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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Makine Mühendisliği A.B.D./Enerji Programı, Turkey 2017 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği A.B.D./Otomotiv Programı, Turkey 2014 - 2017

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 2009 - 2014

Research Areas

Mechanical Engineering, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- 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, vol.28, no.5, pp.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, vol.349, 2023 (SCI-Expanded)
- III. **Evaluation of pollutant emissions generated at bus stops**
Özener O., Gezer O., Özkan M.
FUEL, no.310, pp.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., İŞİN Ö.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-ENERGY, vol.174, no.4, pp.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, vol.60, no.4, pp.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, vol.42, pp.1513-1525, 2020 (SCI-Expanded)

Articles Published in Other Journals

- 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, vol.23, no.1, pp.85-96, 2022 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 19 - 21 September 2024, pp.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, Cyprus (Kkct), 28 - 30 April 2023, pp.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, Turkey, 8 - 11 September 2022, pp.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 March - 01 April 2021, pp.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, Turkey, 5 - 07 March 2021, pp.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 September 2020, pp.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, Turkey, 10 - 13 March 2019, pp.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 June 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 May 2019

Metrics

Citation (WoS): 6

Citation (Scopus): 15

H-Index (WoS): 2

H-Index (Scopus): 3