

## Lect. OZAN YAZAR

### Personal Information

**Email:** ozan.yazar@bozok.edu.tr

**Web:** <https://avesis.bozok.edu.tr/ozan.yazar>

### International Researcher IDs

ORCID: 0000-0002-4593-0178

Yoksis Researcher ID: 330912

### Education Information

Doctorate, Tarsus University, Institute Of Graduate Programs, Makine Mühendisliği (Dr), Turkey 2020 - Continues

Postgraduate, Mersin University, Institute Of Science, Makine Mühendisliği (Yl) (Tezli), Turkey 2018 - 2020

Undergraduate, Afyon Kocatepe University, Teknoloji Fakültesi, Otomotiv Mühendisliği Bölümü, Turkey 2012 - 2017

### Dissertations

Postgraduate, İçten yanmalı motorların yanma, emisyon ve motor performans değerlerini hesaplayabilen yazılım programının geliştirilmesi, Mersin University, 2020

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Lecturer, Yozgat Bozok University, Sorgun Meslek Yüksekokulu, Ulaştırma Hizmetleri, 2020 - Continues

### Academic and Administrative Experience

Assistant Director of Vocational School, Yozgat Bozok University, Sorgun Meslek Yüksekokulu, Ulaştırma Hizmetleri, 2023 - Continues

Head of Department, Yozgat Bozok University, Sorgun Meslek Yüksekokulu, Ulaştırma Hizmetleri, 2021 - Continues

### Courses

Tren Dinamiği, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Temel Elektrik-Elektronik Bilgisi, Associate Degree, 2023 - 2024, 2022 - 2023

Motor Bilgisi, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Termodinamik, Associate Degree, 2023 - 2024, 2022 - 2023

Staj, Associate Degree, 2023 - 2024, 2022 - 2023

Ölçme Tekniği, Associate Degree, 2023 - 2024, 2022 - 2023

Makine Bilgisi, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Fren Tekniđi, Associate Degree, 2023 - 2024, 2022 - 2023  
Oyun Tasarımı ve Programlama, Associate Degree, 2021 - 2022  
Dizel Motorlar, Associate Degree, 2020 - 2021  
Tren Mekaniđi, Associate Degree, 2021 - 2022  
Toplam Kalite Yönetimi, Associate Degree, 2021 - 2022  
Buji Ateşlemeli Motorlar, Associate Degree, 2020 - 2021

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

- I. **Predictive equivalent consumption minimization strategy for power-split hybrid electric vehicles using Monte Carlo algorithm**  
Gul M. N., Yazar O., Coşkun S., Zhang F., Li L., Kaya Ersöz İ.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.38, pp.0-22, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Development Of the Software Program That Can Account the Combustion, Emission and Engine Performance Values of Internal Combustion Engines**  
YAZAR O., DEMİR B.  
European Journal of Technique, vol.12, no.2, pp.129-138, 2022 (Peer-Reviewed Journal)
- II. **A comparative study of energy management systems under connected driving: Cooperative car-following case**  
Yazar O., Coskun S., Zhang F., Li L.  
Complex Engineering Systems, vol.2, pp.1-24, 2022 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Actor-Critic TD3-based Deep Reinforcement Learning for Energy Management Strategy of HEV**  
YAZAR O., COŞKUN S., Li L., Zhang F., Huang C.  
2023 IEEE Human-Computer Interactions, Optimization, and Robotic Applications, İstanbul, Turkey, 08 June 2023
- II. **Experimental Analysis of Front Blade Attachment with Finite Element Method**  
KARAMANLI İ. A., DURSUNLAR M., YILMAZ M., YAZAR O.  
2. INTERNATIONAL TECHNOLOGY SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 02 June 2022, pp.93-101
- III. **Equivalent Consumption Minimization Strategy for Hybrid Electric Vehicle with Emission Assessment**  
Yazar O., Coskun S.  
2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), Ankara, Turkey, 9 - 11 June 2022, pp.1-6
- IV. **Comparative Study of Car-following Models in the Development of Cooperative Adaptive Cruise Control**  
Yazar O., Coşkun S.  
9th International Advanced Technologies Symposium (IATS'21), Elazığ, Turkey, 27 - 28 October 2021, pp.75-82

## Supported Projects

Coşkun S., TUBITAK Project, Bağlantılı Sürüşte Enerji Yönetimi, 2021 - 2024  
Yazar O., TUBITAK Project, İnsan Faktörüne Bağlı Olarak Araç Takip Senaryolarında Bir Sürücü Modelinin Oluşturması,

2022 - 2023

## **Metrics**

Publication: 8

Citation (Scopus): 4

H-Index (Scopus): 1