

Doç.Dr. MURAT KADİR YEŞİLYURT

Kişisel Bilgiler

E-posta: kadir.yesilyurt@bozok.edu.tr

Web: <https://avesis.bozok.edu.tr/kadir.yesilyurt>

Uluslararası Araştırmacı ID'leri

ScholarID: gIMMMKYAAAAJ

ORCID: 0000-0003-0870-7564

Publons / Web Of Science ResearcherID: AAZ-8874-2020

ScopusID: 56662071000

Yoksis Araştırmacı ID: 26303

Eğitim Bilgileri

Doktora, Yozgat Bozok Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Türkiye 2013 - 2017

Yüksek Lisans, Kırıkkale Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Yıl) (Tezli), Türkiye 2011 - 2013

Lisans, Çukurova Üniversitesi, Mühendislik Fakültesi, Makina Müh., Türkiye 2007 - 2011

Yaptığı Tezler

Doktora, Biyodizel-dizel yakıt karışımılarına farklı alkol ilavelerinin dizel motorlarda performans, yanma ve emisyon karakteristiklerine etkilerinin incelenmesi, Yozgat Bozok Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), 2017

Yüksek Lisans, Expanded polystyrene styrofoam (EPS) ısı yalıtılmalzemelerinde gözenekliliğin ısı iletkenliğine etkisinin deneysel ve sayısal incelenmesi, Kırıkkale Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Yıl) (Tezli), 2013

Araştırma Alanları

Makina Mühendisliği, Enerji, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Doç.Dr., Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2021 - Devam Ediyor

Akademik İdari Deneyim

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Yozgat Bozok Üniversitesi, Rektörlük, 2022 - Devam Ediyor
İş Sağlığı ve Güvenliği Komisyonu Başkan Yardımcısı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2022 - Devam Ediyor

Fakülte Yönetim Kurulu Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2022 - Devam Ediyor

Fakülte Disiplin Kurulu Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2022 - Devam Ediyor

Koordinasyon Komisyonu Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2022 - Devam Ediyor

Anabilim/Bilim Dalı Başkanı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2022 - Devam Ediyor

Eğitim-Öğretim Komisyonu Üyesi, Yozgat Bozok Üniversitesi, Rektörlük, 2022 - Devam Ediyor

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Yozgat Bozok Üniversitesi, Rektörlük, 2021 - Devam Ediyor

Birim Sınav Temsilcisi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2021 - Devam Ediyor

UZEM Birim Koordinatörü, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2021 - Devam Ediyor

Fakülte Kısmı Zamanlı Öğrenci Belirleme Komisyonu Başkanı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2021 - Devam Ediyor

Fakülte Burs Komisyonu Başkanı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2021 - Devam Ediyor

Koronavirüs Salgını Danışma Komisyonu, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2021 - Devam Ediyor

Dekan Yardımcısı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2021 - Devam Ediyor

Fakülte Kurulu Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2021 - Devam Ediyor

Muafiyet ve İntibak Komisyonu Başkanı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2021 - Devam Ediyor

Eğitim-Öğretim Komisyonu Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2021 - Devam Ediyor

Bölüm Kalite Komisyonu Başkanı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2020 - 2022

Birim Kalite Komisyonu Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, 2018 - 2022

İntibak ve Muafiyet Komisyonu Başkanı, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2017 - 2022

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, 2021 - 2021

Eğitim-Öğretim Komisyon Üyesi, Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Biyosistem Mühendisliği, 2015 - 2016

Değişim Prog. Koordinatör Yrd., Yozgat Bozok Üniversitesi, Mühendislik-Mimarlık Fakültesi, Biyosistem Mühendisliği, 2015 - 2016

Verdiği Dersler

PİSTONLU MOTORLARDA YANMA, Yüksek Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018

YENİLENEBİLİR ENERJİ TEKNOLOJİLERİ, Yüksek Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018

