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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

- I. **Effects of hydrogen addition into liquefied petroleum gas reductant on the activity of Ag-Ti-Cu/Cordierite catalyst for selective catalytic reduction system**
Keskin Z., ÖZGÜR T., ÖZARSLAN H., YAKARYILMAZ A. C.
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- II. **Thermodynamic analysis of a Proton Exchange Membrane fuel cell**
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INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.43, sa.38, ss.18007-18013, 2018 (SCI-Expanded)
- III. **A review: Exergy analysis of PEM and PEM fuel cell based CHP systems**
ÖZGÜR T., YAKARYILMAZ A. C.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.43, sa.38, ss.17993-18000, 2018 (SCI-Expanded)
- IV. **Investigation the Fuel Properties of Apricot Kernel Biodiesel and Diesel-Biodiesel Fuel Blends**
ÖZGÜR C., YAKARYILMAZ A. C., TOSUN E., AKAR M. A., ÖZGÜR T.
JOURNAL OF BIOTECHNOLOGY, cilt.208, ss.30, 2018 (SCI-Expanded)
- V. **Comparison of the Effects of Reaction Parameters on Cold Flow Properties of Biodiesel**
ÖZGÜR C., TOSUN E., ÖZGÜR T.
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**
ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.
MAEJO INTERNATIONAL JOURNAL OF SCIENCE AND TECHNOLOGY, cilt.3, sa.3, ss.51-61, 2017 (SCI-Expanded)
- VII. **Effect of Mgo Nanoparticle Additives on Performance and Exhaust Emissions of Diesel Fuelled Compression Ignition Engine**
ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.
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- VIII. **Investigation of Nanoparticle Additives to Biodiesel for Improvement of the Performance and Exhaust Emissions in a Compression Ignition Engine**
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INTERNATIONAL JOURNAL OF GREEN ENERGY, cilt.12, sa.1, ss.51-56, 2015 (SCI-Expanded)
- IX. **Diesel engine emissions and performance from blends of citrus sinensis biodiesel and diesel fuel**
TÜCCAR G., TOSUN E., ÖZGÜR T., AYDIN K.
FUEL, cilt.132, ss.7-11, 2014 (SCI-Expanded)
- X. **Effect of diesel-microalgae biodiesel-butanol blends on performance and emissions of diesel engine**
TÜCCAR G., ÖZGÜR T., AYDIN K.
FUEL, cilt.132, ss.47-52, 2014 (SCI-Expanded)
- XI. **Prediction of emissions of a diesel engine fueled with soybean biodiesel using artificial neural networks**
ÖZGÜR T., TÜCCAR G., ÖZCANLI M., AYDIN K.

