

Prof. MUSTAFA ÖZCANLI

Personal Information

Email: ozcanli@cu.edu.tr

Web: <https://avesis.cu.edu.tr//ozcanli>

International Researcher IDs

ScholarID: pbag6ZUAAAAJ

ORCID: 0000-0002-0705-XXXX

Publons / Web Of Science ResearcherID: J-2086-2018

ScopusID: 36680498200

Yoksis Researcher ID: 17324

Education Information

Doctorate, Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği Bölümü, Turkey 2003 - 2009

Postgraduate, Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği Bölümü, Turkey 2000 - 2003

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 1996 - 2000

Dissertations

Doctorate, Development of Biodiesel Production Processes and Additives for Improvement of Diesel Performance and Emissions, Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği Bölümü, 2009

Postgraduate, The Effect of Magnetic Field Device on Fuel Economy and Exhaust Emissions in Internal Combustion Engine, Cukurova University, Mühendislik Mimarlık Fakültesi, Makine Mühendisliği Bölümü, 2003

Research Areas

Mechanical Engineering, Alternative Energy Resources, Hydrogen Technologies and Fuel Cells, Fuels and Combustion, Internal Combustion Engines, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Mühendislik Fakültesi, Otomotiv Mühendisliği, 2020 - Continues

Associate Professor, Cukurova University, Mühendislik Fakültesi, Otomotiv Mühendisliği, 2014 - 2020

Assistant Professor, Cukurova University, Mühendislik Fakültesi, Otomotiv Mühendisliği, 2013 - 2014

Lecturer PhD, Cukurova University, Mühendislik Fakültesi, Makina Müh., 2009 - 2013

Research Assistant, Cukurova University, Mühendislik Fakültesi, Makina Müh., 2001 - 2009

Academic and Administrative Experience

Head of Department, Cukurova University, Mühendislik Fakültesi, Otomotiv Mühendisliği, 2024 - Continues

Assistant Director of the Institute, Cukurova University, Fen Bilimleri Enstitüsü, 2021 - Continues

Courses

Postgraduate

Emissions and Exhaust Control, Postgraduate, 2013 - 2014

New Developments in Automotive Technology, Postgraduate, 2013 - 2014

Undergraduate

Introduction to Combustion, Undergraduate, 2019 - 2020

Internal Combustion Engines, Undergraduate, 2019 - 2020

Automotive Fuels And Lubricants, Undergraduate, 2013 - 2014

Supervised Theses

Özcanlı M., The usage of natural fiber reinforced hybrid composite materials as an alternative to automobile interior plastics, Postgraduate, B.KARAÇOR(Student), 2020

Özcanlı M., Improving of crawler excavator cabinet acoustic isolation with synthetic sound barrier and polyethylene insulations materials, Postgraduate, M.CAN(Student), 2019

Özcanlı M., Development of seat design and simulation of seating systems' tests according to european and us regulations for seats, Postgraduate, G.DEDE(Student), 2016

ÖZCANLI M., Investigation of Performance and Emission Characteristics of Composite Biodiesels in Compression Ignition Engines, Postgraduate, A.Burgaç(Student), 2015

ÖZCANLI M., Energy and Exergy Analysis of a Diesel Engine, Postgraduate, E.Tosun(Student), 2013

ÖZCANLI M., Different Type of Materials and Foam Application on Vehicle Rollover Analysis of Buses, Postgraduate, M.Yılmaz(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Study on the Removal of Heat Generated by a Lithium-Ion Battery Module: A Fan-Assisted Battery Cooling Approach**
Tosun E., Keyinci S., Yakaryılmaz A. C., Özcanlı M.
Processes, vol.13, no.3, pp.1-19, 2025 (SCI-Expanded)
- II. **The influence of hybridization and different manufacturing methods on the mechanical properties of the composites reinforced with basalt, jute, and flax fibers**
KARAÇOR B., ÖZCANLI M., SERİN H.
Iranian Polymer Journal (English Edition), vol.33, no.3, pp.289-304, 2024 (SCI-Expanded)
- III. **Determining the effect of tung biodiesel on thermodynamic, thermoeconomic, and exergoeconomic analyses at high engine speeds**
Şanlı B., Güven O., ÖZCANLI M., ULUDAMAR E.
Frontiers in Energy Research, vol.12, 2024 (SCI-Expanded)
- IV. **Hybrid jute/carbon fiber composites: optimum post-curing time**
Karaçor B., Özcanlı M., Kumlu U.
IRANIAN POLYMER JOURNAL (ENGLISH EDITION), vol.32, no.11, pp.1443-1454, 2023 (SCI-Expanded)
- V. **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), vol.78, pp.1-6, 2023 (SCI-Expanded)
- VI. **Thermal and mechanical characteristic investigation of the hybridization of basalt fiber with aramid**

fiber and carbon fiber

KARAÇOR B., ÖZCANLI M.

POLYMER COMPOSITES, vol.43, no.11, pp.8529-8544, 2022 (SCI-Expanded)

- VII. **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, vol.24, no.3, pp.648-654, 2021 (SCI-Expanded)
- VIII. **Assessment of thermodynamic performance of an IC engine using microalgae biodiesel at various ambient temperatures**
Gozmen Sanli B., ÖZCANLI M., SERİN H.
FUEL, vol.277, 2020 (SCI-Expanded)
- IX. **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, vol.45, no.50, pp.26513-26521, 2020 (SCI-Expanded)
- X. **Evaluation of energetic-exergetic and sustainability parameters of biodiesel fuels produced from palm oil and opium poppy oil as alternative fuels in diesel engines**
Sanli B. G., Uludamar E., ÖZCANLI M.
FUEL, vol.258, 2019 (SCI-Expanded)
- XI. **Recent studies on hydrogen usage in Wankel SI engine**
ÖZCANLI M., BAŞ O., AKAR M. A., YILDIZHAN Ş., SERİN H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, no.38, pp.18037-18045, 2018 (SCI-Expanded)
- XII. **Preface to the special issue section on "International Mediterranean Science and Engineering Congress (IMSEC 2017), 25–27 October 2017, Adana, Turkey"**
ÖZCANLI M., SERİN H., Çalık A.
International Journal of Hydrogen Energy, vol.43, no.38, pp.17969, 2018 (SCI-Expanded)
- XIII. **Hydrogen enriched waste oil biodiesel usage in compression ignition engine**
AKAR M. A., KEKILLI E., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, no.38, pp.18046-18052, 2018 (SCI-Expanded)
- XIV. **Evaluation of advanced steel usage on seat construction to reduce bus weight in compliance with FMVSS and APTA regulations**
ÖZCANLI M., Dede G.
INTERNATIONAL JOURNAL OF HEAVY VEHICLE SYSTEMS, vol.25, no.2, pp.235-247, 2018 (SCI-Expanded)
- XV. **Evaluation of fuel consumption and vibration characteristic of a compression ignition engine fuelled with high viscosity biodiesel and hydrogen addition**
ÇELEBİ K., Uludamar E., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.36, pp.23379-23388, 2017 (SCI-Expanded)
- XVI. **Experimental investigation on performance and emission characteristics of waste tire pyrolysis oil-diesel blends in a diesel engine**
Hurdogan E., Ozalp C., Kara O., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.36, pp.23373-23378, 2017 (SCI-Expanded)
- XVII. **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., Çalık A., YILDIRIM S., SERİN H., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.36, pp.23352-23360, 2017 (SCI-Expanded)
- XVIII. **Using HHO (Hydroxy) and hydrogen enriched castor oil biodiesel in compression ignition engine**
ÖZCANLI M., AKAR M. A., Çalık A., SERİN H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.36, pp.23366-23372, 2017 (SCI-Expanded)
- XIX. **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, vol.197, pp.159-173, 2017 (SCI-Expanded)

