÜRKÖZ O., ŞANVER U.  
Otomatik Kontrol Ulusal Toplantısı, TOK2013, Turkey, 26 - 28 September 2013, pp.1143-1147