

## 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

## **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., Eryilmaz 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)

## **Metrics**

Publication: 3

Citation (WoS): 10

Citation (Scopus): 13

H-Index (WoS): 2

H-Index (Scopus): 2