- XX. **Vibration, noise and exhaust emissions analyses of an unmodified compression ignition engine fuelled with low sulphur diesel and biodiesel blends with hydrogen addition**
ULUDAMAR E., YILDIZHAN Ş., AYDIN K., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.41, no.26, pp.11481-11490, 2016 (SCI-Expanded)
- XXI. **Experimental comparison of pure hydrogen and HHO (hydroxy) enriched biodiesel (B10) fuel in a commercial diesel engine**
Baltacioglu M. K., Arat H. T., ÖZCANLI M., AYDIN K.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.41, no.19, pp.8347-8353, 2016 (SCI-Expanded)
- XXII. **Effect of using Hydroxy - CNG fuel mixtures in a non-modified diesel engine by substitution of diesel fuel**
Arat H. T., Baltacioglu M. K., ÖZCANLI M., AYDIN K.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.41, no.19, pp.8354-8363, 2016 (SCI-Expanded)
- XXIII. **Experimental investigation of using 30HCNG fuel mixture on a non-modified diesel engine operated with various diesel replacement rates**
Arat H. T., Baltacioglu M. K., AYDIN K., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.41, no.4, pp.3199-3207, 2016 (SCI-Expanded)
- XXIV. **Effect of nanoparticle additives on NOx 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)
- XXV. **Investigation of Nanoparticle Additives to Biodiesel for Improvement of the Performance and Exhaust Emissions in a Compression Ignition Engine**
ÖZGÜR T., ÖZCANLI M., AYDIN K.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.12, no.1, pp.51-56, 2015 (SCI-Expanded)
- XXVI. **Engine Performance and Emission Characteristics of Plastic Oil Produced from Waste Polyethylene and Its Blends with Diesel Fuel**
Gungor C., SERİN H., ÖZCANLI M., SERİN S., AYDIN K.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.12, no.1, pp.98-105, 2015 (SCI-Expanded)
- XXVII. **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, vol.126, pp.38-43, 2014 (SCI-Expanded)
- XXVIII. **Effect of foam application in bus structure for conservation of residual space during rollovers**
ÖZCANLI M., Yilmaz M.
INTERNATIONAL JOURNAL OF HEAVY VEHICLE SYSTEMS, vol.21, no.1, pp.56-63, 2014 (SCI-Expanded)
- XXIX. **Biodiesel Production From Tea Seed (Camellia Sinensis) Oil and its Blends With Diesel Fuel**
SERİN H., ÖZCANLI M., Gökçe M. K., Tüccar G.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.10, no.4, pp.370-377, 2013 (SCI-Expanded)
- XXX. **Biodiesel Fuel Specifications: A Review**
ÖZCANLI M., GÜNGÖR C., AYDIN K.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.35, no.7, pp.635-647, 2013 (SCI-Expanded)
- XXXI. **Light and Heavy Phases derived from waste polyethylene by thermal cracking and their usage as fuel in DI diesel engine**
Ozcanli M.
JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH, vol.72, no.3, pp.198-202, 2013 (SCI-Expanded)
- XXXII. **Effects of soybean biodiesel on engine vibration and noise emission**
ÖZCANLI M., Keskin A., SERİN H., Yamacli S., Ustun D.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, no.2, pp.949-

- 956, 2012 (SCI-Expanded)
- XXXIII. **Performance and Emission Studies of Castor Bean (*Ricinus Communis*) Oil Biodiesel and Its Blends with Diesel Fuel**
ÖZCANLI M., SERİN H., Saribiyik O. Y., AYDIN K., SERİN S.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.34, no.19, pp.1808-1814, 2012 (SCI-Expanded)
- XXXIV. **Prediction of emissions of a diesel engine fueled with soybean biodiesel using artificial neural networks**
ÖZGÜR T., TÜCCAR G., ÖZCANLI M., AYDIN K.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.27, no.2, pp.301-312, 2011 (SCI-Expanded)
- XXXV. ***Ricinus Communis* (Castor Oil) methyl ester as a natural additive for biodiesel fuels**
ÖZCANLI M., SERİN H., AYDIN K., SERİN S.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.27, no.2, pp.331-336, 2011 (SCI-Expanded)
- XXXVI. **Evaluation of soybean/canola/palm biodiesel mixture as an alternative diesel fuel**
ÖZCANLI M., SERİN H.
JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH, vol.70, no.6, pp.466-470, 2011 (SCI-Expanded)
- XXXVII. **BIODIESEL PRODUCTION FROM TEREBINTH (*PISTACIA TEREBINTHUS*) OIL AND ITS USAGE IN DIESEL ENGINE**
ÖZCANLI M., Keskin A., AYDIN K.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.8, no.5, pp.518-528, 2011 (SCI-Expanded)
- XXXVIII. **Biodiesel Production from *Ricinus Communis* Oil and Its Blends with Soybean Biodiesel**
Saribiyik O. Y., ÖZCANLI M., SERİN H., SERİN S., AYDIN K.
STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol.56, no.12, pp.811-816, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Finite Element Analysis of Excavator Bucket Design With Biomimetic Approach With Different Steels**
Karaçor B., Koç K., Özcanlı M.
Kahramanmaraş Sütçü İmam Üniversitesi Mühendislik Bilimleri Dergisi, vol.28, no.1, pp.216-229, 2025 (Peer-Reviewed Journal)
- II. **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, vol.8, no.3, pp.332-340, 2024 (Peer-Reviewed Journal)
- III. **A Short Review: The Use and Application of Matrix Resins Formed with Some Plant-Based Oils in Bio-Composite Materials**
Karaçor B., Özcanlı M.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.12, no.3, pp.1315-1333, 2024 (Peer-Reviewed Journal)
- IV. **Investigation of the Use of Hybrid Composite Materials Formed Using Two Different Resins in Vehicle Bumpers**
Yalçın F., Özcanlı M., Karaçor B.
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Online), vol.7, no.2, pp.751-766, 2024 (Peer-Reviewed Journal)
- V. **Effects of using UHSS material for weight reduction of Cukurova 885 model backhoe loader boom element**
Gurbet Z., Karahan U., ÖZCANLI M.
International Journal of Automotive Science and Technology, vol.8, no.1, pp.78-86, 2024 (Scopus)
- VI. **Analysis of Mechanical Properties of Flax/Carbon Fiber Reinforced Hybrid Composites Produced**

Using Two Different Production Methods

Karaçor B., Özcanlı M.

Journal of Engineering Sciences and Design, vol.11, no.2, pp.459-473, 2023 (Peer-Reviewed Journal)

- VII. **Examination of Fiber Reinforced Composite Materials**
Karaçor B., Özcanlı M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.36, no.1, pp.301-320, 2023 (Scopus)
- VIII. **Characterization Of Jute/Aramid Hybrid Composite Materials with Using Different Resins**
Karaçor B., Özcanlı M.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.26, no.5, pp.915-930, 2022 (Peer-Reviewed Journal)
- IX. **TAŞIT AERODİNAMİĞİNDE KULLANILAN AHMED CİSMİNİN AKIŞ MODELİ İÇİN PRİZMATİK AĞ KATMANI OLUŞTURURKEN İZLENECEK STRATEJİ**
KEİYİNCİ S., AKAR M. A., BAŞ O., ÖZCANLI M.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.10, no.3, pp.776-785, 2022 (Peer-Reviewed Journal)
- X. **Evaluation of Mechanical Properties of Intraply Hybrid Carbon/Aramid Composite Materials**
Karaçor B., Özcanlı M.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.27, no.2, pp.537-556, 2022 (Peer-Reviewed Journal)
- XI. **Post curing temperature effect on mechanical characterization of jute/basalt fiber reinforced hybrid composites**
Karaçor B., Özcanlı M.
International Advanced Researches and Engineering Journal, vol.6, no.2, pp.90-99, 2022 (Peer-Reviewed Journal)
- XII. **The effect of use of different types of matrix material on mechanical characteristics in jute/carbon fiber reinforced hybrid composites**
Karaçor B., Özcanlı M.
Niğde Üniversitesi Mühendislik Bilimleri Dergisi, vol.11, no.2, pp.439-448, 2022 (Peer-Reviewed Journal)
- XIII. **A Review on Biodiesel: From Feedstock to Utilization in Internal Combustion Engines**
Tosun E., Özcanlı M., Akar M. A.
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Online), vol.5, no.1, pp.417-428, 2022 (Peer-Reviewed Journal)
- XIV. **Effect of Various Matrix Materials on Mechanical Properties of Basalt/Jute/Glass Fiber Reinforced Hybrid Composites**
Karaçor B., Özcanlı M.
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.36, no.4, pp.941-954, 2021 (Peer-Reviewed Journal)
- XV. **Different Curing Temperature Effects on Mechanical Properties of Jute/Glass Fiber Reinforced Hybrid Composites**
Karaçor B., Özcanlı M.
International Journal of Automotive Science and Technology, vol.5, no.4, pp.358-371, 2021 (Peer-Reviewed Journal)
- XVI. **Feasibility of a Composite Material Formed with a Waste Granular Rubber Tire on Racing Vehicle Aerodynamic Wings**
Karaçor B., Akar M. A., Özcanlı M., Serin H., Baş O.
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.3, no.2, pp.26-31, 2020 (Peer-Reviewed Journal)
- XVII. **Investigation of Use of Hybrid Composite Materials in Automobile Interior**
Karaçor B., Özcanlı M.
International Journal of Automotive Engineering and Technologies, vol.9, no.4, pp.214-228, 2020 (Peer-Reviewed Journal)
- XVIII. **PERFORMANCE OF AN SI ENGINE WITH DIFFERENT SPARK PLUGS, VCR AND H2 ADDITION**
BAŞ O., AKAR M. A., SERİN H., ÖZCANLI M.
Sigma Journal of Engineering and Natural Sciences, vol.38, no.4, pp.1951-1961, 2020 (ESCI)
- XIX. **Noise and Exhaust Emission Characteristic of a Diesel Engine Fuelled with Natural Gas and Blends of Biodiesel and Diesel Fuels**

