

## Lect. PhD YUSUF ALPTEKİN TÜRKKAN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-1542-0713

Publons / Web Of Science ResearcherID: F-2696-2018

ScopusID: 57211665942

Yoksis Researcher ID: 129404

### Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Mechanical Engineering, Turkey 2014 - 2020

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Mechanical Engineering, Turkey 2011 - 2014

Undergraduate, Balıkesir University, Faculty Of Engineering-Architecture, Department Of Mechanical Engineering, Turkey 2004 - 2010

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, BİNEK ARAÇLARDA HAVA YAYI KULLANAN AKTİF SÜSPANSİYON SİSTEMİNİN VE HAVA YAYI KATILIK PARAMETRELERİNİN SİSTEM PERFORMANSINA ETKİSİNİN İNCELENMESİ, 2020

Postgraduate, Sürüş konforu için taşıt koltuk titreşimlerinin modellenmesi ve analizi, 2014

### Research Areas

Optimization Theory and Methods, Simulation, Machine Theory and Dynamics

### Academic Titles / Tasks

Lecturer PhD, Bursa Uludağ University, ORHANGAZİ YENİKÖY ASİL ÇELİK MYO, ELEKTRONİK VE OTOMASYON, 2021 - Continues

Research Assistant, Bayburt University, Faculty Of Engineering, Department Of Mechanical Engineering, 2017 - 2021

Research Assistant, 2012 - 2017

Research Assistant, Bayburt University, Faculty Of Engineering, Department Of Mechanical Engineering, 2011 - 2012

## Courses

### Undergraduate

- Bilgisayar Programlamaya Giriş, Undergraduate, 2023 - 2024  
Bilgisayar Programlamaya Giriş, Undergraduate, 2023 - 2024  
Bilgisayar Programlamaya Giriş, Undergraduate, 2023 - 2024  
Bilgisayar Programlamaya Giriş, Undergraduate, 2022 - 2023  
Bilgisayar Programlamaya Giriş, Undergraduate, 2022 - 2023  
Bilgisayar Programlamaya Giriş, Undergraduate, 2022 - 2023

### Associate Degree

- Ofis Yazılımları, Associate Degree, 2022 - 2023

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

- I. **Multi-Objective Optimization of Fiber Laser Cutting of Stainless-Steel Plates Using Taguchi-Based Grey Relational Analysis**  
TÜRKKAN Y. A., Aslan M., Tarkan A., Aslan Ö., YÜCE C., YAVUZ N.  
Metals, vol.13, no.1, 2023 (SCI-Expanded)
- II. **Assessment of Three Mathematical Prediction Models for Forecasting the COVID-19 Outbreak in Iran and Turkey**  
Niazkar M., Eryılmaz Turkkan G., Niazkar H. R., Turkkan Y. A.  
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2020, 2020 (SCI-Expanded)
- III. **A visual application for teaching pipe flow optimization in engineering curricula**  
Turkkan Y. A., Turkkan G. E., Yilmaz H.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.28, no.1, pp.154-159, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **THE EFFECT OF ROAD ROUGHNESS ON THE HALF VEHICLEMODEL AT DIFFERENT SPEEDS**  
TÜRKKAN Y. A., ŞEFKAT G.  
The Online Journal of Science and Technology, vol.8, no.4, pp.105-109, 2018 (Peer-Reviewed Journal)

## Books

- I. **Fonksiyonlar ve Eğrilerin Grafikleştirilmesi**  
TÜRKKAN Y. A.  
in: Yeni Başlayanlar İçin Matlab, Korukçu Özgün, Editor, Eğitim Yayınevi, Bursa, pp.57-68, 2021
- II. **Benzetim(Simülasyon)**  
TÜRKKAN Y. A.  
in: Yeni Başlayanlar İçin Matlab, Korukçu Özgün, Editor, Eğitim Yayınevi, Bursa, pp.105-116, 2021

## Papers Published in Refereed Scientific Meetings

- I. **DÖKÜM PARÇA İMALATINDA OPTICAST YAZILIMI İLE BESLEYİCİ TASARIMI OPTİMİZASYONU**  
ÇOLAK M., TÜRKKAN Y. A., YILMAZ H.  
9th International Automotive Technologies Congress, OTEKON 2018, 7 - 08 May 2018, pp.1828
- II. **KAYNAK KISITLARI ALTINDA MONTAJ HATTI İŞÇİ ATAMA VE DENGEME PROBLEMLERİNE BİR MATEMATİKSEL MODEL ÖNERİSİ .**  
TÜRKKAN Y. A., YILMAZ H., ÇOLAK M.  
9th International Automotive Technologies Congress, OTEKON 2018, 7 - 08 May 2018, pp.1092-1096

- III. **Değişken Yol Pürüzlülüklerinin Tam Taşıt Modeline Etkileri**  
TÜRKKAN Y. A., ESER S., ŞEFKAT G.  
ICADET 2017, 21 - 23 September 2017
- IV. **İki Serbestlik Dereceli Kütle- Yay- Damper Modeli İçin MATLAB GUI Tabanlı Çözüm Simülatörü**  
ERYILMAZ TÜRKKAN G., TÜRKKAN Y. A.  
ICADET2017, 21 - 23 September 2017
- V. **THE EFFECT OF ROAD ROUGHNESS ON THE HALF VEHICLE MODEL AT DIFFERENT SPEEDS**  
TÜRKKAN Y. A., ŞEFKAT G.  
ISTEC2017, Berlin, Germany, 17 - 19 July 2017, pp.528-533
- VI. **The Effects of Vibrations to the Vehicle and Driver Caused by Road Roughness**  
TÜRKKAN Y. A., ŞEFKAT G.  
ICETAS 2016, Afyonkarahisar, Turkey, 21 - 22 April 2016

## Supported Projects

- Türkkan Y. A., Erasmus Project, YOUTH LEADERSHIP DEVELOPMENT TRAINING PROGRAM, 2022 - 2024
- Türkkan Y. A., EU Supported Other Project, THE FUTURE OF YOUTH STUDIES WITH CIVIL SOCIETY DIPLOMACY, 2022 - 2023
- Türkkan Y. A., Uslu E., Tozlu A., Yılmaz H., Arslan İ., Çolak M., Project Supported by Higher Education Institutions, Döküm Endüstrisine Yönelik Ocak Reçetesi Hazırlanması Yazılımının Geliştirilmesi, 2018 - 2019

## Metrics

- Publication: 12  
Citation (WoS): 21  
Citation (Scopus): 33  
H-Index (WoS): 3  
H-Index (Scopus): 3