UZMANLIK ALAN DERSİ I, Yüksek Lisans, 2019 - 2020

YAKITLAR VE YANMA, Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018

UZMANLIK ALAN DERSİ II, Yüksek Lisans, 2019 - 2020, 2018 - 2019

BİTİRME PROJESİ, Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018

TEZ ÇALIŞMASI, Yüksek Lisans, 2019 - 2020

MAK. MÜH. UYG. PROJE, Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018

MOTORLAR, Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018

SEMİNER, Doktora, 2018 - 2019

SEMİNER, Yüksek Lisans, 2018 - 2019

MATEMATİK-1, Lisans, 2017 - 2018

MATEMATİK-2, Lisans, 2017 - 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Effects of compression ratio on thermodynamic and sustainability parameters of a diesel engine fueled with methanol/diesel fuel blends containing 1-pentanol as a co-solvent

- Yaman H., YEŞİLYURT M. K., Raja Ahsan Shah R. M., Soyhan H. S.
Fuel, cilt.357, 2024 (SCI-Expanded)
- II. An overview concerning the utilization of fusel oil as an alternative fuel in the engine applications
DOĞAN B., YEŞİLYURT M. K., Atak N. N.
Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2024 (SCI-Expanded)
- III. Solar energy-assisted hydrogen production and its utilization in a hybrid fuel cell system: a planning for different regions of Türkiye
Atak N. N., DOĞAN B., YEŞİLYURT M. K.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, cilt.46, sa.1, ss.5219-5235, 2024 (SCI-Expanded)
- IV. The effect of membrane thickness on the exergetic performance in PEMFC
Atak N. N., Erdem Z., Tuna Ş., DOĞAN B., YEŞİLYURT M. K.
International Journal of Exergy, cilt.43, sa.2, ss.163-176, 2024 (SCI-Expanded)
- V. The effects of the usage of silicon dioxide (SiO₂) and titanium dioxide (TiO₂) as nano-sized fuel additives on the engine characteristics in diesel engines: a review
Ghanati S. G., DOĞAN B., YEŞİLYURT M. K.
Biofuels, cilt.15, sa.2, ss.229-243, 2024 (SCI-Expanded)
- VI. Developments in the RCCI engines powered by several alternative fuel types: An overview
Korkmaz S., Yaman H., YEŞİLYURT M. K.
Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2024 (SCI-Expanded)
- VII. Investigation of the performance parameters for a PEMFC by thermodynamic analyses: Effects of operating temperature and pressure
Atak N. N., DOĞAN B., YEŞİLYURT M. K.
Energy, cilt.282, 2023 (SCI-Expanded)
- VIII. The effects of different channel geometries in the displacer cylinder, working fluids, and engine speed on the energy and exergy performance characteristics of a β-type Stirling engine with a slider-crank drive mechanism
DOĞAN B., Erol D., YEŞİLYURT M. K., Yaman H.
International Journal of Engine Research, cilt.24, sa.9, ss.4008-4020, 2023 (SCI-Expanded)
- IX. Modeling of a port fuel injection spark-ignition engine with different compression ratios using methanol blends with the response surface methodology
Yeşilyurt M. K., Uslu S., Yaman H.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, cilt.237, sa.3, ss.936-944, 2023 (SCI-Expanded)
- X. Evaluation of the use of diesel-biodiesel-hexanol fuel blends in diesel engines with exergy analysis and sustainability index
Erol D., Kadir Yeşilyurt M. K., Yaman H., DOĞAN B.
Fuel, cilt.337, 2023 (SCI-Expanded)
- XI. Research on the usability of various oxygenated fuel additives in a spark-ignition engine considering thermodynamic and economic analyses
YEŞİLYURT M. K., DOĞAN B., Cakmak A.
Biofuels, cilt.14, sa.9, ss.933-949, 2023 (SCI-Expanded)
- XII. Determination of engine performance and harmful pollutants of a spark-ignition engine fueled with higher-order alcohol/gasoline blends by engine simulation
Gholami Ghanati S., DOĞAN B., YEŞİLYURT M. K., Yaman H.
Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2023 (SCI-Expanded)
- XIII. A statistical optimization attempt by applying the Taguchi technique for the optimum transesterification process parameters in the production of biodiesel from Papaver somniferum L.

seed oil

YEŞİLYURT M. K., Cesur C.