Diğer Dergilerde Yayınlanan Makaleler

- I. **Comparison of effects of nanofluid utilization (Al₂O₃, SiO₂, TiO₂) with reference water in automotive radiators on exergetic properties of diesel engines**
Erkan A., Tuccar G., TOSUN E., ÖZGÜR T.
SN APPLIED SCIENCES, cilt.3, sa.3, 2021 (ESCI)
- II. **Development of a prototype hydrogen vehicle**
Yakaryılmaz A. C., Yildizhan Ş., Aktaş A. E., Baş O., Tosun E., Özgür T., Aydın K.
International Journal of Automotive Engineering and Technologies, cilt.9, sa.4, ss.190-195, 2020 (Hakemli Dergi)
- III. **Performance, emission, energetic and exergetic analyses of a compression ignition engine fuelled with sunflower oil methyl esters**
ÖZGÜR T.
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- IV. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**
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EUROPEAN MECHANICAL SCIENCE, cilt.1, sa.1, ss.15-23, 2017 (Hakemli Dergi)
- V. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**
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- VI. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**
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- VII. **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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- VIII. **Analysis of Engine Performance Parameters of Electrically Assisted Turbocharged Diesel Engine**
ÖZGÜR T., AYDIN K.
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- IX. **Determination of the Impacts of Nanoparticle Additives into Diesel Fuel on NO_x Emission Characteristics of a Heavy Duty Diesel Engine**
ÖZGÜR C., ÖZGÜR T., ÖZCANLI M., AYDIN K.
Applied Mechanics and Materials, cilt.799-800, ss.857-860, 2015 (Hakemli Dergi)
- X. **PERFORMANCE AND EMISSIONS CHARACTERISTICS OF A DIESEL ENGINE FUELLED WITH ETHANOL ADDITIVE IN DIESEL-SOYBEAN BIODIESEL FUEL BLEND**
ULUDAMAR E., ÖZGÜR C., ÖZGÜR T., AYDIN K.
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- XI. **Investigation of Effects Of inlet Boundary Conditions on the Flow Behaviour in a Diesel Injector**
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- XII. **Investigation Effects of Metal Oxide Nanoparticle Additives into Diesel Fuel**
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Çukurova Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.25, sa.5, ss.9-18, 2011 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Assessment of Hydrogen Utilization in Compression Ignition Engines as a Sustainable Fuel: An Overview**
Tosun E., Özcanlı M., Akar M. A., Özgür T., Serin H.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.448
- II. **Recent Advances in NO_x Abatement Performance of Copper-Based Zeolite Catalysts in Hydrocarbon Selective Catalytic Reduction Systems**
Yakaryılmaz A. C., Özgür T.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.654-656
- III. **A Short Review on Water Emulsified Fuel Effects on Engine Performance and Emission Characteristics**
Tosun E., Özcanlı M., Özgür T., Akar M. A., Serin H.
5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Antalya, Türkiye, 21 - 23 Ekim 2020, ss.374-378
- 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.
5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Antalya, Türkiye, 21 - 23 Ekim 2020
- V. **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.
5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Antalya, Türkiye, 21 - 23 Ekim 2020
- VI. **Addition of hydrogen into LPG reductant in SCR system with Ag-Ti-Cu/Al₂O₃ catalyst**
ÖZARSLAN H., YAKARYILMAZ A. C., ÖZGÜR T., KESKİN A.
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- VII. **Estimation of Diesel Engine Vibration Level by Use of Adaptive Neuro-Fuzzy Inference System (ANFIS)**
TOSUN E., ULUDAMAR E., ÖZCANLI M., AYDIN K., ÖZGÜR T., ÖZGÜR C.
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- VIII. **Investigation the fuel properties of apricot kernel biodiesel and diesel-biodiesel fuel blends**
Ozgun C., YAKARYILMAZ A. C., TOSUN E., AKAR M. A., ÖZGÜR T.
European Biotechnology Congress, Athens, Yunanistan, 26 - 28 Nisan 2018, cilt.280
- IX. **Effect of bioethanol blending with gasoline on emissions characteristics with spark plug alteration for SI engine**
AKAR M. A., BAŞ O., ÖZGÜR T., ÖZCANLI M.
European Biotechnology Congress, Athens, Yunanistan, 26 - 28 Nisan 2018, cilt.280
- X. **Energy and Exergy Analysis 1kW Self-humidified PEM Fuel Cell**
ÖZGÜR T., YAKARYILMAZ A. C., TOSUN E., AKAR M. A., ÖZCANLI M.
3 rd International Hydrogen Technologies Congress (IHTEC 2018), 15 - 18 Mart 2018
- XI. **Improvement of Operational Characteristics of Sesame Oil in a Compression Ignition Engine with Small Fraction of Hydrogen Enrichment**
ÖZGÜR T., YILDIZHAN Ş., ÖZGÜR C., AYDIN K., SERİN H.
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- XII. **Energy and Exergy Analysis of 1 kW Self-humidified PEM Fuel Cell**
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3rd International Hydrogen Technologies Congress, Antalya, Türkiye, 15 - 18 Mart 2018, ss.106

XIII. Review: Alternative Design Methodologies of Impact Attenuators

Büyük N., ÖZGÜR T., ÖZCANLI M.

2nd International Mediterranean SCIENCE AND ENGINEERING CONGRESS, 25 - 27 Ekim 2017

XIV. 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

XV. 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

XVI. Thermodynamic Analysis of a Proton Exchange Membrane Fuel Cell

ÖZGÜR T., YAKARYILMAZ A. C.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017, ss.2296

XVII. Review : Alternative Design Methodologies of Impact Attenuators

BÜYÜK N., ÖZCANLI M., ÖZGÜR T.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Türkiye, 25 - 27 Ekim 2017, ss.2283-2288

XVIII. Identification of Biodiesel Yield and Kinematic Viscosity of Hazelnut Oil Biodiesel According to Operation Parameters

ÖZGÜR C., TOSUN E., ÖZGÜR T.

2nd International Mediterranean Science and Engineering Congress, Adana, Türkiye, 25 - 27 Ekim 2017, ss.1

XIX. 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 (ICRST), Barcelona, İspanya, 27 - 28 Temmuz 2017, ss.66-67

XX. 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

XXI. 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.

19th International Conference on Researches in Science & Technology (ICRST), Barcelona, İspanya, 27 - 28 Temmuz 2017, ss.1-9

XXII. 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 (ICRST), Barcelona, İspanya, 27 - 28 Temmuz 2017, ss.66-67

XXIII. Usage of Thermoelectric Generator for Recovery of Waste Exhaust

Hasan E., AYDIN K., TOSUN E., ÖZGÜR C., ÖZGÜR T.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 29 Ekim 2016

XXIV. A study of impacts of reaction parameters on waste oil biodiesel

ÖZGÜR C., TOSUN E., ÖZGÜR T.

