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### Kişisel Bilgiler

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ScopusID: 55245903000

Yoksis Araştırmacı ID: 103517

### Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Makina Mühendisliği, Makine Mühendisliği, Türkiye 2011 - 2015

Yüksek Lisans, Çukurova Üniversitesi, Makina Mühendisliği, Makine Mühendisliği, Türkiye 2008 - 2011

Lisans, Çukurova Üniversitesi, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği, Türkiye 2003 - 2008

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Sertifika, Kurs ve Eğitimler

Eğitim Yönetimi ve Planlama, AVL BOOST Training Course, AVL Advanced Simulation Technologies Customer Service, 2013

Eğitim Yönetimi ve Planlama, AVL FIRE Training Course, AVL Advanced Simulation Technologies Customer Service, 2013

Eğitim Yönetimi ve Planlama, International Summer School on PEM Fuel Cells Applications and Integration, International Centre For Hydrogen Energy Technologies, 2011

Diğer, Enerji Yöneticisi, Edsm Enerji Denetim Danışmanlık Servis Mühendislik San. ve Tic. Ltd.Şti., 2009

### Yaptığı Tezler

Doktora, Modelling And Simulation of Conventional Turbocharged and Electrically Assisted Turbocharged Automotive Diesel Engine, Çukurova Üniversitesi, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği, 2015

Yüksek Lisans, Investigation of Nanoparticle Additives to the Biodiesel and Diesel Fuels for Improvement of the Performance and Exhaust Emissions in a Compression Ignition Engine, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2011

### Araştırma Alanları

Makina Mühendisliği, Mühendislik ve Teknoloji

## Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Çukurova Üniversitesi, Mühendislik Fakültesi, Otomotiv Mühendisliği, 2018 - Devam Ediyor  
Yrd. Doç. Dr., Çukurova Üniversitesi, Mühendislik Mimarlık Fakültesi, Otomotiv Mühendisliği, 2016 - 2018  
Araştırma Görevlisi, Çukurova Üniversitesi, Makine Mühendisliği, 2008 - 2015

## Akademik İdari Deneyim

Çukurova Üniversitesi, Mühendislik Fakültesi, Otomotiv Mühendisliği Bölümü, 2016 - Devam Ediyor

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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- V. **Comparison of the Effects of Reaction Parameters on Cold Flow Properties of Biodiesel**  
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MAEJO INTERNATIONAL JOURNAL OF SCIENCE AND TECHNOLOGY, cilt.3, sa.3, ss.62-71, 2017 (SCI-Expanded)
- VI. **Performance, Emission And Efficiency Analysis Of A Diesel Engine Operated With Diesel And Diesel-Ethanol (E20) Blend**  
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- X. **Effect of diesel-microalgae biodiesel-butanol blends on performance and emissions of diesel engine**  
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## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Comparison of effects of nanofluid utilization (Al<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub>, TiO<sub>2</sub>) with reference water in automotive radiators on exergetic properties of diesel engines**  
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## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Characterization and low-temperature DeNO<sub>x</sub> Performance of Copper-based Y-Zeolite Catalyst for Selective Catalytic Reduction System**  
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- II. **Recent Advances in NO<sub>x</sub> Abatement Performance of Copper-Based Zeolite Catalysts in Hydrocarbon Selective Catalytic Reduction Systems**  
Yakaryılmaz A. C., Özgür T.  
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- III. **Assessment of Hydrogen Utilization in Compression Ignition Engines as a Sustainable Fuel: An Overview**  
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6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.448
- IV. **Performance And Emission Characteristics Of A Diesel Engine Equipped With A Dual Renewable Oxyhydrogen (HHO) Gas Generation System**  
YAKARYILMAZ A. C., ÖZGÜR T., ÖZCANLI M.  
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- V. **A Short Review on Water Emulsified Fuel Effects on Engine Performance and Emission Characteristics**  
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- VI. **Effects of higher alcohol addition to diesel fuel on emission and performance characteristics of compression ignition engine: An overview**  
YAKARYILMAZ A. C., TOSUN E., ÖZGÜR T.  
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- VIII. **Estimation of Diesel Engine Vibration Level by Use of Adaptive Neuro-Fuzzy Inference System (ANFIS)**  
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- IX. **Investigation the fuel properties of apricot kernel biodiesel and diesel-biodiesel fuel blends**  
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- X. **Effect of bioethanol blending with gasoline on emissions characteristics with spark plug alteration for SI engine**  
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- XI. **Energy and Exergy Analysis 1kW Self-humidified PEM Fuel Cell**  
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- XII. **Improvement of Operational Characteristics of Sesame Oil in a Compression Ignition Engine with**