FUEL, cilt.329, 2022 (SCI-Expanded)

- XIV. **Effects of using ethyl acetate as a surprising additive in SI engine pertaining to an environmental perspective**
Yeşilyurt M. K., Erol D., Yaman H., Dogan B.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, cilt.19, sa.10, ss.9427-9456, 2022 (SCI-Expanded)
- XV. **The experimental investigation on the impact of n-octanol in the compression-ignition engine operating with biodiesel/diesel fuel blends: exergy, exergoeconomic, environmental analyses**
Çakmak A., YEŞİLYURT M. K., Erol D., DOĞAN B.
Journal of Thermal Analysis and Calorimetry, cilt.147, sa.20, ss.11231-11259, 2022 (SCI-Expanded)
- XVI. **An experimental assessment on dual fuel engine behavior powered by waste tire-derived pyrolysis oil - biogas blends**
Karagoz M., Polat F., Sarıdemir S., Yeşilyurt M. K., Agbulut U.
FUEL PROCESSING TECHNOLOGY, cilt.229, 2022 (SCI-Expanded)
- XVII. **Experimental assessment of the influences of liquid-solid-gas fuel blends on DI-CI engine behaviors**
Polat F., Yeşilyurt M. K., Ağbulut Ü., Karagöz M., Sarıdemir S.
Process Safety and Environmental Protection, cilt.159, ss.511-524, 2022 (SCI-Expanded)
- XVIII. **Comprehensive investigation of using n-butanol/gasoline blends in a port-fuel injection spark-ignition engine**
Yeşilyurt M. K., Yaman H.
INTERNATIONAL JOURNAL OF EXERGY, cilt.37, sa.1, ss.1-23, 2022 (SCI-Expanded)
- XIX. **Simultaneous optimization of multiple engine parameters of a 1-heptanol / gasoline fuel blends operated a port-fuel injection spark- ignition engine using response surface methodology approach**
Yaman H., Yeşilyurt M. K., Uslu S.
ENERGY, cilt.238, 2022 (SCI-Expanded)
- XX. **The industrial-grade hemp (*Cannabis sativa L.*) seed oil biodiesel application in a diesel engine: combustion, harmful pollutants, and performance characteristics**
Yılbaşı Z., Yesilyurt M. K., Yaman H., Arslan M.
Science and Technology for Energy Transition, cilt.77, sa.15, ss.1-36, 2022 (SCI-Expanded)
- XXI. **Impact prediction model of acetone at various ignition advance by artificial neural network and response surface methodology techniques for spark ignition engine**
Uslu S., YEŞİLYURT M. K., Yaman H.
Science and Technology for Energy Transition (STET), cilt.77, 2022 (SCI-Expanded)
- XXII. **The assessment of fusel oil in a compression-ignition engine in the perspective of the waste to energy concept: investigation of the performance, emissions, and combustion characteristics**
EROL D., YAMAN H., DOĞAN B., YEŞİLYURT M. K.
BIOFUELS-UK, cilt.13, sa.10, ss.1147-1164, 2022 (SCI-Expanded)
- XXIII. **The influence of n-pentanol blending with gasoline on performance, combustion, and emission behaviors of an SI engine**
Yaman H., YEŞİLYURT M. K.
Engineering Science and Technology, an International Journal, cilt.24, ss.1329-1346, 2021 (SCI-Expanded)
- XXIV. **Optimization of Parameters Affecting the Performance and Emissions of a Spark Ignition Engine Fueled with n-Pentanol/Gasoline Blends Using Taguchi Method**
Uslu S., YAMAN H., Yesilyurt M. K.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.46, sa.12, ss.11711-11724, 2021 (SCI-Expanded)
- XXV. **Application of Higher-Order Alcohols (1-Hexanol-C6 and 1-Heptanol-C7) in a Spark-Ignition Engine: Analysis and Assessment**
YAMAN H., DOĞAN B., Yesilyurt M. K., EROL D.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.46, sa.12, ss.11937-11961, 2021 (SCI-Expanded)