- ULUDAMAR E., AYDIN K., ÖZCANLI M.
Karaelmas Science and Engineering Journal, vol.9, no.2, pp.244-252, 2019 (Peer-Reviewed Journal)
- XX. **Experimental investigation of noise characteristic of a compression ignition engine**
ULUDAMAR E., ÖZCANLI M., ÇELEBİ K., AYDIN K.
EUROPEAN MECHANICAL SCIENCE, vol.3, no.3, pp.88-91, 2019 (Peer-Reviewed Journal)
- XXI. **Investigating the noise generation of a compression ignition engine at different filters**
ULUDAMAR E., ÖZCANLI M., ÇELEBİ K., AYDIN K.
European Mechanical Science, vol.3, no.3, pp.88-91, 2019 (Peer-Reviewed Journal)
- XXII. **Noise and Exhaust Emission Characteristic of a Diesel Engine Fueled with Natural Gas and Blends of Biodiesel and Diesel Fuels**
ULUDAMAR E., AYDIN K., ÖZCANLI M.
Karaelmas Science and Engineering Journal, vol.9, no.2, pp.244-252, 2019 (Peer-Reviewed Journal)
- XXIII. **Effect of Spark Plug Alteration on Performance Using Hydrogen Enriched Gasoline in Si Engine Under Various Loads and Compression Ratios**
BAŞ O., AKAR M. A., YILDIZHAN Ş., ÖZCANLI M., SERİN H.
EUROPEAN MECHANICAL SCIENCE, vol.2, pp.92-95, 2018 (Peer-Reviewed Journal)
- XXIV. **Bio-composite materials: a short review of recent trends, mechanical and chemical properties, and applications**
YILDIZHAN Ş., ÇALIK A., ÖZCANLI M., SERİN H.
European Mechanical Science, vol.2, no.3, pp.83-91, 2018 (Peer-Reviewed Journal)
- XXV. **Evaluation of Effects of Compression Ratio on Performance, Combustion, Emission, Noise and Vibration Characteristics of a VCR Diesel Engine**
YILDIZHAN Ş., Uludamar E., ÖZCANLI M., SERİN H.
INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH, vol.8, no.1, pp.90-100, 2018 (ESCI)
- XXVI. **Investigation of Stress and Displacement Distribution in Advanced Steel Rims**
DEDE G., YILDIZHAN Ş., ÖKTEN K., ÇALIK A., ULUDAMAR E., ÖZCANLI M.
International Journal of Automotive Engineering and Technologies, pp.34-37, 2017 (Peer-Reviewed Journal)
- XXVII. **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)
- XXVIII. **Fuel properties, performance and emission characterization of waste cooking oil (WCO) in a variable compression ratio (VCR) diesel engine**
YILDIZHAN Ş., ULUDAMAR E., ÇALIK A., DEDE G., ÖZCANLI M.
European Mechanical Science, vol.1, no.2, pp.56-62, 2017 (Peer-Reviewed Journal)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **Weight Reduction of Intercity Bus by Different Seat Construction Design in Compliance with APTA and FMVSS Standards**
DEDE G., ÖZCANLI M.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, no.2, pp.243-255, 2016 (Peer-Reviewed)

Journal)

- XXXIII. **Calculation and Optimizing of Brake Thermal Efficiency of Diesel Engines Based on Theoretical Diesel Cycle Parameters**
YILDIZHAN Ş., Karaman V., ÖZCANLI M., SERİN H.
International Journal of Engineering Technologies, IJET, vol.2, pp.100-104, 2016 (Peer-Reviewed Journal)
- XXXIV. **Vibration Analysis of a Diesel Engine Fuelled with Sunflower and Canola Biodiesels**
ULUDAMAR E., TÜCCAR G., AYDIN K., ÖZCANLI M.
Advances in Automobile Engineering, vol.5, no.1, pp.1-5, 2016 (Peer-Reviewed Journal)
- XXXV. **Vibration Analysis of a Diesel Engine Fuelled with Sunflower and Canola Biodiesels**
ULUDAMAR E., TÜCCAR G., AYDIN K., ÖZCANLI M.
Advances in Automobile Engineering, vol.5, no.137, pp.1-5, 2016 (Peer-Reviewed Journal)
- XXXVI. **Vibration Analysis of a Diesel Engine Fuelled with Sunflower and Canola Biodiesels**
ULUDAMAR E., TÜCCAR G., AYDIN K., ÖZCANLI M.
Advances in Automobile Engineering, vol.5, no.1, pp.1-5, 2016 (Peer-Reviewed Journal)
- XXXVII. **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)
- XXXVIII. **Optimizing the Quantity of Diesel Fuel Injection by Using 25HHOCNG Gas Fuel Mixture**
Arat H. T., Baltacıoğlu M., ÖZCANLI M., AYDIN K.
Advanced Engineering Forum, vol.14, pp.36-45, 2015 (Peer-Reviewed Journal)
- XXXIX. **Possibility of Turkey to transit Electric Vehicle-based transportation**
TÜCCAR G., TOSUN E., ÖZCANLI M., AYDIN K.
INTERNATIONAL JOURNAL OF AUTOMOTIVE ENGINEERING AND TECHNOLOGIES, vol.2, no.2, pp.64-69, 2013 (Peer-Reviewed Journal)
- XL. **Bütanol, Etanol ve Benzin Karışımlarının Buji ile Ateşlemeli Motorlarda Özgül Yakıt Tüketimi ve Emisyona Olan Etkisi**
KESKİN A., REŞİTOĞLU İ. A., ÖZCANLI M.
Ç.Ü.Müh.-Mim.Fakültesi Dergisi, vol.24, pp.147-156, 2009 (Peer-Reviewed Journal)
- XLI. **Butanol, Etanol ve Benzin Karışımlarının Buji ile Ateşlemeli Motorlarda Özgül Yakıt Tüketimiz ve Emisyona Etkisi**
Keskin A., Reşitoğlu İ., ÖZCANLI M.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.24, pp.147-157, 2009 (Peer-Reviewed Journal)
- XLII. **Etil ve Metil Alkolün Bir Benzinli Motorda Alternatif Yakıt Olarak Kullanımının Motor Titreşimine Olan Etkisinin Frekans Analiz Yöntemi İle Araştırılması**
Üstün D., Yamaçlı S., KESKİN A., ÖZCANLI M., Baştürk Ö.
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.22, no.2, pp.223-235, 2007 (Peer-Reviewed Journal)
- XLIII. **Modeling of the Contact Resistance in Resistance Spot Welding (RSW) Process**
Eşme U., SERİN H., ÖZCANLI M.
Ç.Ü. Müh. Mim. Fak. Dergisi, vol.22, no.1, pp.13-20, 2007 (Peer-Reviewed Journal)
- XLIV. **Biyodizel Üretim Yöntemleri ve İçten Yanmalı Motorlarda Kullanımı**
ÖZCANLI M., AYDIN K.
Biyoyakıt Dünyası, no.4, pp.58-65, 2006 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Effect of Using Different Hole Diameters and Different Materials in Brake Discs on Thermal Analysis**
Karaçor B., Avkan İ., Özcanlı M.

