

Dr. Öğr. Üyesi ERDİ TOSUN

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği/Otomotiv, Türkiye 2014 - 2018

Yüksek Lisans, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği/Otomotiv, Türkiye 2011 - 2013

Lisans, Çukurova Üniversitesi, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği, Türkiye 2007 - 2011

Yabancı Diller

İngilizce, B2 Orta Üstü

Sertifika, Kurs ve Eğitimler

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

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

Eğitim Yönetimi ve Planlama, Ekserji ve Uygulamaları Yaz Kursu, Osmaniye Korkut Ata Üniversitesi/Mühendislik Fakültesi/Enerji Sistemleri Mühendisliği Bölümü, 2012

Yaptığı Tezler

Doktora, Prediction of various engine-out parameters by use of artificial intelligence techniques, Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, 2018

Yüksek Lisans, Energy and Exergy Analysis of a Diesel Engine , Çukurova Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği/Otomotiv, 2013

Araştırma Alanları

Makina Mühendisliği, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Çukurova Üniversitesi, Mühendislik Fakültesi, Otomotiv Mühendisliği, 2020 - Devam Ediyor

Araştırma Görevlisi Dr., Çukurova Üniversitesi, Ceyhan Mühendislik Fakültesi, Makine Mühendisliği, 2018 - 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Combined effects of hydrogen and TiO₂ nanoparticle additive on terebinth oil biodiesel operated diesel engine**
Çalık A., Tosun E., Akar M. A., Özcanlı M.
SCIENCE AND TECHNOLOGY FOR ENERGY TRANSITION (STET), cilt.78, ss.1-6, 2023 (SCI-Expanded)
- II. **Hydrogen enrichment effects on performance and emission characteristics of a diesel engine operated with diesel-soybean biodiesel blends with nanoparticle addition**
TOSUN E., ÖZCANLI M.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, cilt.24, sa.3, ss.648-654, 2021 (SCI-Expanded)
- III. **Variation of spark plug type and spark gap with hydrogen and methanol added gasoline fuel: Performance characteristics**
Baş O., AKAR M. A., SERİN H., ÖZCANLI M., TOSUN E.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.45, sa.50, ss.26513-26521, 2020 (SCI-Expanded)
- IV. **Artificial intelligence techniques for the vibration, noise, and emission characteristics of a hydrogen-enriched diesel engine**
Yildirim S., TOSUN E., Calik A., ULUOCAK İ., AVŞAR E.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, cilt.41, sa.18, ss.2194-2206, 2019 (SCI-Expanded)
- V. **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)
- VI. **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)
- VII. **Estimation of crack propagation in polymer electrolyte membrane fuel cell under vibration conditions**
Calik A., YILDIRIM S., TOSUN E.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.42, sa.36, ss.23347-23351, 2017 (SCI-Expanded)
- VIII. **Evaluation of vibration characteristics of a hydroxyl (HHO) gas generator installed diesel engine fuelled with different diesel-biodiesel blends**
Uludamar E., TOSUN E., Tuccar G., YILDIZHAN Ş., Calik A., YILDIRIM S., SERİN H., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.42, sa.36, ss.23352-23360, 2017 (SCI-Expanded)
- IX. **Experimental and artificial neural network approach of noise and vibration characteristic of an unmodified diesel engine fuelled with conventional diesel, and biodiesel blends with natural gas addition**
Celebi K., Uludamar E., TOSUN E., YILDIZHAN Ş., AYDIN K., ÖZCANLI M.
FUEL, cilt.197, ss.159-173, 2017 (SCI-Expanded)
- X. **Prediction of density and kinematic viscosity of biodiesel by artificial neural networks**
ÖZGÜR C., TOSUN E.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, cilt.39, sa.10, ss.985-991, 2017 (SCI-Expanded)
- XI. **ESTIMATION OF OPERATIONAL PARAMETERS FOR A DIRECT INJECTION TURBOCHARGED SPARK IGNITION ENGINE BY USING REGRESSION ANALYSIS AND ARTIFICIAL NEURAL NETWORK**
TOSUN E., AYDIN K., MEROLA S. S., IRIMESCU A.
THERMAL SCIENCE, cilt.21, sa.1, ss.401-412, 2017 (SCI-Expanded)
- XII. **Comparison of linear regression and artificial neural network model of a diesel engine fueled with**

biodiesel-alcohol mixtures

TOSUN E., AYDIN K., BİLGİLİ M.