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- XIII. **Energy and Exergy Analysis of 1 kW Self-humidified PEM Fuel Cell**  
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- XIV. **Review: Alternative Design Methodologies of Impact Attenuators**  
Büyük N., ÖZGÜR T., ÖZCANLI M.  
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- XV. **Effect of MgO Nanoparticulate additives on Performance and Exhaust Emissions of Diesel Fuelled Compression Ignition Engine**  
ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.  
19th International Conference on Researches in Science Technology, 27 - 28 Temmuz 2017, ss.72-85
- XVI. **A review of exergy analysis of both PEM fuel cells and CHP systems based on PEM fuel cell**  
ÖZGÜR T., YAKARYILMAZ A. C.  
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017, ss.2295
- XVII. **Thermodynamic Analysis of a Proton Exchange Membrane Fuel Cell**  
ÖZGÜR T., YAKARYILMAZ A. C.  
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- XVIII. **Review : Alternative Design Methodologies of Impact Attenuators**  
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- XIX. **Identification of Biodiesel Yield and Kinematic Viscosity of Hazelnut Oil Biodiesel According to Operation Parameters**  
ÖZGÜR C., TOSUN E., ÖZGÜR T.  
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- XX. **Effect of mgo nanoparticule additives on performance and exhaust emissions of diesel fuelled compression ignition engine**  
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19th International Conference on Researches in Science Technology (ICRST), Barcelona, İspanya, 27 - 28 Temmuz 2017, ss.66-67
- XXI. **COMPARISON OF THE EFFECTS OF REACTION PARAMETERS ON COLD FLOW PROPERTIES OF BIODIESEL**  
ÖZGÜR C., TOSUN E., ÖZGÜR T.  
19th International Conference on Researches in Science & Technology (ICRST), Barcelona, İspanya, 27 - 28 Temmuz 2017, ss.1
- XXII. **Performance, Emission and Efficiency Analysis of a Diesel Engine Operated with Diesel and Diesel-Ethanol (E20) Blend**  
ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.  
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- XXIV. **Usage of Thermoelectric Generator for Recovery of Waste Exhaust**  
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- 1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 29 Ekim 2016
- XXV. **A study of impacts of reaction parameters on waste oil biodiesel**  
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- XXVI. **A study of impacts of reaction parameters on waste oil biodiesel production**  
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- XXVII. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**  
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- XXVIII. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**  
TOSUN E., ÖZGÜR T., ÖZGÜR C., ÖZCANLI M., SERİN H., AYDIN K.  
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- XXIX. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**  
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- XXX. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**  
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- XXXI. **Usage of Thermoelectric Generator for Recovery of Waste Exhaust Heat in Internal Combustion Engines**  
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- XXXII. **Theoretical determination of maximum biodiesel blend ratios according to kinematic viscosity values**  
ÖZCANLI M., DEDE G., ÖZGÜR C., ÖZGÜR T.  
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- XXXIII. **Performance, Emission and Thermodynamic Analysis of a Diesel Engine Fueled with Diesel and Canola Biodiesel**  
TOSUN E., ÖZCANLI M., HÜRDOĞAN E., ÖZGÜR T., AYDIN K.  
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- XXXIV. **Prediction of Carbon Monoxide Emission of a Diesel Engine Fueled with Peanut Biodiesel**  
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ULUDAMAR E., ÖZGÜR C., ÖZGÜR T., AYDIN K.  
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- XXXVI. **Determination of the Impacts of Nanoparticule Additives into diesel fuel on NOx Emmision**

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ÖZGÜR C., ÖZGÜR T., ÖZCANLI M., AYDIN K.

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**XXXVII. Analysis Of Engine Performance Parameters Of Electrically Assisted Turbocharged Diesel Engine**

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**XXXIX. Numerical Studies of Engine Performance, Emission and Combustion Characteristics of a Diesel Engine Fuelled with Hydrogen Blends**

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**XL. Investigation of Engine Performance and Emission Characteristics of SI Engine Fuelled with Ethanol Blends by Numerical Simulation**

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**XLI. Investigation of Effects of Inlet Boundary Conditions on the Flow Behaviour in a Diesel Injector**

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**XLIV. Experimental Investigation of Engine Performance and Emission Characteristics of a Diesel Engine Using Blends Containing Microalga Biodiesel, n-butanol and diesel fuel**

Tüccar G., ÖZGÜR T., YAŞAR A., AYDIN K.

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**XLV. Experimental Investigation of Engine Performance and Emission Characteristics of a Diesel Engine Using Blends Containing Microalgae Biodiesel, n-Butanol and Diesel Fuel**

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- XLVIII. **Investigation of engine performance and emission characteristics of SI engine fuelled with ethanol blends by numerical simulation**  
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- XLIX. **Improvement of Microalgae Biodiesel with Ricinus Communis Oil Biodiesel Addition**  
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- L. **Preparation of fuels by cracking of different plastics and their blends with diesel fuel**  
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