- XXVI. An extensive investigation of utilization of a C8 type long-chain alcohol as a sustainable next-generation biofuel and diesel fuel blends in a CI engine - The effects of alcohol infusion ratio on the performance, exhaust emissions, and combustion characteristics
Yeşilyurt M. K., Cakmak A.
FUEL, cilt.305, 2021 (SCI-Expanded)
- XXVII. Wastes to energy: Improving the poor properties of waste tire pyrolysis oil with waste cooking oil methyl ester and waste fusel alcohol-A detailed assessment on the combustion, emission, and performance characteristics of a CI engine
Agbulut U., YEŞİLYURT M. K., SARIDEMİR S.
ENERGY, cilt.222, 2021 (SCI-Expanded)
- XXVIII. The examination of a compression-ignition engine powered by peanut oil biodiesel and diesel fuel in terms of energetic and exergetic performance parameters
YEŞİLYURT M. K.
FUEL, cilt.278, 2020 (SCI-Expanded)
- XXIX. Investigation on 1-heptanol as an oxygenated additive with diesel fuel for compression-ignition engine applications: An approach in terms of energy, exergy, exergoeconomic, enviroeconomic, and sustainability analyses
Dogan B., Cakmak A., YEŞİLYURT M. K., EROL D.
FUEL, cilt.275, 2020 (SCI-Expanded)
- XXX. A detailed investigation on the performance, combustion, and exhaust emission characteristics of a diesel engine running on the blend of diesel fuel, biodiesel and 1-heptanol (C7 alcohol) as a next-generation higher alcohol
YEŞİLYURT M. K.
FUEL, cilt.275, 2020 (SCI-Expanded)
- XXXI. Investigation on the structural effects of the addition of alcohols having various chain lengths into the vegetable oil-biodiesel-diesel fuel blends: An attempt for improving the performance, combustion, and exhaust emission characteristics of a compression ignition engine
YEŞİLYURT M. K., Aydin M., YILBAŞI Z., ARSLAN M.
FUEL, cilt.269, 2020 (SCI-Expanded)
- XXXII. The performance, emissions, and combustion characteristics of an unmodified diesel engine running on the ternary blends of pentanol/safflower oil biodiesel/diesel fuel
Yeşilyurt M. K., Yilbaşı Z., Aydin M.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.140, sa.6, ss.2903-2942, 2020 (SCI-Expanded)
- XXXIII. Biodiesel synthesis from *Styrax officinalis* L. seed oil as a novel and potential non-edible feedstock: A parametric optimization study through the Taguchi technique
YEŞİLYURT M. K., Cesur C.
FUEL, cilt.265, 2020 (SCI-Expanded)
- XXXIV. The modeling and analysis of transesterification reaction conditions in the selection of optimal biodiesel yield and viscosity
GÜLÜM M., YEŞİLYURT M. K., Bilgin A.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, cilt.27, sa.10, ss.10351-10366, 2020 (SCI-Expanded)
- XXXV. The production of biodiesel from safflower (*Carthamus tinctorius* L.) oil as a potential feedstock and its usage in compression ignition engine: A comprehensive review
Yeşilyurt M. K., Cesur C., Aslan V., Yilbaşı Z.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, cilt.119, 2020 (SCI-Expanded)
- XXXVI. Experimental investigation on the performance, combustion and exhaust emission characteristics of a compression-ignition engine fueled with cottonseed oil biodiesel/diethyl ether/diesel fuel blends
YEŞİLYURT M. K., Aydin M.
ENERGY CONVERSION AND MANAGEMENT, cilt.205, 2020 (SCI-Expanded)
- XXXVII. The performance assessment of cubic spline interpolation and response surface methodology in the mathematical modeling to optimize biodiesel production from waste cooking oil

