

Res. Asst. Cenk Kaya

Personal Information

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Education Information

Post Graduate, Yıldız Technical University, Naval Architecture And Maritime Faculty, Turkey 2017 - 2020

Under Graduate, Yıldız Teknik Üniversitesi, Gemi İnşaatı Ve Denizcilik Fakültesi, Turkey 2009 - 2015

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Ship Machines

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, 2018 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **NO_x based comparative analysis of a CI engine fueled with water in diesel emulsion**
Okumuş F., Kaya C., Kökkülünk G.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.1, is.1, pp.1-21, 2020
(Journal Indexed in SCI Expanded)
- II. **Biodiesel as alternative additive fuel for diesel engines: An experimental and theoretical investigation on emissions and performance characteristics**
Kaya C., Kökkülünk G.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.1, is.123, pp.1-23, 2020
(Journal Indexed in SCI Expanded)
- III. **Exergetic and exergoeconomic analyzes of compressed natural gas as an alternative fuel for a diesel engine**
Kaya C., AYDIN Z., KÖKKÜLÜNK G., SAFA A.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Experimental Investigation of Using Waste Frying Oil Biodiesel-Diesel Blends on Performance Parameters in a Diesel Engine**
KAYA C., KÖKKÜLÜNK G., AYDIN Z., OKUMUŞ F.

International Design and Engineering Symposium, İzmir, Turkey, 10 - 12 October 2019

II. Experimental Investigation of using Emulsified Fuel in a Diesel Engine on Performance and NOx Emissions

OKUMUŞ F., KÖKKÜLÜNK G., KAYA C., SAFA A.

III. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, İzmir, Turkey, 18 - 19 April 2019, pp.15-23

III. The Investigation of Improvement with Tall Oil Fatty Acid of Negative Effects Through Diesel Oil Mixed with Lubricating Oil in Marine Diesel Generators

Kaya C., Sert O., Elçiçek H., Aydın Z., Kökkülünk G.

III. GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGY AND THE FUTURE OF MARITIME TRANSPORTATION, İzmir, Turkey, 18 - 19 April 2019

Supported Projects

Kökkülünk G., Ergenç A. T. , Elçiçek H., Aydın Z., Okumuş F., Kaya C., Project Supported by Higher Education Institutions, Uluslararası emisyon standartlarına uyum için gezinti ve balıkçı tekne motorlarında emülsife yakıt kullanımının deneysel olarak araştırılması, 2018 - 2021