

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

Undergraduate

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. **An application of drop test analysis on chicken eggs under different drop angles**
Özen S., Bayrak R., Kenan H., Börklü H. R.
INTERNATIONAL JOURNAL OF FOOD ENGINEERING, vol.0, no.0, 2025 (SCI-Expanded)
- II. **An Inertia Correction Scheme for Hydrodynamic Lubrication Problems**
Ozen S., Azeloglu C. O.
International Journal for Numerical Methods in Fluids, 2025 (SCI-Expanded)
- III. **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)

Papers Published in Refereed Scientific Meetings

- I. **Improvement of Porous Customized Cranial Implant from Titanium Alloy Using Additive Manufacturing**
Külle E., Apaydınlı B., Günay A., Güldorum Y., Özen S., Acar A., Ekşi Altan M.
Additive Manufacturing Conference, Antalya, Turkey, 25 - 27 April 2024, pp.1-3
- 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. **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
- IV. **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

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. 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

VII. 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 TİCARİ 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: 13

Citation (WoS): 2

Citation (Scopus): 7

H-Index (WoS): 1

H-Index (Scopus): 1