11. International European Congress on Advanced Studies in Basic Sciences, Rome, Italy, 11 - 13 November 2024, pp.395-410
- II. **A Case Study: Fatigue Analysis Using Different Material in Vehicle Control Arm Design**
Karaçor B., Demir S., Özcanlı M.
11. International European Congress on Advanced Studies in Basic Sciences, Rome, Italy, 11 - 13 November 2024, pp.94-105
- III. **A Fatigue Analysis Study: New Generation Mini Electric Rim Designs**
Karaçor B., Gökçe Y. E., Özcanlı M.
6th International Congress on Contemporary Scientific Research, Paris, France, 25 - 28 October 2024, pp.968-989
- IV. **Modal Analysis Study on Different Mini Electric Vehicle Rim Designs**
Karaçor B., Kaysadı K., Özcanlı M.
6th International Congress on Contemporary Scientific Research, Paris, France, 25 - 28 October 2024, pp.943-967
- V. **Innovative Use of Textile Waste for Automotive Applications**
ÖZCANLI M., KARAÇOR B., ZERVENT ÜNAL B., ÇALIK A.
10 th International Scientific Conference on Advances in Mechanical Engineering (ISCAME 2024), Debrecen, Hungary, 7 - 09 November 2024
- VI. **The Effect of Using Different Materials in Electric Vehicle Rims on Vibration Behavior**
Karaçor B., Gökçe Y. E., Özcanlı M.
6. International Mediterranean Scientific Research Congress, Rome, Italy, 13 - 15 August 2024, pp.210-211
- VII. **Fatigue Analysis of the Rim Designed for Mini Electric Vehicle**
Karaçor B., Kaysadı K., Özcanlı M.
6. International Mediterranean Scientific Research Congress, Rome, Italy, 13 - 15 August 2024, pp.208-209
- VIII. **Effect of Different Geometric Designs and Change of Materials on Piston Head Thermal Analysis**
Karaçor B., Avkan İ., Özcanlı M.
10. International European Congress on Advanced Studies in Basic Sciences , Amsterdam, Netherlands, 26 - 28 July 2024, pp.386-401
- IX. **Weight Reduction Using Ultra High Strength Steel (UHSS) in Semi Trailer Chassis**
Talas T., Karaçor B., Özcanlı M.
10. International European Congress on Advanced Studies in Basic Sciences , Amsterdam, Netherlands, 26 - 28 July 2024, pp.1112-1128
- X. **A Modal Analysis Study Using Different Materials in the Formula Student Car Chassis**
Karaçor B., Elçim M. M., Özcanlı M.
6th International Conference on Global Practice of Multidisciplinary Scientific Studies, Lisbon, Portugal, 9 - 16 April 2024, pp.1982-2005
- XI. **An Optimization Study: Examining Different Materials Usage in the Truck Chassis**
Karaçor B., Aslan A., Özcanlı M., Kılınç Ö.
6th International Conference on Global Practice of Multidisciplinary Scientific Studies, Lisbon, Portugal, 9 - 16 April 2024, pp.2006-2033
- XII. **A Case Study: Examining Vibration Analysis of Leaf Springs with Design Optimization**
Karaçor B., Özcanlı M., Elçim M. M.
Ankara International Congress on Scientific Research-IX, Ankara, Turkey, 26 December 2023, pp.199-212
- XIII. **Investigation of fatigue analysis in different designs and materials of commercial vehicle brake discs**
Karaçor B., Özcanlı M., Çeliktöpus Ç.
Ankara International Congress on Scientific Research-IX, Ankara, Turkey, 26 - 29 December 2023, pp.179-198
- XIV. **Investigation of fatigue life using finite element method with the use of different materials in leaf spring design**
Karaçor B., Hükümdar Ö., Özcanlı M.
9th International Black Sea Coastline Countries Scientific Research Conference, Ankara, Turkey, 10 - 11 August 2023, pp.140-154
- XV. **A case study: Vibration analysis by finite element method in electric micro vehicle chassis**
Karaçor B., Hükümdar Ö., Özcanlı M.

- 9th International Black Sea Coastline Countries Scientific Research Conference, Ankara, Turkey, 10 - 11 August 2023, pp.412-426
- XVI. **Thermal analysis on brake disc structures of different geometric design shapes and material usage**
Karaçor B., Hükümdar Ö., Özcanlı M.
4th International Black Sea Modern Scientific Research Congress, Rize, Turkey, 06 June 2023, pp.1634-1648
- XVII. **Effects of using different materials on the crankshaft in modal analysis**
Karaçor B., Hükümdar Ö., Özcanlı M.
4th International Black Sea Modern Scientific Research Congress, Rize, Turkey, 06 June 2023, pp.1611-1633
- XVIII. **Modal analysis and structural simulation of heavy commercial vehicle chassis**
Karaçor B., Özcanlı M., Hükümdar Ö.
3th International Mediterranean Congress, Mersin, Turkey, 17 - 18 April 2023, pp.582-602
- XIX. **A case study: Fatigue analysis simulation using different materials on the front axle**
Karaçor B., Özcanlı M., Hükümdar Ö.
3th International Mediterranean Congress, Mersin, Turkey, 17 - 18 April 2023, pp.568-581
- XX. **Fatigue analysis and weight reduction studies in rear axle design using different materials**
Karaçor B., Hükümdar Ö., Ekşi Ü., Divanoğlu A., Özcanlı M.
7th International Mediterranean Science and Engineering Congress(IMSEC 2022), Antalya, Turkey, 24 - 26 October 2022, pp.255-262
- XXI. **A case study: Weight reduction studies on an electric micro car using different materials**
Karaçor B., Hükümdar Ö., Göktepe S., Tombuloğlu A. Ç., Özcanlı M.
3th International Siirt Scientific Research Congress, Siirt, Turkey, 18 November 2022, pp.2835-2848
- XXII. **The effect of the use of different materials and design optimization in the connecting rod on fatigue analysis**
Karaçor B., Duman A. K., Özcanlı M.
2nd International Congress on Multidisciplinary Natural Sciences(ICOMNAS 2022), 1 - 02 December 2022, pp.219-229
- XXIII. **Fatigue analysis and weight reduction studies in rear axle design using different materials**
Karaçor B., Hükümdar Ö., Ekşi Ü., Divanoğlu A., Özcanlı M.
7th International Mediterranean Science and Engineering Congress (IMSEC 2022), Antalya, Turkey, 24 October 2022, pp.255-262
- XXIV. **Investigation of high-strength steel usage in Cukurova 885 model backhoe loader boom**
Gurbet Z., Karahan Ü., Pesen E., Karaçor B., Özcanlı M.
7th International Mediterranean Science and Engineering Congress(IMSEC 2022), Antalya, Turkey, 24 - 26 October 2022, pp.574
- XXV. **Fatigue analysis and weight reduction studies in rear axle design using different materials**
Karaçor B., Hükümdar Ö., Ekşi Ü., Divanoğlu A., Özcanlı M.
7th International Mediterranean Science and Engineering Congress(IMSEC 2022), Antalya, Turkey, 24 - 26 October 2022, pp.255-262
- XXVI. **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, Romania, 24 - 27 November 2021, vol.404
- XXVII. **INVESTIGATION OF IMPACT STRENGTH OF EPS/RRG/CHOPPED FIBERS/POLYMER RESIN COMPOSITES**
Soyusmez T., Güzelipek O., Serin H., Özcanlı M., Kumlu U., Yıldızhan Ş.
Mediterranean International Conference on Research in Applied Sciences, Antalya, Turkey, 22 - 24 April 2022, pp.147-153
- XXVIII. **Crashworthiness analysis of heavy truck chassis by using finite element analysis**
Karaçor B., Kapulu İ., Kumlu U., Özcanlı M.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Turkey, 25 - 27

