

Arş. Gör. Onur GEZER

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği A.B.D./Enerji Programı, Türkiye 2017 - Devam Ediyor

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği A.B.D./Otomotiv Programı, Türkiye 2014 - 2017

Lisans, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Türkiye 2009 - 2014

Araştırma Alanları

Makina Mühendisliği, Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **EXPERIMENTAL INVESTIGATION OF LOW TEMPERATURE COMBUSTION IN A DIESEL ENGINE DEPENDING ON INJECTION ADVANCE AND INJECTION PRESSURE**
GEZER O., ÖZENER O., ÖZKAN M.
Thermal Science, cilt.28, sa.5, ss.3951-3966, 2024 (SCI-Expanded)
- II. **The effect of multiple injection on CI engine pollutant emissions and green house gases**
Albayrak A., GEZER O., ÖZENER O., Büyük C., ÖZKAN M.
Fuel, cilt.349, 2023 (SCI-Expanded)
- III. **Evaluation of pollutant emissions generated at bus stops**
Özener O., Gezer O., Özkan M.
FUEL, sa.310, ss.1-10, 2022 (SCI-Expanded)
- IV. **Performance and emissions of spark-ignition engines fuelled with petrol and methane**
KARAGÖZ Y., BALCI Ö., GEZER O., KÖTEN H., IŞIN Ö.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-ENERGY, cilt.174, sa.4, ss.156-169, 2021 (SCI-Expanded)
- V. **Numerical and experimental investigation of fuel consumption and CO2 emission performance for a parallel hybrid vehicle**
Balcı Ö., Karagoz Y., Gezer O., Kale S., Koten H., Pusat S., Yuksek L.
ALEXANDRIA ENGINEERING JOURNAL, cilt.60, sa.4, ss.3649-3667, 2021 (SCI-Expanded)
- VI. **Performance analysis of a hybrid lightweight vehicle with downsized engine**
Karagöz Y., Balcı Ö., Gezer O., Kale S., Köten H.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, cilt.42, ss.1513-1525, 2020 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. CO2 Analyses With Model-Based Regulatory Tools: Vecto Application For İstanbul Public Transportation Case

Özener O., Gezer O., Özkan M., Zacharof N., Fontaras G.

International Journal of Energy for a Clean Environment, cilt.23, sa.1, ss.85-96, 2022 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Analysis of Emissions of Low Temperature Combustion in a Diesel Engine According to the Combustion Process and Modeling of N2O Emissions

Özener O., Gezer O., Özkan M., Büyük C.

17th INTERNATIONAL COMBUSTION SYMPOSIUM, Bursa, Türkiye, 19 - 21 Eylül 2024, ss.287-293

II. Experimental Investigation of the Behavior of Modulated Kinetic Combustion Strategy in a Diesel Engine at Different Engine Loads

Güçlü M., Gezer O., Büyük C., Özener O., Özkan M.

INTERNATIONAL CONFERENCE ON GLOBAL PRACTICE OF MULTIDISCIPLINARY SCIENTIFIC STUDIES-IV, Girne, Kıbrıs (Kkctc), 28 - 30 Nisan 2023, ss.827-836

III. THE EFFECT OF MULTIPLE INJECTION ON CI ENGINE POLLUTANT EMISSIONS AND GREEN HOUSE GASES

Albayrak A., Gezer O., Özener O., Büyük C., Özkan M.

16th International Combustion Symposium (INCOS2022), Aydın, Türkiye, 8 - 11 Eylül 2022, ss.79-84

IV. Effect of auxiliary usage on bus CO2 emissions through vehicle simulation

Zacharof N., Özener O., Özkan M., Gezer O., Broekaert S., Fontaras G., Samaras Z.

24th Transport and Air Pollution Conference, 30 Mart - 01 Nisan 2021, ss.1

V. Evaluation of Pollutant Emissions Generated at Bus Stops

Özener O., Gezer O., Özkan M.

8th International Conference on Renewable Fuels, Combustion and Fire (FCE'21), Ankara, Türkiye, 5 - 07 Mart 2021, ss.304-308

VI. CO2 Analyses With Model Based Regulatory Tools: VECTO Application For İstanbul Public Transportation Case

Özener O., Özkan M., Gezer O., Zacharof N., Fontaras G.

15th INTERNATIONAL COMBUSTION SYMPOSIUM, 17 - 19 Eylül 2020, ss.177-182

VII. TEK SİLİNDİRLİ SIKIŞTIRMA ATEŞLEMELİ BİR MOTORDA POST ENJEKSİYON ZAMANLAMA VE SURECİNİN EGZOZ GAZ EMİSYONLARINA ETKİSİNİN DENEYSEL OLARAK İNCELENMESİ

ÖZENER O., GEZER O., ÖZKAN M., ÖZCAN E., BÜYÜK C., GÜÇLÜ M., KILIÇASLAN A.

7th INTERNATIONAL FUELS, COMBUSTION AND FIRE CONFERENCE IN ENGINEERING (FCE 19), Antalya, Türkiye, 10 - 13 Mart 2019, ss.311-315

VIII. Investigation on Effect of A Micro Pilot Injection Method on Performance and Emissions in Diesel-LPG Dual Fuelled Engine

KÖTEN H., KARAGÖZ Y., BALCI Ö., GEZER O., KALE S.

2ND INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES JUNE 27-29, 2019 ISTANBUL TURKEY, 27 - 29 Haziran 2019

IX. EFFECT OF DIFFERENT RATIO OF DIESEL INJECTION ON A HYDROGEN FUELED CI ENGINE PERFORMANCE AND EMISSIONS

SANDALCI T., GEZER O., KARAGÖZ Y., KÖTEN H.

10th International Conference on Hydrogen Production ICH2P 2019, 15 - 17 Mayıs 2019

Metrikler

Yayın: 16

Atıf (WoS): 6

Atıf (Scopus): 15

H-İndeks (WoS): 2

H-İndeks (Scopus): 3