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Publons / Web Of Science ResearcherID: Y-8320-2018

ScopusID: 14832742200

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Education Information

Doctorate, Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği, Turkey 2011 - 2015

Postgraduate, Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği, Turkey 2009 - 2011

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2008 - 2008

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, AVL BOOST Training Course,, AVL Advanced Simulation Technologies, 2013

Education Management and Planning, AVL FIRE Training Course,, AVL Advanced Simulation Technologies, 2013

Dissertations

Doctorate, Development of a NOx Reduction system for diesel engines, Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği, 2015

Postgraduate, Production of Waste Plastic Fuels and Investigations of Influence of Waste Plastic Fuels on Performance and Exhaust Emissions Of Diesel Engine , Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği, 2011

Research Areas

Mechanical Engineering, Engineering and Technology

Academic Titles / Tasks

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.208, pp.30, 2018 (SCI-Expanded)
- II. **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, vol.3, no.3, pp.62-71, 2017 (SCI-Expanded)
- III. **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, vol.3, no.3, pp.51-61, 2017 (SCI-Expanded)
- IV. **Effect of Mgo Nanoparticule Additives on Performance and Exhaust Emmissions of Diesel Fuelled Compression Ignition Engine**
ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.
MAEJO INTERNATIONAL JOURNAL OF SCIENCE AND TECHNOLOGY, vol.3, no.3, pp.72-85, 2017 (SCI-Expanded)
- V. **Palm Biyodizel-Dizel Yakıt Karışımlarının Yakıt Özelliklerinin Tahmini**
ÖZGÜR C.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, no.1, pp.81-88, 2017 (SCI-Expanded)
- VI. **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, vol.39, no.10, pp.985-991, 2017 (SCI-Expanded)
- VII. **Effect of nanoparticle additives on NO_x emissions of diesel fuelled compression ignition engine**
ÖZGÜR T., TÜCCAR G., ULUDAMAR E., YILMAZ A. C., GUNGOR C., ÖZCANLI M., SERİN H., AYDIN K.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.7, no.4, pp.487-498, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **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, vol.1, no.1, pp.15-23, 2017 (Peer-Reviewed Journal)
- II. **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, vol.1, no.1, pp.15-23, 2017 (Peer-Reviewed Journal)
- III. **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, vol.1, no.1, pp.15-23, 2017 (Peer-Reviewed Journal)
- IV. **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, vol.1, pp.15-23, 2017 (Peer-Reviewed Journal)
- V. **Effects of SCR System on NO_x Reduction in Heavy Duty Diesel Engine Fuelled with Diesel and Alcohol**

Blends

ÖZGÜR C., AYDIN K.

Advances in Automobile Engineering, vol.5, no.2, pp.1-4, 2016 (Peer-Reviewed Journal)

- VI. **Alkol ve Katalizör Miktarlarının Farklı Katalizörlerle Üretilen Kanola Biyodizelinin Dönüşüm Oranı ve Yakıt Özellikleri Üzerindeki Etkisi**
ÖZGÜR C.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, no.1, pp.337-344, 2016 (Peer-Reviewed Journal)
- VII. **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.
Applied Mechanics and Materials, vol.799-800, pp.857-860, 2015 (Peer-Reviewed Journal)
- VIII. **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 Journal of MacroTrends in Energy and Sustainability, vol.3, pp.15-23, 2015 (Peer-Reviewed Journal)
- IX. **Investigation of Effects Ofinlet Boundary Conditions on the Flow Behaviour in a Diesel Injector**
TÜCCAR G., ÖZGÜR T., TOSUN E., ÖZGÜR C., AYDIN K.
Advanced Materials Research, vol.1016, pp.602-606, 2014 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Using of Artificial Neural Network (ANN) Method to Predict Cold Flow Properties of Biodiesel-Diesel FuelBlends**
TOSUN E., ÖZGÜR C.
4 International MediterraneanSCIENCE AND ENGINEERING CONGRESS, 25 - 27 April 2019, pp.327
- II. **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.
3rd International Hydrogen Technologies Congress (IHTEC 2018), Antalya, Turkey, 15 - 18 March 2018, pp.173
- III. **Effect of MgO Nanoparticulate additives on Performance and Exhaust Emissions of Diesel Fuelled Compression Igniton Engine**
ÖZGÜR T., TOSUN E., ÖZGÜR C., TÜCCAR G., AYDIN K.
19th International Conference on Researches in ScienceTechnology, 27 - 28 July 2017, pp.72-85
- IV. **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, Turkey, 25 - 27 October 2017, pp.1
- V. **Effect of mgo nanoparticule additives on performance and exhaust emmissions 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, Spain, 27 - 28 July 2017, pp.66-67
- VI. **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, Spain, 27 - 28 July 2017, pp.66-67
- VII. **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, Spain, 27 - 28 July 2017, pp.1