ALEXANDRIA ENGINEERING JOURNAL, cilt.55, sa.4, ss.3081-3089, 2016 (SCI-Expanded)

XIII. **Experimental and regression analysis of noise and vibration of a compression ignition engine fuelled with various biodiesels**

ULUDAMAR E., TOSUN E., AYDIN K.

FUEL, cilt.177, ss.326-333, 2016 (SCI-Expanded)

XIV. **Failure load prediction of single lap adhesive joints using artificial neural networks**

TOSUN E., ÇALIK A.

ALEXANDRIA ENGINEERING JOURNAL, cilt.55, sa.2, ss.1341-1346, 2016 (SCI-Expanded)

XV. **Exergy analysis of an inter-city bus air-conditioning system**

TOSUN E., BİLGİLİ M., TUCCAR G., YAŞAR A. N., AYDIN K.

INTERNATIONAL JOURNAL OF EXERGY, cilt.20, sa.4, ss.445-464, 2016 (SCI-Expanded)

XVI. **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)

XVII. **Determination of effects of various alcohol additions into peanut methyl ester on performance and emission characteristics of a compression ignition engine**

TOSUN E., YILMAZ A. C., ÖZCANLI M., AYDIN K.

FUEL, cilt.126, ss.38-43, 2014 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Evaluation of Lithium-ion Batteries in Electric Vehicles**
Tosun E., Keyinci S., Yakaryılmaz A. C., Yıldızhan Ş., Özcanlı M.
International Journal of Automotive Science and Technology, cilt.8, sa.3, ss.332-340, 2024 (Hakemli Dergi)
- II. **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)
- III. **Development of a prototype hydrogen vehicle**
Yakaryılmaz A. C., Yıldızhan 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)
- IV. **Catalytic effect of metal based nanoparticles on emission and vibration analysis of diesel engine**
YAŞAR A., KESKİN A., TOSUN E., YILDIZHAN Ş.
International Journal of Automotive Engineering and Technologies, ss.113-121, 2020 (Hakemli Dergi)
- V. **Investigations of Effects of Density and Viscosity of Diesel and Biodiesel Fuels on NO_x and Other Emission Formations**
TÜCCAR G., TOSUN E., ULUDAMAR E.
Academic Platform Journal of Engineering and Science, cilt.6, sa.2, ss.81-85, 2018 (Hakemli Dergi)
- VI. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fuelled by diesel fuel with nanoparticle additives**
TOSUN E., ÖZGÜR T., ÖZGÜR C., ÖZCANLI M., SERİN H., AYDIN K.
EUROPEAN MECHANICAL SCIENCE, cilt.1, sa.1, ss.15-23, 2017 (Hakemli Dergi)
- 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.
EUROPEAN MECHANICAL SCIENCE, cilt.1, ss.15-23, 2017 (Hakemli Dergi)
- VIII. **Finite Element Analysis of Electric Bike Rims Coupled with Hub Motor**
ULUDAMAR E., YILDIZHAN Ş., TOSUN E., AYDIN K.

Advances in Automobile Engineering, cilt.5, sa.2, ss.1-4, 2016 (Hakemli Dergi)