October 2021, pp.635-642

- XXIX. **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, Turkey, 25 - 27 October 2021, pp.448
- XXX. **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, Turkey, 21 - 23 October 2020
- XXXI. **Recycled composite usage for race car wing production: Effect of the surface roughness on aerodynamics**
Akar M. A., Karaçor B., Özcanlı M., Serin H.
4th International Symposium the Environment and the Industry, SIMI 2019, Bucuresti, Romania, 25 - 27 September 2019, pp.55
- XXXII. **Ultra-high strength steel usage in a sedan car chassis: A theoretical study**
Özcanlı M., Karaçor B., Akar M. A., Serin H.
4th International Symposium the Environment and the Industry, SIMI 2019, Bucuresti, Romania, 25 - 27 September 2019, pp.56-57
- XXXIII. **Investigation of stress and displacement distribution in ultra high strength steel car chassis**
Karaçor B., Özcanlı M.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019
- XXXIV. **Ahmed Body Drag Reduction by Usage of Dimpled and Bumped Surface**
AKAR M. A., Aydın V. K., BAŞ O., ÖZCANLI M.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019, pp.864-869
- XXXV. **Investigation of the Possibilities of Usage Recycled Textile Fibers and Sawdust in Composite Production**
YILÖNÜ S., ZERVENT ÜNAL B., ÖZCANLI M.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019, pp.934-939
- XXXVI. **Variation of Spark Plug and Spark Gap Size with Hydrogen and Ethanol Added Gasoline Fuel: Performance Characteristics**
BAŞ O., AKAR M. A., SERİN H., ÖZCANLI M.
4th International Mediterranean Science and Engineering Congress, 25 - 27 April 2019
- XXXVII. **Analysis of Wear and Friction Using ANSYS of Brake Pad Added Cashew and Ulexit**
AKAR M. A., SUGÖZÜ İ., BİLGİ G., ÖZCANLI M.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019, pp.1206-1208
- XXXVIII. **Ultra High Strength Steel Usage as a Front Wall Material of a Semi-Trailer in order to Reduce Total Weight**
ÖZCANLI M., TALAS T., DİLCİ E. E.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.1088
- XXXIX. **Performance Assessment of a Diesel Engine Fueled with Diesel and Microalgae Biodiesel**
gözmen şanlı b., ÖZCANLI M., SERİN H.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.1066-1071
- XL. **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, Turkey, 25 - 27 April 2019, pp.258-262
- XLII. Investigating the noise generation of a compression ignition engine at different filters**
ULUDAMAR E., ÖZCANLI M., ÇELEBİ K., AYDIN K.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.531-534
- XLIII. Comparison of St-52 steel and ultra-high strength steel as a of pipe type chassis material for formula student race car**
Karaçor B., Özcanlı M., Akar M. A., Yıldızhan Ş., Serin H.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.671-674
- XLIV. Manufacturing Methods of Polymer Matrix Composites: A Brief Review of Techniques Convenient for Mass Production**
YILDIZHAN Ş., AKAR M. A., ÖZCANLI M., SERİN H.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.395-399
- XLV. Applications of Shear Thickening Fluids (STFs) and Preparation : A Review**
AKAR M. A., YILDIRIM A. T., ÇALIK A., ÖZCANLI M.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.881-883
- XLVI. Drag Coefficient Reduction Studies on Ahmed Body: A Review**
AKAR M. A., Vural B., Çalik a., SERİN H., ÖZCANLI M.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), Antalya, Turkey, 25 - 27 April 2019, pp.1199-1204
- XLVII. Characteristics of Chopped Glass Reinforced Composite Materials: A Brief Review**
YILDIZHAN Ş., ÖZCANLI M., SERİN H.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1413-1417
- XLVIII. Micro hardness and water absorption properties of Cotton/Epoxy Bio-Composite**
SERİN H., YILDIZHAN Ş., ÖZCANLI M., AKAR M. A.
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- XLIX. 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, Greece, 26 - 28 April 2018, vol.280
- L. Cotton/Epoxy Bio-Composite Usage as an Impact Attenuator Material for Formula Students Race Cars**
ÖZCANLI M., KARAÇOR B., YILDIZHAN Ş., SERİN H.
European Biotechnology Congress 2018, Atina, Greece, 26 - 28 April 2018, pp.195
- LI. 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 March 2018
- LII. 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, Turkey, 15 - 18 March 2018, pp.106
- LIII. Comparison of diesel fuel atomization characteristics of hydrogen gas and air in a special injection device**
TÜCCAR G., YILDIRIM S., ÇALIK A., ULUDAMAR E., SERİN H., ÖZCANLI M., AYDIN K.

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

LIV. **Recent Studies on hydroegn usage in rotary SI engine**

ÖZCANLI M., BAŞ O., AKAR M. A., YILDIZHAN Ş., SERİN H.

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

LV. **Hydrogen Enrched Waste Ol Bodesel Usage n Compresson Ighton Engine**

AKAR M. A., kekilli e., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.

2nd Interna onal Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017, pp.2278

LVI. **Review: Alternative Design Methodologies of Impact Attenuators**

Büyük N., ÖZGÜR T., ÖZCANLI M.

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

LVII. **Recent studes on hydrogen usage n rotary SI engine**

ÖZCANLI M., BAŞ O., AKAR M. A., YILDIZHAN Ş., SERİN H.

2nd Interna onal Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017, pp.2279

LVIII. **Hydrogen Enriched Waste Aoil Biodiesel Usage in Compression Ignition Engine**

AKAR M. A., kekilli e., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.

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

LIX. **Effect of Hydrogen Enrched Nigella Satva Ol Bodesel on Performance and Emssons**

SERİN H., YILDIZHAN Ş., BAŞ O., AKAR M. A., ÖZCANLI M.

2nd Interna onal Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017, pp.2277

LX. **Bo-composte materals: a reiev of recent trends, mechancal and chemcal propertes, and applcatons**

YILDIZHAN Ş., ÇALIK A., ÖZCANLI M., SERİN H.

2nd Interna onal Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017, pp.198-1198

LXI. **Comparison of desel fuel atomzaton characterstcs of hydrogen gas and ar n a specal njecton devce**

Tüccar G., YILDIRIM S., ÇALIK A., ULUDAMAR E., SERİN H., ÖZCANLI M., AYDIN K.

2nd Interna onal Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1321

LXII. **Hydrogen enriched waste oil biodiesel usage in compression ignition engine**

AKAR M. A., Kekilli E., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2278

LXIII. **Recent studies on hydrogen usage in rotary SI engine**

ÖZCANLI M., BAŞ O., AKAR M. A., YILDIZHAN Ş., SERİN H.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2279

LXIV. **Bio-composite materials: a review of recent trends, mechanical and chemical properties, and applications**

YILDIZHAN Ş., ÇALIK A., ÖZCANLI M., SERİN H.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 October - 27 December 2017, pp.1198

LXV. **Hydrogen Enriched Waste Oil Biodiesel Usage In Compression Ignition Engine**

AKAR M. A., Kekilli E., BAŞ O., YILDIZHAN Ş., SERİN H., ÖZCANLI M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2278

LXVI. **Effect of Hydrogen Enriched Nigella Sativa Oil Biodiesel on Performance and Emissions**

SERİN H., YILDIZHAN Ş., BAŞ O., AKAR M. A., ÖZCANLI M.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.2277

LXVII. **Review : Alternative Design Methodolgies of Impact Attenuators**

BÜYÜK N., ÖZCANLI M., ÖZGÜR T.

2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October

2017, pp.2283-2288

- LXVIII. **Comparison of diesel fuel atomization characteristics of hydrogen gas and air in a special injection device**
TÜCCAR G., YILDIRIM S., ÇALIK A., Uludamar E., SERİN H., ÖZCANLI M., AYDIN K.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1321
- LXIX. **Energy and exergy analysis of biodiesel**
ÖZCANLI M., SERİN H., Çalik A., ÇELEBİ K., AKAR M. A.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- LXX. **Comparison of transesterification and thermal cracking methods on fuel specifications of castor oil biodiesel**
SERİN H., AKAR M. A., YILDIZHAN Ş., Ekinci F., ÖZCANLI M.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- LXXI. **A review on performance and emission characteristics of biodiesel produced from animal fat**
AKAR M. A., ÖZCANLI M., BAŞ O., KESKİN A., SERİN H.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- LXXII. **Chassis Displacement Analysis with ADAMS/CAR Based on ISO Lane Change Test**
SERİN H., ÖZCANLI M., YILDIZHAN Ş.
3rd International Conference on Engineering and Natural Sciences (ICENS 2017), Budapeşte, Hungary, 3 - 07 May 2017, pp.99
- LXXIII. **Ağaç bazlı panel üreten işletmelerde iş sağlığı ve güvenliğine yönelik acil durum ve risk değerlendirmesi**
EŞME U., Kübra O., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016
- LXXIV. **Experimental investigation on performance and emission characteristics of waste tire pyrolysis oil diesel blends in a diesel engine**
HÜRDOĞAN E., ÖZALP C., KARA O., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016
- LXXV. **Evaluation of performance and vibration characteristic of ancompression ignition engine fuelled with different viscos biodiesels and hydrogen addition**
ÇELEBİ K., ULUDAMAR E., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.4318
- LXXVI. **Investigation of the effects of viscosity and density of differentbiodiesels 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 October 2016, pp.2750
- LXXVII. **Evaluation of performance and vibration characteristic of an compression ignition engine fuelled with different viscous biodiesels and hydrogen addition**
ÇELEBİ K., ULUDAMAR E., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- LXXVIII. **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
- LXXIX. **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

