

## Lect. Seyhan ÖZEN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-4844-2020

ScopusID: 57194618794

Yoksis Researcher ID: 174175

### Education Information

Doctorate, Yıldız Technical University, Makine/Fen Bilimleri, Makine Mühendisliği, Turkey 2016 - Continues

Postgraduate, Gebze Technical University, Makine, Makine Mühendisliği, Turkey 2012 - 2015

Undergraduate, Gazi University, Makine, Turkey 2002 - 2006

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Hermetik kompresör krank mili yataklarında ok yivli geometri tasarımı ve analizi, Gebze Teknik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği/Tasarım Ve İmalat, 2015

### Research Areas

Biomedical Engineering, Biomedical Image Processing, Mechanical Engineering, Construction and Manufacturing, Tribology, Machine Elements, Machine Design, Computer Aided Design and Manufacturing, Mechanical, Finite Element Methods

### Academic Titles / Tasks

Lecturer, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2007 - Continues

### Courses

Bilgisayar Destekli Teknik Resim, Undergraduate, 2019 - 2020  
Computer Aided Design, Undergraduate, 2018 - 2019  
Computer Aided Technical Drawing, Undergraduate, 2019 - 2020  
Bilgisayar Destekli Tasarım, Undergraduate, 2019 - 2020, 2017 - 2018  
Temel Bilgisayar Bilimleri, Undergraduate, 2019 - 2020  
Laboratuvar, Undergraduate, 2018 - 2019

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

- I. **Natural frequency analysis of lattice boom crane theoretically and experimentally**  
AZELOĞLU C. O., ÖZEN S., Edincliler A., KENAN H.  
International Journal of Steel Structures, vol.17, no.2, pp.757-762, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **HAREKETLİ YÜK ALTINDA ÇALIŞAN KREN KİRİŞLERİNİN TEORİK VE DENEYSEL DEFORMASYONANALİZİ**  
HASAN A. G., AZELOĞLU C. O., ÖZEN S., ÇOLAK Ö. Ü., SAĞIRLI A.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.4, pp.653-663, 2015 (Peer-Reviewed Journal)
- II. **THEORETICAL AND EXPERIMENTAL DEFORMATION ANALYSIS OF CRANE BEAMS SUBJECTED TO MOVING LOAD**  
AZELOĞLU C. O., Hasan A. G., ÖZEN S., ÇOLAK ÇAKIR Ö. Ü., SAĞIRLI A.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.33, no.4, pp.653-663, 2015 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Sistematik Konstrüksiyonda Bir Kavramsal Tasarım Uygulaması: Çok Amaçlı Öğütücü**  
AZELOĞLU C. O., TAYLAN G., ÖZEN S.  
3'rd International Symposium on Industrial Design & Engineering, Antalya, Turkey, 22 November 2018, pp.434-440
- II. **Farklı Düşme Açılarında bir Tavuk Yumurtası Düşme Testi Analizi Uygulaması**  
ÖZEN S., BAYRAK R., BÖRKLÜ H. R.  
3'rd International Symposium on Industrial Design & Engineering, Antalya, Turkey, 22 November 2018, pp.50-56
- III. **Delik Silindirik Makaralı Rulmanda Temas Gerilmelerinin Sonlu Elemanlar Yöntemiyle İncelenmesi**  
Bayrak R., Özen S., Sağırılı A.  
3'rd International Symposium on Industrial Design & Engineering, Antalya, Turkey, 22 November 2018, pp.83
- IV. **A Study On Pallet Mechanism Damage Of Chain Conveyor**  
AZELOĞLU C. O., ÖZEN S., KENAN H.  
3rd International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 19 December 2017, pp.364-371
- V. **A STUDY ON PALLET MECHANİSM DAMAGE OF CHAIN CONVEYOR, 3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING**  
AZELOĞLU C. O., Özen S., Kenan H.  
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017 – ICAME2017, İstanbul, Turkey, 19 December 2017, pp.364-371
- VI. **Grid Independence Analysis of Computational Fluid Dynamics of a Hydrodynamic Journal Bearing**

**with Microfilm Lubrication**

Özen S., ÇOLAK ÇAKIR Ö. Ü.

International Conference On Advances In Mechanical Engineering ICAME 2016, İstanbul, Turkey, 11 May 2016, pp.1-6

## **Other Publications**

- I. **Hermetik Kompresör Krank Mili Yataklarında Ok Yivli Geometri Tasarımı ve Analizi**  
ÖZEN S.  
Other, pp.1-61, 2015

## **Supported Projects**

Özen S., Project Supported by Other Private Institutions, LIFT UP SANAYİ ODAKLI LİSANS BİTİRME PROJESİ, 2023 - 2024  
EKŞİ ALTAN M., ÖZEN S., ERYILDIZ M., ŞENER B., DÜNDAR T. T., CANTER H. İ., ERŞAN Y., Project Supported by Higher Education Institutions, KATMANLI İMALAT İLE KİŞİYE ÖZEL MEDİKAL İMPLANT GELİŞTİRİLMESİNDE CERRAHİ GEREKSİNİMLER GÖRE TASARIM VE ÜRETİM, 2022 - 2024

Özen S., TUBITAK Project, 4 kg faydalı yük kapasiteli, 3000 m yüksek irtifalı TICARI MOTORLU ROKET TASARIMI, İMALATI ve KULLANIMI, 2018 - 2019

CELLEK M. S., ÇOLAK ÇAKIR Ö. Ü., ÖZEN S., BOĞOÇLU M. E., Industrial Thesis Project, Hermetik Kompresörlerde Krank Yataklarının Optimizasyonu ve Rulman Kullanımının İncelenmesi, 2012 - 2014

## **Metrics**

Publication: 10

Citation (WoS): 2

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 1