Asst. Prof. ALKIN YILMAZ AKTER

Personal Information

Office Phone: +90 236 314 1010 Extension: 7754
Email: alkin.akter@cbu.edu.tr
Web: https://avesis.mcbu.edu.tr/alkin.akter

International Researcher IDs
ScholarID: 33OLtUUAAAAJ
ORCID: 0000-0002-2693-1730
Publons / Web Of Science ResearcherID: AAC-9672-2022
ScopusID: 57349951100
Yoksis Researcher ID: 229083

Education

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2018 - 2024
Associate Degree, Anadolu University, Açıköğretim Fakültesi, Turkey 2019 - 2021
Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2015 - 2018
Undergraduate, Dogus University, Turkey 2009 - 2014

Foreign Languages

English

Dissertations

Doctorate, Biyo-Esinlenme Tabanlı Bilgisayar Destekli Tasarım Yazılımı ve Metodolojisi Geliştirme, Gazi University, Fen Bilimleri Enstitüsü, 2024
Postgraduate, Ekskavatör kepçesi tasarımı biyomimetik yaklaşım, Gazi University, Fen Bilimleri Enstitüsü, 2018

Research Areas

Avesis Research Areas: Construction and Manufacturing
WoS Research Areas: Engineering Mechanical, Engineering Industrial
Scopus Research Areas: Modeling and Simulation, Mechanical Engineering, Engineering (miscellaneous)

Academic Positions

Research Assistant PhD, Manisa Celal Bayar University, HASAN FERDİ TURGUTLU TEKNOLOJİ FAKÜLTESİ, MEKATRONİK MÜHENDİSLİĞİ, 2018 - Present
Research Assistant, Gazi University, Teknoloji Fakültesi, 2015 - 2018

Articles

Articles

I. **BICAD bio-inspired design method and BICAD assistant design tool**
AKTER A. Y., BAŞAK H.
Journal of Engineering Design, vol.37, no.1, pp.124-146, 2026 (SCI-Expanded, Scopus)

II. **Design and analysis of biomimetics based excavator bucket and tooth**
AKTER A. Y., BAŞAK H.
Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, vol.236, no.3, pp.1167-1175, 2022 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **3 Boyutlu Tarama ile Biyomimetik Ekskavatör KazıcıTırnağı Tasarımı**
AKTER A. Y., BAŞAK H.
İSİDE-2018, Antalya, Turkey, 22 - 24 November 2018, pp.70-73, (Full Text)

II. **Kazma Mekanizmalarında Biyomimetik Uygulamalarının İncelenmesi**
BAŞAK H., AKTER A. Y.
3rd INTERNATIONAL CONGRESS ON 3D PRINTING TECHNOLOGIES AND DIGITAL INDUSTRY 2018, Antalya, Turkey, 19 - 21 April 2018, pp.433-444, (Full Text)

III. **Biyomimetik Açıdan Kazma Hareketinin İncelenmesi**
AKTER A. Y., BAŞAK H.
ISIDE International Symposium on Industrial Design Engineering, 13-15 September 2017, Nevşehir,Turkey, 13 - 15 October 2017, (Full Text)

Funded Projects

UYSAL A., ŞAHİN C. A., SOYKÖK İ. F., TURAL K., AYVACIKLI M., KELEKÇİ E., KARAÇOR M., VATAN CAN S., AKTER A. Y., Project Supported by Higher Education Institutions, Elektrikli Araç İçin Elektrik Motoru-Motor Sürücü Tasarımı ve Test Sisteminin Gerçekleştirilmesi, 2021 - 2022

Metrics

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