- LXXX. **Comparison of transesterification and cracking methods on fuel specifications of tea seed biodiesel**
YILDIZHAN Ş., ÖZCANLI M., Kenanoğlu R., ULUDAMAR E., SERİN H.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.2337
- LXXXI. **Investigation of stress and displacement distribution in advanced steel rims**
Dede G., YILDIZHAN Ş., Kökten K., ÇALIK A., ULUDAMAR E., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.2899
- LXXXII. **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
- LXXXIII. **Compression ratio effect on performance and emissions of a diesel engine fuelled with plastic oil and diesel fuel**
YILDIZHAN Ş., ÇALIK A., ÖZCANLI M., SERİN H.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 October - 28 December 2016, pp.2087
- LXXXIV. **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
- LXXXV. **Using HHO (hydroxy) and hydrogen enriched castor oil biodiesel in compression ignition engine**
ÖZCANLI M., AKAR M. A., Çalık A., SERİN H.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.19
- LXXXVI. **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, Turkey, 26 - 28 October 2016, pp.2005
- LXXXVII. **Fuel properties, performance and emission characterization of waste cooking oil (WCO) in a variable compression ratio (VCR) diesel engine**
YILDIZHAN Ş., ULUDAMAR E., ÇALIK A., Dede G., ÖZCANLI M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.2658-2665
- LXXXVIII. **Methodological effects of thermal cracking and transesterification on fuel specifications of false flax biodiesel**
SERİN H., YILDIZHAN Ş., AKAR M. A., ÖZCANLI M.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231
- LXXXIX. **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
- XC. **Thermodynamic analysis of a diesel engine fueled with diesel and sesame oil biodiesel**
YILMAZ A., DEDE G., ÖZCANLI M., SERİN H.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231
- XCI. **Hydrogen Enriched Soybean-Oil Biodiesel Usage in Diesel Engine**
ÖZCANLI M., Baltacıoğlu M., Arat H., AYDIN K., SERİN H.
International MacroTrend Conference on MedicineScience and Technology, Nice, France, 20 - 21 June 2016, pp.34
- XCII. **PERFORMANCE, NOISE AND VIBRATION CHARACTERISTICS OF A VARIABLE COMPRESSION RATIO**

DIESEL ENGINE FUELLED WITH FALSE FLAX BIODIESEL BLEND

YILDIZHAN Ş., ULUDAMAR E., SERİN H., ÖZCANLI M., AYDIN K.

AVTECH 15 III. AUTOMOTIVE AND VEHICLE TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 23 - 24 November 2015, pp.25-36

- XCIII. 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, Turkey, 23 - 24 November 2015, pp.129-144
- XCIV. Comparison Of HCNG And HHOCNG Dual Fuels Usage With Pilot Injection In A Non-Modified Diesel Engine**
KENANOĞLU R., TANÇ B., BALTACIOĞLU M. K., ARAT H. T., ÖZCANLI M., AYDIN K., BALTACIOĞLU E.
III. Automotive and Vehicle Technologies Conference (AVTECH'15), 23 - 24 November 2015, pp.167-179
- XCv. 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, Turkey, 23 - 24 November 2015, pp.158-166
- XCVI. Performance and Emission Characteristics of a Diesel Engine Fuelled with Tea Seed Oil Biodiesel with Variable Compression Ratio**
SERİN H., ÖZCANLI M., AKAR M. A., ÖZALP C.
ICSD International Conference on Sustainable Development, 12 - 15 November 2015
- XCvII. Variable Compression Ratio Effect on Noise and Vibration Characteristics of a Diesel Engine Fuelled with Castor Oil Biodiesel**
ÖZCANLI M., SERİN H., YILDIZHAN Ş., ULUDAMAR E.
ICSD International Conference on Sustainable Development, Belgrad, Serbia And Montenegro, 12 - 15 November 2015, pp.3
- XCvIII. PERFORMANCE AND EMISSION CHARACTERISTICS OF VARIABLE COMPRESSION RATIO ENGINE FUELLED WITH DIESEL-BUTANOL AND CORN BIODIESEL-BUTANOL BLENDS**
AKAR M. A., YILDIZHAN Ş., SERİN H., ÖZCANLI M.
ICSD International Conference on Sustainable Development, Belgrad, Serbia And Montenegro, 12 - 15 November 2015, pp.2
- XCIX. Biological Treatment Applications In Adana Metropolitan Municipality, Turkey**
ÜN Ç., AYDIN K., SERİN H., ÖZCANLI M.
Proceedings Sardinia, Fifteenth International Waste Management and Landfill Symposium, 5 - 09 October 2015, pp.10-17
- C. BIOLOGICAL TREATMENT APPLICATIONS IN ADANA METROPOLITAN MUNICIPALITY, TURKEY?**
ÜN Ç., AYDIN K., SERİN H., ÖZCANLI M.
Proceedings Sardinia, Fifteenth International Waste Management and Landfill Symposium, Cagliari, Italy, 5 - 09 October 2015, pp.10-17
- CI. Rehabilitation Studies of Old Landfill Area in Adana, TURKEY**
AKKUŞ M., ÜN Ç., AYDIN K., SERİN H., ÖZCANLI M.
Proceedings Sardinia, Fifteenth International Waste Management and Landfill Symposium, Cagliari, Italy, 5 - 09 October 2015, pp.3-7
- CII. Pilot püskürtme yöntemiyle modifiye edilmemiş dizel motorda 20hcng gaz yakıtının performans ve emisyonlara etkisi?**
Kenanoğlu R., Tanç B., YILDIZHAN Ş., Baltacioğlu M., Arat H., SERİN H., ÖZCANLI M., AYDIN K.
13. Uluslararası Yanma Sempozyumu, Bursa, Turkey, 9 - 11 September 2015, pp.5-10
- CIII. Vibration Analysis of a Diesel Engine Fuelled with Sunflower and Canola biodiesels**
ULUDAMAR E., TÜCCAR G., AYDIN K., ÖZCANLI M.
International Conference and Exhibition on Automotive Engineering, Valensiya, Spain, 1 - 02 September 2015, vol.4, no.1, pp.56

- CIV. **Castor-oil methyl ester/butanol/diesel fuel blend as an alternative for compression ignition engines**
ÖZCANLI M.
European Biotechnology Congress, Bucharest, Romania, 7 - 09 May 2015, vol.208
- CV. **Emissions of a Diesel Engine Fueled with False Flax Biodiesel ? Diesel Fuel Blends**
SERİN H., YILDIZHAN Ş., burgaç a., ÖZCANLI M.
The Journal of MacroTrends in Technology and Innovation, Dubrovnik, Croatia, 3 - 04 August 2015, vol.3, no.1, pp.9-14
- CVI. **Diesel fuel production from medical waste plastic**
Ün Ç., AYDIN K., SERİN H., ÖZCANLI M.
VI.Türk-Alman Katı Atık Günleri, İzmir, Turkey, 26 - 29 May 2015, pp.1
- CVII. **Experimental Comparision of Pure Hydrogen and HHO (Hydroxy) Enriched Biodiesel (B10) Fuel in a Commercial Diesel Engine**
Baltacıoğlu M. K., Arat H. T., ÖZCANLI M., AYDIN K.
6th International Conference on Hydrogen Production, Oshawa, Ontario, Canada, 3 - 06 May 2015, pp.431-438
- CVIII. **Effect of using Hydroxy-CNG Fuel Mixtures in a Non-Modified Diesel Engine by Substitution of Diesel Fuel**
Arat H. T., Baltacıoğlu M. K., ÖZCANLI M., AYDIN K.
6th International Conference on Hydrogen Production, Oshawa, Ontario, Canada, 3 - 06 May 2015, pp.423-430
- CIX. **Experimental Comparison of Pure Hydrogen and HHO Hydroxy Enriched Biodiesel B10 Fuel in a Commercial Diesel Engine**
BALTACIOĞLU M. K., ARAT H. T., ÖZCANLI M., AYDIN K.
6th International Conference on Hydrogen Production, Ontario, Belgium, 3 - 06 May 2015, pp.431-438
- CX. **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.
The 2nd International Conference on Sensors and Materials Manufacturing Science 2015, Paris, France, 17 - 18 January 2015, pp.1-5
- CXI. **Experimental Investigation of Performance and Emission Characteristics of a CI Engine Enrichment with HHO-CNG Mixtures**
Arat H. T., Kaan B., ÖZCANLI M., AYDIN K., Baltacıoğlu E.
International Conference on Automotive and Vehicle Technologies 2014, İstanbul, Turkey, 16 - 18 October 2014, pp.223-232
- CXII. **Experimental Investigation of Performance and Emission Characteristics of a CI Engine Enriched with HHO-CNG Mixtures**
Arat H. T., Baltacıoğlu K., ÖZCANLI M., AYDIN K.
International Conference on Automotive and Vehicle Technologies, İstanbul, Turkey, 16 - 18 October 2014, pp.223-232
- CXIII. **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
- CXIV. **EVALUATION OF COMPOSITE BIODIESEL AS AN ALTERNATIVE FUEL FOR CI ENGINES**
Burgaç A., ÖZCANLI M., SERİN H.
AVTECH `14 AUTOMOTIVE AND VEHICLE TECHNOLOGIES, İstanbul, Turkey, 16 - 18 October 2014, pp.271-279
- CXV. **Effect of Pure Hydrogen Addition on a Compression Ignition Engine Performance and Exhaust Emissions Parameters**
Baltacıoğlu K., Arat H. T., ÖZCANLI M., AYDIN K.
International Conference on Automotive and Vehicle Technologies, İstanbul, Turkey, 16 - 18 October 2014, pp.233-242
- CXVI. **Piston Bowl Effect on Biodiesel NOx Emissions**
ÖZCANLI M., YAŞAR A., AYDIN K., SERİN H.