- GÜLÜM M., YEŞİLYURT M. K., Bilgin A.
FUEL, cilt.255, 2019 (SCI-Expanded)
- XXXVIII. **The effects of the fuel injection pressure on the performance and emission characteristics of a diesel engine fuelled with waste cooking oil biodiesel-diesel blends**
YEŞİLYURT M. K.
RENEWABLE ENERGY, cilt.132, ss.649-666, 2019 (SCI-Expanded)
- XXXIX. **Application of response surface methodology for the optimization of biodiesel production from yellow mustard (*Sinapis alba L.*) seed oil**
YEŞİLYURT M. K., Arslan M., ERYILMAZ T.
International Journal of Green Energy, cilt.16, sa.1, ss.60-71, 2019 (SCI-Expanded)
- XL. **Analysis of the fuel injection pressure effects on energy and exergy efficiencies of a diesel engine operating with biodiesel**
YEŞİLYURT M. K., Arslan M.
Biofuels, cilt.10, sa.5, ss.643-655, 2019 (SCI-Expanded)
- XLI. **A comparative analysis of the engine performance, exhaust emissions and combustion behaviors of a compression ignition engine fuelled with biodiesel/diesel/1-butanol (C4 alcohol) and biodiesel/diesel/n-pentanol (C5 alcohol) fuel blends**
YEŞİLYURT M. K., ERYILMAZ T., ARSLAN M.
ENERGY, cilt.165, ss.1332-1351, 2018 (SCI-Expanded)
- XLII. **The evaluation of a direct injection diesel engine operating with waste cooking oil biodiesel in point of the environmental and enviroeconomic aspects**
YEŞİLYURT M. K.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, cilt.40, sa.6, ss.654-661, 2018 (SCI-Expanded)
- XLIII. **EXPERIMENTAL INVESTIGATION OF THE EFFECTS OF ETHANOL ADDITION INTO BIODIESEL-DIESEL FUEL BLENDS ON THE PERFORMANCE, COMBUSTION AND EMISSION CHARACTERISTICS**
YEŞİLYURT M. K., ARSLAN M., ERYILMAZ T.
ISI BİLİMI VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, cilt.38, sa.2, ss.129-150, 2018 (SCI-Expanded)
- XLIV. **PROCESS OPTIMIZATION FOR BIODIESEL PRODUCTION FROM NEUTRALIZED WASTE COOKING OIL AND THE EFFECT OF THIS BIODIESEL ON ENGINE PERFORMANCE**
ERYILMAZ T., AKSOY F., AKSOY L., BAYRAKÇEKEN H., AYSAL F. E., ŞAHİN S., YEŞİLYURT M. K.
CT&F-CIENCIA TECNOLOGIA Y FUTURO, cilt.8, sa.1, ss.121-127, 2018 (SCI-Expanded)
- XLV. **Comparison of Empirical Equations and Artificial Neural Network Results in Terms of Kinematic Viscosity Prediction of Fuels Based on Hazelnut Oil Methyl Ester**
ERYILMAZ T., ARSLAN M., YEŞİLYURT M. K., TANER A.
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, cilt.35, sa.6, ss.1827-1841, 2016 (SCI-Expanded)
- XLVI. **Influence of blending ratio on the physicochemical properties of safflower oil methyl ester-safflower oil, safflower oil methyl ester-diesel and safflower oil-diesel**
ERYILMAZ T., YEŞİLYURT M. K.
RENEWABLE ENERGY, cilt.95, ss.233-247, 2016 (SCI-Expanded)
- XLVII. **Biodiesel production potential from oil seeds in Turkey**
ERYILMAZ T., YEŞİLYURT M. K., Cesur C., GÖKDOĞAN O.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, cilt.58, ss.842-851, 2016 (SCI-Expanded)
- XLVIII. **Prediction of Kinematic Viscosities of Biodiesels Derived from Edible and Non-edible Vegetable Oils by Using Artificial Neural Networks**
ERYILMAZ T., YEŞİLYURT M. K., TANER A., Celik S. A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.40, sa.12, ss.3745-3758, 2015 (SCI-Expanded)
- XLIX. **PREDICTION OF DENSITY OF WASTE COOKING OIL BIODIESEL USING ARTIFICIAL NEURAL NETWORKS**
ERYILMAZ T., YEŞİLYURT M. K., GÖKDOĞAN O.

- FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, ss.1862-1870, 2015 (SCI-Expanded)
- L. INVESTIGATION OF THE EFFECT OF BLENDING RATIO AND TEMPERATURE ON THE KINEMATIC VISCOSITY AND SPECIFIC GRAVITY OF WASTE COOKING OIL BIODIESEL
ERYILMAZ T., YEŞİLYURT M. K.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, ss.1523-1529, 2015 (SCI-Expanded)
- LI. THERMOPHYSICAL PROPERTIES OF CASTOR OIL (RICINUS COMMUNIS L.) BIODIESEL AND ITS BLENDS
GÖKDOĞAN O., ERYILMAZ T., YEŞİLYURT M. K.
CT&F-CIENCIA TECNOLOGIA Y FUTURO, cilt.6, sa.1, ss.95-128, 2015 (SCI-Expanded)
- LII. INVESTIGATION OF TEMPERATURE-DEPENDENT KINEMATIC VISCOSITY VARIATIONS OF NEUTRALIZED WASTE COOKING OIL BIODIESEL AND ITS BLENDS
ERYILMAZ T., YEŞİLYURT M. K.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, ss.1016-1024, 2015 (SCI-Expanded)
- LIII. COMPARATIVE ANALYSIS OF FUEL PROPERTIES OF BIODIESELS DERIVED FROM SUNFLOWER OIL, WASTE SUNFLOWER OIL AND NEUTRALIZED WASTE SUNFLOWER OIL
ERYILMAZ T., YEŞİLYURT M. K.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, sa.10, ss.3197-3204, 2015 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. Biodiesel production from hempseed (*Cannabis sativa L.*) oil: Providing optimum conditions by response surface methodology
Yazılıtaş C., Yilbaşı Z., Yeşilyurt M. K.
Science and Technology for Energy Transition (STET), cilt.79, 2024 (Scopus)
- II. Investigation of the behaviors of higher alcohols in a spark-ignition engine as an oxygenated fuel additive in energy, exergy, economic, and environmental terms
Demirbas M., YEŞİLYURT M. K.
Journal of Thermal Analysis and Calorimetry, cilt.148, sa.10, ss.4427-4462, 2023 (Scopus)
- III. Understanding the performance, emissions, and combustion behaviors of a DI diesel engine using alcohol/hemp seed oil biodiesel/diesel fuel ternary blends: Influence of long-chain alcohol type and concentration
Yilbaşı Z., Yeşilyurt M. K., Arslan M., Yaman H.
Science and Technology for Energy Transition (STET), cilt.78, sa.1, 2023 (Scopus)
- IV. Energy, exergy, sustainability, and economic analyses of a grid-connected solar power plant consisting of bifacial PV modules with solar tracking system on a single axis
ÖZTÜRK A. M., DOĞAN B., YEŞİLYURT M. K.
Science and Technology for Energy Transition (STET), cilt.78, 2023 (Scopus)
- V. Improving the Running Conditions of Diesel Engine with Grape Seed Oil Additives by Response Surface Design
USLU S., YEŞİLYURT M. K.
International Journal of Automotive Science And Technology, cilt.4, sa.3, ss.185-192, 2020 (Hakemli Dergi)
- VI. Dizel yakıtına farklı ağır alkoller (1-Bütanol, 1-Pentanol ve 1-Hekzanol) ilave edilmesinin tek silindirli bir dizel motorunun performans, yanma ve egzoz emisyon karakteristiklerine etkileri
YEŞİLYURT M. K.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, cilt.12, sa.2, ss.397-426, 2020 (Hakemli Dergi)
- VII. Experimental assessment of a CI engine operating with 1-pentanol/diesel fuel blends
YEŞİLYURT M. K., DOĞAN B., EROL D.
International Journal of Automotive Science And Technology, cilt.4, sa.2, ss.70-89, 2020 (Hakemli Dergi)
- VIII. A Study Toward Analyzing the Energy, Exergy and Sustainability Index Based on Performance and Exhaust Emission Characteristics of a Spark-Ignition Engine Fuelled with the Binary Blends of

