

Res. Asst. PhD Ferhat Ekin

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AEN-5893-2022

ScopusID: 57712729000

Yoksis Researcher ID: 32233

Education Information

Doctorate, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2017 - 2024

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2017 - 2021

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2014 - 2017

Undergraduate, Yıldız Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2008 - 2013

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, Destek AFAD Gönüllüsü Eğitimi, İL AFET VE ACİL DURUM MÜDÜRLÜĞÜ, 2023

Education Management and Planning, ANSYS FLUENT Kursu, Makine Mühendisleri Odası (MMO), 2019

Education Management and Planning, CNC (Computer Numerical Control) Programcılığı, İstanbul İl Özel İdaresi (ÖZİMEK), 2012

Education Management and Planning, CNC (Computer Numerical Control) Operatörlüğü, İstanbul İl Özel İdaresi (ÖZİMEK), 2012

Education Management and Planning, Kaynak Teknolojileri Kursu, İstanbul İl Özel İdaresi (ÖZİMEK), 2011

Other, TEMEL ARAMA KURTARMA EĞİTİMİ, İL AFET VE ACİL DURUM MÜDÜRLÜĞÜ, 2011

Dissertations

Doctorate, Investigation of the Effects of Alternative Fuel Use on Performance and Emissions in a Compression Ignition (CI) Diesel Engine, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları

Mühendisliği, 2024

Postgraduate, Bir Gemi Dizel Motorunda İşletme ve Dizayn Parametrelerinin Performans ve Emisyon Değerleri Üzerindeki Etkilerinin Sayısal Olarak İncelenmesi (A numerical investigation on the effects of design and operation parameters on the performance and emissions of a marine diesel engine), Istanbul Technical University, Fen Bilimleri Enstitüsü, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2017

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Thermodynamics, Fuels and Combustion, Internal Combustion Engines, Computational fluid dynamics, Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Van Yüzüncü Yil University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü, 2024 - Continues

Research Assistant, Van Yüzüncü Yil University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü, 2014 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. The effect of using hydrogen at partial load in a diesel-natural gas dual fuel engine**
Ekin F., Ozsoysal O., Arslan H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.42, pp.18532-18550, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. Effects of Different Air Excess Ratios on Performance and Emission Values in a Supercharged Heavy Duty Diesel Engine at Medium Speed**
Ekin F.
2nd International Conference on Scientific and Innovative Studies (ICSIS 2024), Konya, Turkey, 18 - 19 April 2024, pp.712-722
- II. Effect of intercooled and non-intercooled supercharger in a diesel engine at partial load**
Ekin F., Sönmez H. İ., Gündoğan O.
4th International Conference on Innovative Academic Studies (ICIAS 2024), Konya, Turkey, 12 - 13 March 2024, pp.1014-1022
- III. DİZEL MOTORDA ENJEKTÖR PÜSKÜRTME AÇISI VE SİLİNDİR İÇİ DÖNGÜ ORANININ PERFORMANS VE EMİSYONLARA ETKİSİNİN SAYISAL OLARAK İNCELENMESİ**
Öncüoğlu Ö., Ekin F.
INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE, MECHANICAL AND AUTOMOTIVE ENGINEERINGS AND TECHNOLOGY (IMSMATEC 2020), Nevşehir, Turkey, 24 - 26 June 2020, pp.304-308
- IV. A Numerical Study about the Effects of Amount of Intake Air Humidity and Different Injection Strategies on Performance and Emission Values in a Turbo-Charged Diesel Engine**
Ekin F.
CONGRESS ON THERMAL SCIENCE AND TECHNOLOGY (CTST 2019), Kocaeli, Turkey, 11 - 14 September 2019, pp.200-210
- V. A Numerical Study About the Effects of Spray Angle and Injector Nozzle Diameter on the Performance and Emission Values in A Diesel Engine**

Ekin F.

INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 11 - 14 April 2019, pp.1-11

VI. A Numerical Study for Different Humidity Ratios of Intake Air in A CNG Engine about the Effects on the Performance and Emission Values.

Ekin F., Özsoysal O. A.

INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 11 - 14 April 2019, pp.1-11

VII. A Numerical Study of the Effects of Spray Angle and Swirl Ratio on Combustion and Emission of Diesel Engines

EKİN F., KAFALI M., ÖZSOYSAL O. A.

ICELIS (INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE), Kastamonu, Turkey, 26 - 29 April 2018, vol.ISBN, pp.593

Metrics

Publication: 9

Citation (WoS): 10

Citation (Scopus): 15

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

TUBITAK, TÜRKİYE TEKNOLOJİ TAKIMI VAKFI, DENEYAP TÜRKİYE
TUBITAK, TÜRKİYE TEKNOLOJİ TAKIMI VAKFI, DENEYAP TÜRKİYE