- IX. **Biodiesel Production From Opium Poppy Oil and Determination of Its Effects on Engine Performance and Emissions of a Compression Ignition Engine**
TOSUN E., ULUDAMAR E., TÜCCAR G., YILMAZ A. C., AYDIN K.
The Journal of MacroTrends in Technology and Innovation???, cilt.3, sa.1, ss.1-8, 2015 (Hakemli Dergi)
- X. **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.
Advanced Materials Research, cilt.1016, ss.602-606, 2014 (Hakemli Dergi)
- XI. **Possibility of Turkey to transit Electric Vehicle-based transportation**
TÜCCAR G., TOSUN E., ÖZCANLI M., AYDIN K.
INTERNATIONAL JOURNAL OF AUTOMOTIVE ENGINEERING AND TECHNOLOGIES, cilt.2, sa.2, ss.64-69, 2013 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Influences of Iron Oxide Nanomaterial and Hydrogen Addition into Sunflower Biodiesel/Diesel Powered Diesel Engine Performance and Emissions**
ÖZCANLI M., TOSUN E., ÇALIK A.
5th International Conference on Design and Technologies for Polymeric and Composites Products (POLCOM), Bucharest, Romanya, 24 - 27 Kasım 2021, cilt.404
- II. **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
- III. **Effects of Membership Function Type and Number of Membership Functions on ANFIS Predictions of Diesel Engine Vibration**
TOSUN E., AYDIN K., ULUOCAK İ.
International Academic Conference on Engineering, Transport, IT and Artificial Intelligence (IAC-ETITAI) 2019, Budapeşte, Macaristan, 23 - 24 Ağustos 2019, ss.187-193
- IV. **Design and Setup of A Eddy Current Dynamometer**
ULUOCAK İ., YAVUZ H., TOSUN E.
International Academic Conference on Engineering, Transport, IT and Artificial Intelligence (IAC-ETITAI) 2019, Budapeşte, Macaristan, 23 - 24 Ağustos 2019, ss.179-186
- V. **Using of Artificial Neural Network (ANN) Method to Predict Cold Flow Properties of Biodiesel-Diesel Fuel Blends**
TOSUN E., ÖZGÜR C.
4 International Mediterranean SCIENCE AND ENGINEERING CONGRESS, 25 - 27 Nisan 2019, ss.327
- VI. **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.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Türkiye, 25 - 27 Nisan 2019, ss.258-262
- VII. **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
- VIII. **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
- IX. **Energy and Exergy Analysis of 1 kW Self-humidified PEM Fuel Cell**

ÖZGÜR T., YAKARYILMAZ A. C., TOSUN E., AKAR M. A., ÖZCANLI M.

3rd International Hydrogen Technologies Congress, Antalya, Türkiye, 15 - 18 Mart 2018, ss.106

- X. **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
- XI. **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
- XII. **Effect of mgo nanoparticule 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
- XIII. **Effect of MgO Nanoparticule 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
- XIV. **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
- XV. **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
- XVI. **Effects of diesel butanol and biodiesel butanol blends over diesel engine performance and emissions**
YILDIZHAN Ş., TOSUN E., ULUDAMAR E., SERİN H.
3rd International Conference on Engineering and Natural Science, 3 - 07 Mayıs 2017, ss.180
- XVII. **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
- XVIII. **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
- XIX. **Investigation of the effects of viscosity and density of different biodiesels on exhaust emissions**
TÜCCAR G., ULUDAMAR E., YILDIZHAN Ş., TOSUN E., SERİN H., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 Ekim 2016, ss.2750
- XX. **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
- XXI. **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

- XXII. **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
- XXIII. **Evaluation of vibration characteristics of a hydroxyl (HHO) gas generator installed diesel engine fueled with different dieselbiodiesel blends**
Uludamar E., TOSUN E., Tüccar G., YILDIZHAN Ş., Çalık A., YILDIRIM S., SERİN H., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Türkiye, 26 - 28 Ekim 2016, ss.2005
- XXIV. **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
- XXV. **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
- XXVI. **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
- XXVII. **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.
AVTECH '15 / III. Automotive and Vehicle Technologies Conference, İstanbul, Türkiye, 23 - 24 Kasım 2015, ss.129-144
- XXVIII. **Prediction of Carbon Monoxide Emission of a Diesel Engine Fueled with Peanut Biodiesel**
TOSUN E., ÖZGÜR T., AYDIN K., ÖZCANLI M., SERİN H.
AVTECH '15 / III. Automotive and Vehicle Technologies Conference, İstanbul, Türkiye, 23 - 24 Kasım 2015, ss.158-166
- XXIX. **Finite Element Analysis of Electric Bike Rims Coupled with Hub Motor**
ULUDAMAR E., YILDIZHAN Ş., TOSUN E., AYDIN K.
Proceeding of International Conference and Exhibition on Automobile Engineering, Valensiya, İspanya, 1 - 02 Eylül 2015, cilt.4, ss.30
- XXX. **Finite Element Analysis of Electrical Bike Rims Coupled with Hub Motor**
ULUDAMAR E., YILDIZHAN Ş., TOSUN E., AYDIN K.
International Conference and Exhibition on Automotive Engineering, Valensiya, İspanya, 1 - 02 Eylül 2015, cilt.4, sa.1, ss.30
- XXXI. **Biodiesel Production From Opium Poppy Oil and Determination of Its Effects on Engine Performance and Emissions of a Compression Ignition Engine**
TOSUN E., ULUDAMAR E., TÜCCAR G., YILMAZ A. C., AYDIN K.
The MacroJournals Conference on Medicine, Science, and Technology - Dubrovnik 2015, Dubrovnik, Hırvatistan, 3 - 04 Ağustos 2015, cilt.3, sa.1, ss.1-8
- XXXII. **Biodiesel Production From Opium Poppy Oil and Determination of Its Effects on Engine Performance and Emissions of a Compression Ignition Engine**
TOSUN E., ULUDAMAR E., TÜCCAR G., YILMAZ A. C., AYDIN K.
The MacroJournals Conference on Medicine, Science, and Technology - Dubrovnik 2015, Dubrovnik, Hırvatistan, 3 -

