

## Lect. PhD SERKAN BELLER

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-8475-6619

Publons / Web Of Science ResearcherID: I-9931-2018

Yoksis Researcher ID: 109880

### Education Information

Doctorate, Cukurova University, Mühendislik Fakültesi, Makina Müh., Turkey 2013 - 2021

Postgraduate, Kütahya Dumlupınar University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2010 - 2012

Undergraduate, Nigde Omer Halisdemir University, Aksaray Faculty Of Engineering, Makine Mühendisliği, Turkey 2000 - 2004

### Certificates, Courses and Trainings

Data Analysis, Teknik Bilimlerde Uygulamalı İstatistiksel Analiz, Mersin Üniversitesi, 2020

Data Analysis, Teknik Bilimlerde Temel Düzey Uygulamalı İstatistik , Mersin Üniversitesi, 2020

Vocational Training, Yapay Zeka Eğitici Eğitimliği Sertifikası (208 Saat), Altın Kariyer Akademi Eğitim Kurumları, 2020

Education Management and Planning, ISO 9001:2000 Kalite Yönetim Sistemi İç Denetçi Eğitimi, MESS Eğitim Vakfı, 2007

Education Management and Planning, ISO 9001:2000 Kalite Yönetim Sistemi Başarı Belgesi, Kalder, 2006

### Dissertations

Doctorate, USE OF ARTIFICIAL INTELLIGENCE IN DESIGN OF INPUT SHAPER FOR MOTION CONTROL OF MECHANICAL SYSTEMS, Cukurova University, Mühendislik Fakültesi, Makina Müh., 2021

Postgraduate, Cam Silme Robotu Tasarımı ve Maket Uygulaması, Kütahya Dumlupınar University, Mühendislik Fakültesi, Makine Mühendisliği, 2012

### Research Areas

Mechanical Engineering, Machine Theory and Dynamics, System Dynamics and Control, Robotics, Mechatronics, Modeling and Simulation of Dynamic Systems, Mechanical Vibrations, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Cukurova University, İmamoğlu Meslek Yüksekokulu, Gaz ve Tesisatı Teknolojisi, 2012 - Continues

## Academic and Administrative Experience

Head of Department, Cukurova University, İmamoglu Meslek Yüksekokulu, Elektrik ve Enerji, 2013 - 2016

## Courses

### Associate Degree

İş Güvenliği, Associate Degree, 2016 - 2017  
Bakım Arıza ve Onarım, Associate Degree, 2014 - 2015  
Doğal Gaz Tesisatı 2, Associate Degree, 2014 - 2015  
Güneş Enerjisi, Associate Degree, 2014 - 2015, 2013 - 2014  
İklimlendirme Tekniği, Associate Degree, 2014 - 2015  
Isıtma Sistemleri 2, Associate Degree, 2014 - 2015  
Doğal Gaz Tesisatı 1, Associate Degree, 2014 - 2015  
Tesisat Meslek Resmi, Associate Degree, 2014 - 2015  
Staj, Associate Degree, 2014 - 2015  
Isıtma Sistemleri 1, Associate Degree, 2014 - 2015  
Temel Tesisat İşlemleri, Associate Degree, 2013 - 2014

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

- I. **Crane automation and mechanical damping methods**  
Beller S., Yavuz H.  
ALEXANDRIA ENGINEERING JOURNAL, vol.60, no.3, pp.3275-3293, 2021 (SCI-Expanded)
- II. **An intelligent serial connected hybrid control method for gantry cranes**  
Yavuz H., Beller S.  
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, vol.146, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Torque Estimation with Artificial Intelligence Methods in a Brushed-Geared Dc Motor**  
BELLER S.  
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.37, no.4, pp.885-898, 2022 (Peer-Reviewed Journal)
- II. **DESIGN AND KINEMATIC ANALYSIS OF A SIMPLY VERTICAL WINDOW CLEANING ROBOT**  
TÜRKEŞ E., BELLER S., EKŞİ O., KARABEYOĞLU S. S., TIKİZ İ.  
International Journal of Current Research, vol.9, no.5, pp.49806-49814, 2017 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Cam Silme Robotu Tasarımı**  
BELLER S., TÜRKEŞ E.  
16. ULUSAL MAKİNA TEORİSİ SEMPOZYUMU, Erzurum, Turkey, 12 - 13 September 2013, pp.66

## Peer Reviews in Scientific Publications

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, Journal Indexed in SCI-E, July 2020  
MECHANICAL SYSTEMS AND SIGNAL PROCESSING, Journal Indexed in SCI-E, May 2020

## **Metrics**

Publication: 5

Citation (Scopus): 10

H-Index (Scopus): 1

## **Congress and Symposium Activities**

UMTS 2013, 16. Ulusal Makina Teorisi Sempozyumu, Attendee, ERZURUM, Turkey, 2013

## **Non Academic Experience**

Business Establishment Private, Habaş Demir Çelik Ve Liman Tesisleri

HABAŞ A.Ş., Yardımcı İşletmeler ve Yatırım Mühendisi