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 production

ÖZGÜR C., TOSUN E., ÖZGÜR T.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.3099-3103

XXVI. 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.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.1307-1316

XXVII. Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives

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1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.1307-1316

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TOSUN E., ÖZGÜR T., ÖZGÜR C., ÖZCANLI M., SERİN H., AYDIN K.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.1307-1316

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XXX. Usage of Thermoelectric Generator for Recovery of Waste Exhaust Heat in Internal Combustion Engines

ELBAŞI H., AYDIN K., TOSUN E., ÖZGÜR C., ÖZGÜR T.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.3546-3552

XXXI. Theoretical determination of maximum biodiesel blend ratios according to kinematic viscosity values

ÖZCANLI M., DEDE G., ÖZGÜR C., ÖZGÜR T.

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XXXII. 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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XXXIII. Prediction of Carbon Monoxide Emission of a Diesel Engine Fueled with Peanut Biodiesel

TOSUN E., ÖZGÜR T., AYDIN K., ÖZCANLI M., SERİN H.

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XXXIV. Performance and Emissions Characteristics of a Diesel Engine Fuelled With Ethanol Additive in Diesel-Soybean Biodiesel Fuel Blend

ULUDAMAR E., ÖZGÜR C., ÖZGÜR T., AYDIN K.

The MacroJournals Conference on Medicine, Science, and Technology, Dubrovnik, Hırvatistan, 3 - 04 Ağustos 2015, cilt.3, sa.1, ss.15-23

XXXV. Determination of the Impacts of Nanoparticule Additives into diesel fuel on NOx Emmision Characteristics of a Heavy Duty Diesel Engine

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

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XXXVI. Analysis Of Engine Performance Parameters Of Electrically Assisted Turbocharged Diesel Engine

ÖZGÜR T., AYDIN K.

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XXXVII. Determination of performance, emission, energetic and exergetic performance of a diesel engine.

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International Conference on Automotive and Vehicle Technologies 2014, İstanbul, Türkiye, 16 - 18 Ekim 2014, ss.243-251

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

ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.

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

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

TÜCCAR G., ÖZGÜR T., TOSUN E., ÖZGÜR C., AYDIN K.

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XLI. Numerical Studies of Engine Performance Emission and Combustion Characteristics of a Diesel engine Fueled with Hydrogen Blends

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XLII. Investigation of Engine Performance and emission Characteristics of SI engine Fueled with Ethanol Blends by Numerical Simulation

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The 5. International Conference on Mechanical and Aerospace Engineering, 18 - 19 Temmuz 2014

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

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

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XLIV. 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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XLV. Numerical studies of engine performance, emission and combustion characteristics of a diesel engine fuelled with hydrogen blends

ÖZGÜR T., TOSUN E., ÖZGÜR C., Tüccar G., AYDIN K.

5th International Conference on Mechanical and Aerospace Engineering, ICMAE 2014, Madrid, İspanya, 18 - 19 Temmuz 2014, cilt.1016, ss.582-586

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XLVII. Investigation of engine performance and emission characteristics of SI engine fuelled with ethanol blends by numerical simulation

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- XLVIII. **Improvement of Microalgae Biodiesel with Ricinus Communis Oil Biodiesel Addition**
TÜCCAR G., ÖZGÜR T., ÖZCANLI M., AYDIN K.
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- XLIX. **Preparation of fuels by cracking of different plastics and their blends with diesel fuel**
SERİN H., ÖZGÜR C., ÖZCANLI M., AYDIN K., ÖZGÜR T.
European Biotechnology Congress, Bratislava, Slovakya, 16 - 18 Mayıs 2013, cilt.24
- L. **Çay çekirdeği camella sinensis biyodizelinin yakıt özelliklerinin incelenmesi**
TÜCCAR G., SERİN H., GÖKÇE M. K., ÖZGÜR T., ULUDAMAR E.
VI. Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Türkiye, 21 - 22 Ekim 2011
- LI. **Performance and Emission Studies of Diesel Engine Running with %5 Polyethylene Diesel Fuel Additive**
ÖZGÜR C., ÖZGÜR T., SERİN H., AYDIN K.
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- LII. **Effect of nanoparticle additives on NOx emissions of diesel fueled compression ignition engine**
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- LIIL. **Effect Of Nanoparticle Additives on NOx Emissions of Diesel Fueled Compression Ignition Engine**
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