04 Ağustos 2015, cilt.3, sa.1, ss.1-8

- XXXIII. **Determination of performance, emission, energetic and exergetic performance of a diesel engine.**
TOSUN E., ÖZGÜR T., TÜCCAR G., ÖZGÜR C., AYDIN K., ÖZCANLI M.
International Conference on Automotive and Vehicle Technologies 2014, İstanbul, Türkiye, 16 - 18 Ekim 2014, ss.243-251
- XXXIV. **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.
The 5th International Conference on Mechanical and Aerospace Engineering (ICMAE 2014), Madrid, İspanya, 18 - 19 Temmuz 2014, ss.11-16
- XXXV. **Investigation of Engine Performance and Emission Characteristics of SI Engine Fuelled with Ethanol Blends by Numerical Simulation**
ÖZGÜR C., TOSUN E., ÖZGÜR T., TÜCCAR G., AYDIN K.
The 5th International Conference on Mechanical and Aerospace Engineering (ICMAE 2014), Madrid, İspanya, 18 - 19 Temmuz 2014, ss.597
- XXXVI. **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.
The 5th International Conference on Mechanical and Aerospace Engineering (ICMAE 2014), Madrid, İspanya, 18 - 19 Temmuz 2014, ss.1-5
- XXXVII. **Investigation of Engine Performance and emission Characteristics of SI engine Fueled with Ethanol Blends by Numerical Simulation**
ÖZGÜR C., TOSUN E., ÖZGÜR T., TÜCCAR G., AYDIN K.
The 5. International Conference on Mechanical and Aerospace Engineering, 18 - 19 Temmuz 2014
- XXXVIII. **Numerical Studies of Engine Performance Emission and Combustion Characteristics of a Diesel engine Fueled with Hydrogen Blends**
ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.
The 5. International Conference on Mechanical and Aerospace Engineering, 18 - 19 Temmuz 2014
- XXXIX. **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.
5th International Conference on Mechanical and Aerospace Engineering, ICMAE 2014, Madrid, İspanya, 18 - 19 Temmuz 2014, cilt.1016, ss.602-606
- XL. **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
- XLI. **Investigation of engine performance and emission characteristics of SI engine fuelled with ethanol blends by numerical simulation**
ÖZGÜR C., TOSUN E., ÖZGÜR T., TÜCCAR G., AYDIN K.
5th International Conference on Mechanical and Aerospace Engineering, ICMAE 2014, Madrid, İspanya, 18 - 19 Temmuz 2014, cilt.1016, ss.597-601
- XLII. **Performance characteristics of a diesel engine fueled with trio-biodiesel blends**
ÖZCANLI M., SERİN H., YAVUZ H., AYDIN K., TOSUN E.
European Biotechnology Congress, Bratislava, Slovakya, 16 - 18 Mayıs 2013, cilt.24

Desteklenen Projeler

ÖZCANLI M., TOSUN E., Yükseköğretim Kurumları Destekli Proje, Combined Effects of Nanoparticle and Hydrogen Additives on Biodiesel Fueled Diesel Engine, 2020 - 2022

KESKİN A., TOSUN E., Yükseköğretim Kurumları Destekli Proje, Otomotiv Mühendisliği Öğrenci Laboratuvarları Altyapı

