

Prof. MUSTAFA ÖZCANLI

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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

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

Cukurova University, Mühendislik Mimarlık Fakültesi, Otomotiv Mühendisliği Bölümü, 2013 - 2016

Courses

Introduction to Combustion, Undergraduate, 2019 - 2020
Internal Combustion Engines, Undergraduate, 2019 - 2020
Emissions and Exhaust Control, Postgraduate, 2013 - 2014
New Developments in Automotive Technology, Postgraduate, 2013 - 2014
Automotive Fuels And Lubricants, Undergraduate, 2013 - 2014

Advising 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. **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)
- II. **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)
- III. **Hybrid jute/carbon fiber composites: optimum post-curing time**
Karaçor B., Özcanlı M., Kumlu U.
IRANIAN POLYMER JOURNAL (ENGLISH EDITION), vol.32, pp.1443-1454, 2023 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)

- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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., Çalik A., YILDIRIM S., SERİN H., ÖZCANLI M.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.36, pp.23352-23360, 2017 (SCI-Expanded)
- XVII. **Using HHO (Hydroxy) and hydrogen enriched castor oil biodiesel in compression ignition engine**
ÖZCANLI M., AKAR M. A., Çalik A., SERİN H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.36, pp.23366-23372, 2017 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)

- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)

- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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. **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)
- II. **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)
- III. **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)
- IV. **Examination of Fiber Reinforced Composite Materials**
Karaçor B., Özcanlı M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.36, no.1, pp.301-320, 2023 (Scopus)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)

- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- 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.
EUROPEAN MECHANICAL SCIENCE, vol.1, no.1, pp.15-23, 2017 (Peer-Reviewed Journal)
- XXVI. **Comparative analysis of various modelling techniques for emission prediction of diesel engine fueled by diesel fuel with nanoparticle additives**
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EUROPEAN MECHANICAL SCIENCE, vol.1, no.1, pp.15-23, 2017 (Peer-Reviewed Journal)
- XXVII. **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)
- XXVIII. **Comparative Analysis of Various Modelling Techniques for Emission Prediction of Diesel Engine Fueled by Diesel Fuel with Nanoparticle Additives**
TOSUN E., ÖZGÜR T., ÖZGÜR C., ÖZCANLI M., SERİN H., AYDIN K.
EUROPEAN MECHANICAL SCIENCE, vol.1, pp.15-23, 2017 (Peer-Reviewed Journal)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **Vibration Analysis of a Diesel Engine Fuelled with Sunflower and Canola Biodiesels**
ULUDAMAR E., TÜCCAR G., AYDIN K., ÖZCANLI M.
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- XXXIII. **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)
- XXXIV. **Determination of the Impacts of Nanoparticle Additives into Diesel Fuel on NO_x Emission Characteristics of a Heavy Duty Diesel Engine**
ÖZGÜR C., ÖZGÜR T., ÖZCANLI M., AYDIN K.
Applied Mechanics and Materials, vol.799-800, pp.857-860, 2015 (Peer-Reviewed Journal)
- XXXV. **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)
- XXXVI. **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)

XXXVII. **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)

XXXVIII. **Butanol, Etanol ve Benzin Karışımlarının Buji ile Ateşlemeli Motorlarda Özgül Yakıt Tüketim ve Emisyona Etkisi**

Keskin A., Reşitoğlu İ., ÖZCANLI M.

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XXXIX. **Etil ve Metil Alkolün Bir Benzinli Motorda Alternatif Yakıt Olarak Kullanımının Motor Titreşimine Olan Etkisinin Frekans Analiz Yöntemi İle Araştırılması**

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