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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey
2017 - Continues

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

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

Under Graduate, Yıldız Technical University, Gemi İnşaatı Ve Denizcilik Fakültesi, Gemi İnşaatı Ve Gemi Makineleri
Mühendisliği, Turkey 2008 - 2013

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

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

Dissertations

Post Graduate, 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

Academic Titles / Tasks

Research Assistant, Van Yüzüncü Yil University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği, 2014 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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
- III. **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
- IV. **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
- V. **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.IISBN, pp.593