Geliştirme Projesi, 2020 - 2021

ÖZGÜR T., YAKARYILMAZ A. C., TOSUN E., Yükseköğretim Kurumları Destekli Proje, Proton Değişim Membranlı Yakıt Pili Enerji ve Ekserji Analizi, 2018 - 2019

ÖZGÜR T., TOSUN E., ÖZGÜR C., AYDIN K., Yükseköğretim Kurumları Destekli Proje, Effect of MgO Nanoparticle Additive on Performance and Exhaust Emissions of Diesel Fuelled Compression Ignition Engine, 2017 - 2018

AYDIN K., AKTAŞ A. E., ÖZGÜR T., BOZDEMİR Y. Z., BULUT Y. C., AYDIN A., TOSUN E., YILDIZHAN Ş., BAŞ O., EKMEKÇİ G., et al., Yükseköğretim Kurumları Destekli Proje, Hidrojen Enerjisi İle Çalışan Hibrid Otomobil Geliştirme Projesi, 2017 - 2018

ÖZGÜR C., TOSUN E., ÖZGÜR T., Yükseköğretim Kurumları Destekli Proje, Farklı Bitkisel Yağlardan Biyodizel üretiminde Optimum Reaksiyon Parametrelerinin Etkisinin İncelenmesi, 2016 - 2017

ÖZGÜR T., ÖZGÜR C., TOSUN E., TÜCCAR G., Yükseköğretim Kurumları Destekli Proje, Alternatif Yakıtlı Dizel Motorlarının Enerji ve Ekserji Analizleri, 2016 - 2017

Bilimsel Hakemlikler

SN Applied Sciences , Diğer İndekslerce Taranan Dergi, Aralık 2019

SN Applied Sciences, Diğer İndekslerce Taranan Dergi, Kasım 2019

Energy, SCI Kapsamındaki Dergi, Mart 2019

Energy, SCI Kapsamındaki Dergi, Şubat 2019

Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, SCI Kapsamındaki Dergi, Ocak 2019

Environmental Science and Pollution Research, SCI Kapsamındaki Dergi, Kasım 2018

Environmental Technology, Diğer İndekslerce Taranan Dergi, Şubat 2018

International Journal of Hydrogen Energy, SCI Kapsamındaki Dergi, Ocak 2018

International Journal of Hydrogen Energy , SCI Kapsamındaki Dergi, Kasım 2017

Environmental Technology, SCI Kapsamındaki Dergi, Kasım 2017

Energy, SCI Kapsamındaki Dergi, Eylül 2017

Waste and Biomass Valorization, SCI Kapsamındaki Dergi, Şubat 2017

Energy Conversion and Management, SCI Kapsamındaki Dergi, Ekim 2016

Energy Conversion and Management, SCI Kapsamındaki Dergi, Eylül 2015

Fuel Processing Technology, SCI Kapsamındaki Dergi, Haziran 2015

Energy Conversion and Management, SCI Kapsamındaki Dergi, Mayıs 2015

Journal of the American Oil Chemists' Society, Diğer İndekslerce Taranan Dergi, Ocak 2015

Fuel Processing Technology, SCI Kapsamındaki Dergi, Temmuz 2014

Metrikler

Yayın: 79

Atf (WoS): 345

Atf (Scopus): 507

H-İndeks (WoS): 8

H-İndeks (Scopus): 10

Kongre ve Sempozyum Katılımı Faaliyetleri

International Academic Conference on Engineering, Transport, IT and Artificial Intelligence (IAC-ETITAI) 2019, Katılımcı, Budapest, Macaristan, 2019

4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Katılımcı, Antalya, Türkiye, 2019

19th International Conference on Researches in Science & Technology (ICRST), Katılımcı, Barcelona, İspanya, 2017

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Katılımcı, Adana, Türkiye, 2016

AVTECH '15 / III. Automotive and Vehicle Technologies Conference, Katılımcı, İstanbul, Türkiye, 2015
The MacroJournals Conference on Medicine, Science, and Technology, Katılımcı, Dubrovnik, Hırvatistan, 2015
The 5th International Conference on Mechanical and Aerospace Engineering, Katılımcı, Madrid, İspanya, 2014
European Biotechnology Congress, Katılımcı, Bratislava, Slovakya, 2013