- VIII. **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, Spain, 27 - 28 July 2017, pp.1-9
- IX. **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 October 2016
- X. **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 October 2016
- XI. **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, Turkey, 26 - 28 October 2016, pp.1307-1316
- XII. **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, Turkey, 26 - 28 October 2016, pp.3546-3552
- XIII. **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, Turkey, 26 - 28 October 2016, pp.1307-1316
- XIV. **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, Turkey, 26 - 28 October 2016, pp.3099-3103
- XV. **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, Turkey, 26 - 28 October 2016, pp.1307-1316
- XVI. **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, Turkey, 26 - 28 October 2016, pp.1307-1316
- XVII. **Theoretical determination of maximum biodiesel blend ratios according to kinematic viscosity values**
ÖZCANLI M., DEDE G., ÖZGÜR C., ÖZGÜR T.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231
- XVIII. **Effects of SCR system on NOx reduction in heavy duty diesel engine fuelled with diesel and alcohol blends**
ÖZGÜR C., AYDIN K.
International Conference and Exhibition on Automobile Engineering, Valencia, Spain, 1 - 02 September 2015, vol.4, no.1, pp.40

- XIX. **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, Croatia, 3 - 04 August 2015, vol.3, no.1, pp.15-23
- XX. **Determination of the Impacts of Nanoparticule Additives into diesel fuel on NOx Emmission Characteristics of a Heavy Duty Diesel Engine**
ÖZGÜR C., ÖZGÜR T., ÖZCANLI M., AYDIN K.
The 2nd International Conference on Sensors and Materials Manufacturing Science 2015, Paris, France, 17 - 18 January 2015, pp.1-5
- XXI. **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, Turkey, 16 - 18 October 2014, pp.243-251
- XXII. **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, Spain, 18 - 19 July 2014, pp.597
- XXIII. **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, Spain, 18 - 19 July 2014, pp.11-16
- XXIV. **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, Spain, 18 - 19 July 2014, pp.1-5
- XXV. **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 July 2014
- XXVI. **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 July 2014
- XXVII. **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, Spain, 18 - 19 July 2014, vol.1016, pp.597-601
- XXVIII. **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, Spain, 18 - 19 July 2014, vol.1016, pp.582-586
- XXIX. **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, Spain, 18 - 19 July 2014, vol.1016, pp.602-606
- XXX. **AĞIR VASITA DİZEL MOTORLARDA, NANOPARTİKÜL KATKILARININ EGZOZ EMİSYONLARINA**

ETKİLERİNİN İNCELENMESİ

ŞAHİN H., ÖZGÜR C., ÖZCANLI M., AYDIN K., Kamalı T.

