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Education Information

Doctorate, Istanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2017 - Continues
Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2017 - 2021
Postgraduate, Istanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2014 - 2016
Undergraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Deparment Of Naval Architecture And Marine Engineering, Turkey 2008 - 2013

Certificates, Courses and Trainings

Other, ANSYS FLUENT Kursu, Makine Mühendisleri Odası (MMO), 2019
Vocational Course, CNC (Computer Numerical Control) Programcılığı, İstanbul İl Özel İdaresi (ÖZİMEK), 2012
Vocational Course, CNC (Computer Numerical Control) Operatörlüğü, İstanbul İl Özel İdaresi (ÖZİMEK), 2012
Vocational Course, Kaynak Teknolojileri Kursu, İstanbul İl Özel İdaresi (ÖZİMEK), 2011

Dissertations

Postgraduate, Bir Gemi Dizel Motorunda İşletme ve Dizayn Parametrelerinin Performans ve Emisyon Değerleri Üzerindeki Etkilerinin Sayısal Olarak İncelenmesi, Istanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, 2016

Research Areas

Fluid Mechanics, Alternative Energy Resources, Heat and Mass Transfer, Fuels and Combustion, Internal Combustion Engines, Computational fluid dynamics, Ship Machines

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

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. A., Arslan H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.42, pp.18532-18550, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **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 , Kocaeli, Turkey, 11 - 14 September 2019, pp.200-210
II. **A Numerical Study of the Effects of Spray Angle and Swirl Ratio on Combustion and Emission of Diesel Engines**
Ekin F., Kafalı M.
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 26 - 29 April 2018, pp.581

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Publication: 4
Citation (Scopus): 3
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