- Proceedings of 2014 5th International Conference on Environmental Science and Technology, Gdansk, Poland, 14 - 16 May 2014
- CXVII. **Emission Characteristics of Tea seed\soybean\cotton seed biodiesel blends**
SERİN H., AYDIN K., ÖZCANLI M., YAŞAR A.
Proceedings of 2014 5th International Conference on Environmental Science and Technology, Gdansk, Poland, 14 - 16 May 2014
- CXVIII. **Compression ratio and injection angle effect on performance and emissions of a diesel engine fuelled with rapeseed biodiesel and diesel fuel**
YAŞAR A., ÖZCANLI M., SERİN H., AYDIN K.
Proceedings of 2014 5th International Conference on Environmental Science and Technology, Gdansk, Poland, 14 - 16 May 2014
- CXIX. **Compression Ratio and Injection Angle Effect on Performance and Emissions of a Diesel Engine Fuelled with Rapeseed Biodiesel and Diesel Fuel**
YAŞAR A., ÖZCANLI M., SERİN H., AYDIN K.
3rd International Conference on Geological and Environmental Sciences, Singapur, Singapore, 14 - 16 May 2014, pp.20-24
- CXX. **Compression Ratio and Injection Angle Effect on Performance and Emissions of a Diesel Engine Fuelled with Rapeseed Biodiesel and Diesel Fuel**
YAŞAR A., ÖZCANLI M., SERİN H., AYDIN K.
3rd International Conference on Geological and Environmental Sciences, Singapur, Singapore, 14 - 16 May 2014, pp.20-24
- CXXI. **Improvement of Microalgae Biodiesel with Ricinus Communis Oil Biodiesel Addition**
TÜCCAR G., ÖZGÜR T., ÖZCANLI M., AYDIN K.
ICAMAME 2013 : International Conference on Aerospace, Mechanical, Automotive and Materials Engineering, Bali, Indonesia, 30 - 31 October 2013, pp.1579-1583
- CXXII. **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
- CXXIII. **Ağır Vasita 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
- CXXIV. **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, Slovakia, 16 - 18 May 2013, vol.24
- CXXV. **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
- CXXVI. **Experimental Investigation of Performance and Emission Changes on Diesel Engines by Using Ethyl Benzoate as Additive**
AYDIN K., SERİN H., ÖZCANLI M.
6th International Ege Energy Symposium & Exhibition (IEESE-6), İzmir, Turkey, 28 - 30 June 2012, pp.1054-1061
- CXXVII. **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
- CXXVIII. **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
- CXXIX. **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

- CXXX. **Bio-Based Additive Effect on Performance and Emission Characteristics of a Diesel Engine Fueled with Palm Oil Methyl Ester**
ÖZCANLI M., SERİN H., ÖZGÜR T., Sarıbiyık O. Y., AYDIN K.
Car 2011 International Automotive Congress, Pitesti, Romania, 2 - 04 November 2011, pp.1-10
- CXXXI. **Castor Oil Biodiesel and Its Blends as an Alternative Diesel Fuel**
SERİN H., ÖZCANLI M.
Car 2011 International Automotive Congress, Pitesti, Romania, 2 - 04 November 2011, pp.20-28
- CXXXII. **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
- CXXXIII. **Investigation of Nanoparticle Additives to Biodiesel for Improvement of the Performance and Exhaust Emissions in a Compression Ignition Engine**
ÖZGÜR T., ÖZCANLI M., AYDIN K.
International Green Energy Conference Proceedings, Eskişehir, Turkey, 5 - 09 June 2011, pp.1-9
- CXXXIV. **Investigation of Nanoparticle Additives to Biodiesel for Improvement of the Performance and Exhaust Emissions in a Compression Ignition Engine**
ÖZGÜR T., ÖZCANLI M., AYDIN K.
International Green Energy Conference Proceedings, Eskişehir, Turkey, 5 - 09 June 2011, pp.1-9
- CXXXV. **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
- CXXXVI. **Investigation of Nanoparticle Additives to Biodiesel for Improvement of the Performance and Exhaust Emissions in a Compression Ignition Engine**
ÖZGÜR T., ÖZCANLI M., AYDIN K.
International Green Energy Conference Proceedings, Eskişehir, Turkey, 5 - 09 June 2011, pp.1-9
- CXXXVII. **Nanopartikül Katkılarının Dizel Motor Yakıt Özelliklerine ve Motor Performans ve Emisyonuna Etkilerinin İncelenmesi**
ÖZGÜR T., ÖZCANLI M., SERİN H., AYDIN K.
Anadolu Enerji Sempozyumu, Elazığ, Turkey, 2 - 04 June 2011, pp.310-319
- CXXXVIII. **PERFORMANCE AND EXHAUST EMISSION STUDIES OF A COMPRESSION IGNITION ENGINE FUELED WITH WASTE CHICKEN OIL METHYL ESTER (WCOME)-DIESEL FUEL BLENDS**
ÖZCANLI M., AYDIN K., KESKİN A.
10th ASME Biennial Conference on Engineering Systems Design and Analysis, İstanbul, Turkey, 12 - 24 July 2010, pp.179-183
- CXXXIX. **Menengiç (Pistacia Terebinthus) Bitkisinden Biyodizel Eldesi, Yakıt Özellikleri ve Motorin ile Karışımlarının İncelenmesi**
ÖZCANLI M., KESKİN A., AYDIN K.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi 30. Yıl Sempozyumu, Adana, Turkey, 16 - 17 October 2008, pp.601-605
- CXL. **Kanola Biyodizeli, Etanol ve Motorin Karışımlarının Yakıt Özelliklerinin İncelenmesi**
Alakel H., DEMİRAY A., ÖZCANLI M., AYDIN K., Koç Y.
OTEKON'08 4. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 1 - 04 June 2008, pp.185-189
- CXLI. **Tavuk Yağından Biyodizel Eldesi, Yakıt Özellikleri ve Motorin ile Karışımlarının İncelenmesi**
ÖZCANLI M., KESKİN A., AYDIN K.
OTEKON'08 4. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 1 - 04 June 2008, pp.179-183
- CXLII. **Oksijenatların Benzinin Fiziksel ve Kimyasal Özellikleri Üzerine Olan Etkilerinin İncelenmesi**
YENİ U., AYDIN K., ÖZCANLI M.
VI. Ulusal Temiz Enerji Sempozyumu-UTES'2006, Isparta, Turkey, 25 - 27 May 2006, pp.716-724
- CXLIII. **Dünyada Yakıt Etanolü Kullanımı, Üretim Teknolojileri ve Bu Teknolojilerin Ülkemizdeki**

Uygulanabilirliđinin İncelenmesi

YENİ U., ÖZCANLI M., ABDULVAHİTOđLU A., ŐEKER A., AYDIN K.

Yeni ve Yenilenebilir Enerji Kaynakları Enerji Yönetimi Sempozyumu, Kayseri, Turkey, 3 - 04 June 2005, pp.441-451

CXLIV. **Ham Gliserinin Saflařtırılma Prosesi Esnasında Elde Edilen Serbest Yađ Asitlerinin Esterleřtirilmesi**
KESKİN A., ÖZCANLI M., YENİ U., ABDULVAHİTOđLU A., AYDIN K., ALTIPARMAK D.

Yeni ve Yenilenebilir Enerji Kaynakları Enerji Yönetimi Sempozyumu, Kayseri, Turkey, 3 - 04 June 2005, pp.453-457

CXLV. **Ham Gliserinin Saflařtırılma Prosesi Esnasında Elde Edilen Serbest Yađ Asitlerinin Esterleřtirilmesi**
KESKİN A., ÖZCANLI M., YENİ U., ABDULVAHİTOđLU A., AYDIN K., ALTIPARMAK D.

Yeni ve Yenilenebilir Enerji Kaynakları Enerji Yönetimi Sempozyumu, Kayseri, Turkey, 3 - 04 June 2005, pp.453-457

CXLVI. **Ülkemizdeki Kullanılmış Atık Yađı Potansiyeli, Çevreye Olan Etkileri ve Biyodizel Üretiminde Kullanılması**

KESKİN A., ÖZCANLI M., YENİ U., ABDULVAHİTOđLU A., AYDIN K., ALTIPARMAK D.