19. ULUSAL ISI BİLİMİ ve TEKNİĞİ KONGRESİ, Samsun, Turkey, 9 - 12 September 2013, pp.1270-1273

- XXXI. **Ağır Vasıta Dizel Motorlarda Nanopartikül Katkılarının Egzoz Emisyonlarına Etkilerinin İncelenmesi**
Şahin H., ÖZGÜR C., ÖZCANLI M., AYDIN K.
ULIBTK?13 19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Turkey, 9 - 12 September 2013, pp.1270-1273
- XXXII. **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, Slovakia, 16 - 18 May 2013, vol.24
- XXXIII. **Effect of nanoparticle additives on NOx emissions of diesel fueled compression ignition engine**
ÖZGÜR T., Tüccar G., ULUDAMAR E., YILMAZ A. C., ÖZGÜR C., ÖZCANLI M., SERİN H., AYDIN K.
6th International Ege Energy Symposium & Exhibition, İzmir, Turkey, 28 - 30 June 2012, pp.308-317
- XXXIV. **Effect of nanoparticle additives on NOx emissions of diesel fueled compression ignition engine**
ÖZGÜR T., Tüccar G., ULUDAMAR E., YILMAZ A. C., ÖZGÜR C., ÖZCANLI M., SERİN H., AYDIN K.
6th International Ege Energy Symposium & Exhibition, İzmir, Turkey, 28 - 30 June 2012, pp.308-317
- XXXV. **Performance and Emission Studies of Diesel Engine Running with %5 Polyethylene Diesel Fuel Additive**
ÖZGÜR C., ÖZGÜR T., SERİN H., AYDIN K.
6th International Ege Energy Symposium & Exhibition, İzmir, Turkey, 28 - 30 June 2012, pp.318-326
- XXXVI. **Effect Of Nanoparticle Additives on NOx Emissions of Diesel Fueled Compression Ignition Engine**
ÖZGÜR T., TÜCCAR G., ULUDAMAR E., GÜNGÖR C., ÖZCANLI M., SERİN H., AYDIN K.
6 th International Ege Energy Symposium & Exhibition Proceedings, İzmir, Turkey, 28 - 30 June 2012, pp.308-317
- XXXVII. **Palmiye Yağında Kızartılmış Tavuk Yağlarından Biyodizel Eldesi, Yakıt Özellikleri ve Motorin ile Karışımlarının İncelenmesi**
ÖZGÜR C., YILMAZ A. C., Yılmaz A., SERİN H., ÖZCANLI M., AYDIN K.
V. Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Kayseri, Turkey, 21 - 22 October 2011, pp.416-424
- XXXVIII. **Mikroalg Üretim Yöntemlerinin İncelenmesi**
ÖZGÜR C., AYDIN K.
Anadolu Enerji Sempozyumu, Elazığ, Turkey, 22 - 24 June 2011, pp.302-309
- XXXIX. **Engine performance and emission characteristics of plastic oil produced from waste polyethylene and its blends with diesel fuel**
ÖZGÜR C., SERİN H., ÖZCANLI M., SERİN S., AYDIN K.
6th International Green Energy Conference, Eskişehir, Turkey, 5 - 09 June 2011, pp.10-18
- XL. **Kanola Biyodizeli, Diizopropil Eter ve Motorin Karışımlarının Yakıt Özelliklerinin ve Motor Performans Değerlerinin İncelenmesi**
TÜCCAR G., ÖZGÜR C., DEMİRAY A., ABDULVAHİTOĞLU A., ÖZGÜR T., AYDIN K.
Yeni ve Yenilenebilir Enerji Kaynakları Enerji Yönetimi Sempozyumu, Kayseri, Turkey, 16 - 17 October 2009, pp.86-92

Supported Projects

ÖZGÜR T., TOSUN E., ÖZGÜR C., AYDIN K., Project Supported by Higher Education Institutions, Effect of MgO Nanoparticle Additive on Performance and Exhaust Emissions of Diesel Fuelled Compression Ignition Engine, 2017 - 2018

ÖZGÜR C., TOSUN E., ÖZGÜR T., Project Supported by Higher Education Institutions, Farklı Bitkisel Yağlardan Biyodizel üretiminde Optimum Reaksiyon Parametrelerinin Etkisinin İncelenmesi, 2016 - 2017

ÖZGÜR T., ÖZGÜR C., TOSUN E., TÜCCAR G., Project Supported by Higher Education Institutions, Alternatif Yakıtlı Dizel Motorlarının Enerji ve Ekserji Analizleri, 2016 - 2017

AYDIN K., ÖZCANLI M., Industrial Thesis Project, M3 Kategorisi Araçlar için AB Normlarına Uygun Düşük Maliyetli Egzoz Gazı Arıtma Sistemlerinin Geliştirilmesi, 2012 - 2014

Metrics

Publication: 56

Citation (WoS): 35

Citation (Scopus): 46

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

International Conference and exhibition on automobile engineering, Attendee, Valencia, Spain, 2015

19. ULUSAL ISI BİLİMİ ve TEKİNİĞİ KONGRESİ, Attendee, Samsun, Turkey, 2013

6. International Ege Energy Symposium & Exhibition Proceedings, Attendee, İzmir, Turkey, 2012

VI. Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Attendee, Kayseri, Turkey, 2011

Anadolu Enerji Sempozyumu,, Attendee, Elazığ, Turkey, 2011

6th International Green Energy Conference,, Attendee, Eskişehir, Turkey, 2011