- Gasoline and Methanol or Ethanol**
 DOĞAN B., YEŞİLYURT M. K., EROL D., ÇAKMAK A.
 Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, cilt.12, sa.2, ss.529-548, 2020 (Hakemli Dergi)
- IX. An Experimental Study On The Performance And Exhaust Emission Characteristics Of A CI Engine Powered By Alcohol/Biodiesel/Diesel Fuel Blends Containing Different Types Of Alcohol (Isopropanol-C3, 1-Butanol-C4, And Isopentanol-C5)**
 YEŞİLYURT M. K.
 Hittite Journal of Science Engineering, cilt.7, sa.2, ss.135-148, 2020 (Hakemli Dergi)
- X. Determination of biogas potential from animal waste in Turkey: A case study for Yozgat province**
 ERYILMAZ T., YEŞİLYURT M. K., GÖKDOĞAN O., YUMAK B.
 European Journal of Science and Technology, cilt.2, sa.4, ss.106-111, 2015 (Hakemli Dergi)
- XI. Determination of Energy Use Efficiency of Nigella sativa L. (Black Seed) Oil Production**
 GÖKDOĞAN O., ERYILMAZ T., YEŞİLYURT M. K.
 American-Eurasian J. Agric. Environ. Sci., cilt.15, sa.1, ss.1-7, 2015 (Hakemli Dergi)
- XII. Yozgat ilinin tarımsal mekanizasyon durumunun incelenmesi**
 ERYILMAZ T., GÖKDOĞAN O., YEŞİLYURT M. K.
 Türk Tarım ve Doğa Bilimleri Dergisi, cilt.1, sa.2, ss.262-268, 2014 (Hakemli Dergi)
- XIII. Determination of the fuel properties of cottonseed oil methyl ester and its blends with diesel fuel**
 ERYILMAZ T., YEŞİLYURT M. K., YUMAK H., ARSLAN M., ŞAHİN S.
 International Journal of Automotive Engineering and Technologies, cilt.3, sa.2, ss.79-90, 2014 (Hakemli Dergi)
- XIV. The effects of biodiesel on the environment**
 SAVCI S., ERYILMAZ T., YEŞİLYURT M. K.
 Journal of Selçuk University Natural and Applied Science, ss.635-646, 2014 (Hakemli Dergi)
- XV. Fuel Properties of Biodiesel Produced from Balci Variety Oil of Safflower (*Carthamus tinctorius* L.)**
 ERYILMAZ T., CESUR C., YEŞİLYURT M. K., AYDIN E.
 International Journal of Automotive Engineering and Technologies, cilt.3, sa.2, ss.74-78, 2014 (Hakemli Dergi)
- XVI. Yozgat İli Şartlarında Yetişirilen Aspir *Carthamus tinctorius* L Dinçer Çeşidinden Üretilen Biyodizelin Yakıt Özelliklerinin Belirlenmesi**
 ERYILMAZ T., YEŞİLYURT M. K., CESUR C., YUMAK H., YURTERİ E., ÇELİK S. A., YILDIZ A. K.
 Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi (Journal of Agricultural Faculty of Gaziosmanpasa University), cilt.31, sa.1, ss.63-72, 2014 (Hakemli Dergi)
- XVII. Aspir (*Carthamus tinctorius* L.), Remzibey-05 Tohum Yağı Metil Esteri: Potansiyel Dizel Motor Uygulamaları için Yakıt Özellikleri**
 ERYILMAZ T., CESUR C., YEŞİLYURT M. K., AYDIN E.
 Türk Tarım ve Doğa Bilimleri Dergisi, cilt.1, sa.1, ss.85-90, 2014 (Hakemli Dergi)
- XVIII. Nevşehir ilinin tarımsal mekanizasyon özellikleri**
 ERYILMAZ T., GÖKDOĞAN O., YEŞİLYURT M. K., ERCAN K.
 Adnan Menderes Üniversitesi Ziraat Fakültesi Dergisi, cilt.10, sa.2, ss.1-6, 2013 (Hakemli Dergi)
- XIX. Kırıkkale ilinin tarımsal mekanizasyon düzeyi**
 YEŞİLYURT M. K., ERYILMAZ T., GÖKDOĞAN O., YUMAK B.
 Adnan Menderes Üniversitesi Ziraat Fakültesi Dergisi, cilt.10, sa.2, ss.7-13, 2013 (Hakemli Dergi)

Metrikler

Yayın: 90
 Atıf (WoS): 970
 Atıf (Scopus): 1673
 H-İndeks (WoS): 18
 H-İndeks (Scopus): 20

Akademi Dışı Deneyim

ÖZ ISI MÜHENDİSLİK

GÖKALP MÜHENDİSLİK