Yeni ve Yenilenebilir Enerji Kaynakları Enerji Yönetimi Sempozyumu, Kayseri, Turkey, 3 - 04 June 2005, pp.257-261

CXLVII. **Ham Gliserinin Saflařtırılma Prosesi Esnasında Elde Edilen Serbest Yađ Asitlerinin Esterleřtirilmesi**
KESKİN A., ÖZCANLI M., YENİ U., AYDIN K., ABDULVAHİTOđLU A., ALTIPARMAK D.

Yeni ve Yenilenebilir Enerji Kaynakları Enerji Yönetimi Sempozyumu, Kayseri, Turkey, 3 - 04 June 2004, pp.453-457

CXLVIII. **Dizel Motorlarda Manyetik Alan Cihazının Motor Performansı ve Yakıt Ekonomisine Etkisi**

AYDIN K., Bulca A., ÖZCANLI M., Yücel H., Balo F.

VIII. Otomotiv ve Yan Sanayi Sempozyumu, Bursa, Turkey, 17 - 18 October 2003, pp.138-144

Other Publications

I. **Preface to the special issue section on ?International Mediterranean Science and Engineering Congress (IMSEC 2017), 25?27 October 2017, Adana, Turkey?**

ÖZCANLI M., SERİN H., ÇALIK A.

Other, pp.17969, 2018

II. **Preface to the special issue section on "The 1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26-28 October 2016, Adana, Turkey**

ÖZCANLI M., SERİN H.

Other, pp.23243, 2017

Supported Projects

ÖZCANLI M., TOSUN E., Project Supported by Higher Education Institutions, Combined Effects of Nanoparticle and Hydrogen Additives on Biodiesel Fueled Diesel Engine, 2020 - 2022

ÖZCANLI M., KARAÇOR B., Project Supported by Higher Education Institutions, Investigation of Advanced High Strength Steel Usage as Chassis Material in Automotive Industry, 2019 - 2020

AKAR M. A., SERİN H., YILDIZHAN Ő., BAŐ O., ÖZCANLI M., Project Supported by Higher Education Institutions, Farklı yük ve sıkıřtırma oranları altında hidrojen ile zenginleřtirilmiş benzinli motorda farklı tip ateřleme bujilerinin motor performans ve emisyon deđerlerine etkisi, 2018 - 2020

ÖZCANLI M., ÖZGÜR T., Project Supported by Higher Education Institutions, Design and Development of Formula Student Race Car, 2017 - 2019

AKAR M. A., BAŐ O., ÖZCANLI M., KESKİN A., SERİN H., Project Supported by Higher Education Institutions, A review on performance and emission characteristics of biodiesel produced from animal fat, 2017 - 2017

ÖZCANLI M., Project Supported by Higher Education Institutions, Energy and energy analysis of biodiesel, 2017 - 2017
SERİN H., ÖZCANLI M., AKAR M. A., ÇALIK A., Project Supported by Higher Education Institutions, 2st International Mediterranean Science and Engineering Congress IMSEC 2017, 2017 - 2017
ÖZCANLI M., DEDE G., Project Supported by Higher Education Institutions, Atık Yağlardan Edilen Biyodizel Yakıtların Sıkıştırma Oranı Değiştirilebilir Bir Motorda Performans ve Emisyonlarının İncelenmesi, 2016 - 2017
ÖZCANLI M., Project Supported by Higher Education Institutions, Theoretical determination of maximum biodiesel blend ratios according to kinematic viscosity values, 2016 - 2016
ÖZCANLI M., Project Supported by Higher Education Institutions, Variable Compression Ratio Effect on Noise and Vibration Characteristics of a Diesel Engine Fuelled with Castor Oil Biodiesel, 2015 - 2016
AYDIN K., Ün Ç., SERİN H., Project Supported by Higher Education Institutions, Rehabilitation Studies of Old Landfill Area in Adana, Turkey, 2015 - 2016
ÖZCANLI M., Project Supported by Higher Education Institutions, Alkol-Biyodizel-Motorin Karışımlarının Dizel Motorlarda Performans ve Emisyonlara Etkisinin İncelenmesi, 2015 - 2016
AYDIN K., ÖZCANLI M., TUBITAK Project, Hidroksi Gaz ile Zenginleştirilmiş Doğalgazın Pilot Püskürtmeli Dizel Motorlarda Performans ve Emisyonlara Olan Etkilerinin Araştırılması, 2014 - 2016
SERİN H., ÖZCANLI M., YILDIZHAN Ş., Project Supported by Higher Education Institutions, Emissions of a Diesel Engine Fueled with False Flax Biodiesel - Diesel Fuel Blends, 2015 - 2015
ÖZCANLI M., BURGAÇ A., Project Supported by Higher Education Institutions, Investigation of Performance and Emission Characteristics of Composite Biodiesels in Compression Ignition Engines, 2014 - 2015
ÖZCANLI M., Project Supported by Higher Education Institutions, Light And Heavy Phases Derived From Waste Polyethylene By Thermal Cracking And Their Usage As Fuel In Di Diesel Engine, 2014 - 2015
ÖZCANLI M., Project Supported by Higher Education Institutions, Effect Of Foam Application In Bus Structure For Conservation Of Residual Space During Rollovers, 2014 - 2015
ÖZCANLI M., Project Supported by Higher Education Institutions, Alternatif Yakıtla Dizel Motorlarda Piston Kafası Geometrisi ve Püskürtme Açılarının Performans ve Emisyonlara Etkisinin Teorik Olarak İncelenmesi, 2013 - 2014

Activities in Scientific Journals

European Mechanical Science, First Editor, 2017 - Continues
International Journal of Mechanical and Production Engineering Research and Development , Committee Member, 2012 - Continues
International Journal of Hydrogen Energy, Special Issue Editor, 2018 - 2018
International Journal of Hydrogen Energy, Special Issue Editor, 2016 - 2017

Memberships / Tasks in Scientific Organizations

Makine Mühendisleri Odası, Member, 2000 - Continues

Peer Reviews in Scientific Publications

Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, SCI Journal, September 2018
Fuel, SCI Journal, September 2015
Journal of the Energy Institute, SCI Journal, September 2015
Fuel, SCI Journal, February 2015
International Journal of Green Energy, SCI Journal, March 2014
International Journal of Green Energy, SCI Journal, December 2013
Proc. IMechE, Part D: Journal of Automobile Engineering, SCI Journal, December 2013
International Journal of Green Energy, SCI Journal, November 2013

Environmental Science & Technology, SCI Journal, January 2013
International Journal of Green Energy, SCI Journal, January 2013
Fuel, SCI Journal, November 2012
International Journal of Green Energy, SCI Journal, September 2012
International Journal of Green Energy, SCI Journal, August 2012
International Journal of Green Energy, SCI Journal, July 2012
International Journal of Green Energy, SCI Journal, March 2012
International Journal of Green Energy, SCI Journal, January 2012
International Journal of Green Energy, SCI Journal, December 2011
International Journal of Green Energy, SCI Journal, November 2011
International Journal of Green Energy, SCI Journal, September 2011
International Journal of Green Energy, SCI Journal, August 2011
International Journal of Green Energy, National Scientific Refreed Journal, July 2011

Metrics

Publication: 250
Citation (WoS): 1231
Citation (Scopus): 1447
H-Index (WoS): 24
H-Index (Scopus): 24

Congress and Symposium Activities

EUROPEAN BIOTECHNOLOGY CONGRESS 2018, Attendee, Athens, Greece, 2018
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Attendee, Adana, Turkey, 2017
International MacroTrends Conference on Medicine, Science, and Technology - Nice 2016, Attendee, Nice, France, 2016
EUROPEAN BIOTECHNOLOGY CONGRESS 2016`, Attendee, Rîga, Latvia, 2016
EUROPEAN BIOTECHNOLOGY CONGRESS 2015, Attendee, Bucuresti, Romania, 2015
European Biotechnology Congress, Attendee, Bratislava, Slovakia, 2013
6. International Ege Energy Symposium ? Exhibition, Attendee, İzmir, Turkey, 2012
CAR 2011 THE International Congress on Automotive, Attendee, Pitesti, Turkey, 2011
6th International Green Energy Conference, Attendee, Eskişehir, Turkey, 2011
10th Biennial Conference on Engineering Systems Design and Analysis, ESDA2010, Attendee, İstanbul, Turkey, 2010