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Zonguldak Bülent Ecevit Üniversitesi Mühendislik Fakültesi
Makina Müh. Makine Mühendisliği

HAKKINDA

Çalıştığı Birim

MÜHENDİSLİK FAKÜLTESİ >
MAKİNA MÜH. > Makine
Mühendisliği

Temel Alanı

Mühendislik Temel Alanı

Bilim Alanı

Deniz ve Gemi Mühendisliği

Akademik Anahtar Kelime

Gemi Makineleri İşletme Mühendisliği
Gemi Ana ve Yardımcı Makineleri
Hesaplamalı Akışkanlar Mekaniği

ÖĞRENİM BİLGİLERİ

• 2009 - 2014

YILDIZ TEKNİK ÜNİVERSİTESİ
Lisans-Anadal

GEMİ İNŞAATI VE DENİZCİLİK FAKÜLTESİ
| GEMİ İNŞAATI VE GEMİ MAKİNELERİ
MÜHENDİSLİĞİ

• 2018 - 2022

İZMİR DEMOKRASİ ÜNİVERSİTESİ
Lisans-Anadal

MÜHENDİSLİK FAKÜLTESİ | MAKİNE
MÜHENDİSLİĞİ

• 2023 - Devam Ediyor

ZONGULDAK BÜLENT ECEVİT
ÜNİVERSİTESİ

Lisans-Anadal

İNSAN VE TOPLUM BİLİMLERİ FAKÜLTESİ
| SOSYOLOJİ

• 2016 - 2018

DOKUZ EYLÜL ÜNİVERSİTESİ
Yüksek Lisans-Tezli

FEN BİLİMLERİ ENSTİTÜSÜ | DENİZ
ULAŞTIRMA SİSTEMLERİ MÜHENDİSLİĞİ

• 2018 - 2022

DOKUZ EYLÜL ÜNİVERSİTESİ
Doktora

FEN BİLİMLERİ ENSTİTÜSÜ | DENİZ
ULAŞTIRMA SİSTEMLERİ MÜHENDİSLİĞİ

MAKALELER

SCI-Expanded

Energy, exergy, and emission (3E) analysis of hydrogen-enriched waste biodiesel-diesel fuel blends on an indirect injection dual-fuel CI engine

BAYRAMOĞLU KUBİLAY , BAYRAMOĞLU TOLGA , POLAT FİKRET , SARIDEMİR SUAT , ALÇELİK Necdet , AĞBULUT ÜMİT

Energy Volume 314 | 2025

ESCI edition

Numerical study on heat transfer and fluid dynamics in plate heat exchangers: Effects of chevron angle and aspect ratio

KAPLAN SAMİ , BAYRAMOĞLU KUBİLAY , SARIKANAT MEHMET , ALTAY LÜTFİYE

Journal of Thermal Engineering Volume 10 issue 3 pages: 638 - 656 | 2024

TR DİZİN

Energy and Exergy Analysis of Diesel-Hydrogen and Diesel-Ammonia Fuel Blends in Diesel Engine

BAYRAMOĞLU KUBİLAY

Journal of ETA Maritime Science issue 2 pages: 8 - 656 | 2024

SCI-Expanded

Reduction of the harmful NO_x pollutants emitted from the ship engines using high-pressure selective catalytic reduction system

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , NURAN MUSTAFA

Environmental Science and Pollution Research | 2024

SCI-Expanded

The effects of alternative fuels, cruising duration and variable generators combination on exhaust emissions, energy efficiency existing ship index (EEXI) and carbon intensity rating (CII)

BAYRAMOĞLU KUBİLAY

Ocean Engineering Volume 302 | 2024

SCI-Expanded

Energy, exergy, sustainability evaluation of the usage of pyrolytic oil and conventional fuels in diesel engines

BAYRAMOĞLU KUBİLAY , NURAN MUSTAFA

Process Safety and Environmental Protection | 2024

SCI-Expanded

Determination of hydrogen production performance with waste exhaust gas in marine diesel engines

BAYRAMOĞLU KUBİLAY

International Journal of Hydrogen energy | 2024

TR DİZİN

Evaluation of Decarbonization Methods on Ships

BAYRAMOĞLU KUBİLAY

Journal of Marine and Engineering Technology Volume 3 issue 1 pages: 20 - 33 | 2023

TR DİZİN

Effect of Electric Vehicle Transportation and Carbon Capture System on Concept Ro-Ro ship Stability and EEDI

GÖKSU BURAK , BAYRAMOĞLU KUBİLAY

Marine Science and Technology Bulletin Volume 12 issue 3 pages: 267 - 281 | 2023

SCI-Expanded

Application of post-combustion carbon capture process in marine diesel engine

BAYRAMOĞLU KUBİLAY

Energy Sources Part A-Recovery Utilization and Environmental Effects Volume 45 issue 4 pages: 10909 - 10925 | 2023

SCI-Expanded

Numerical investigation of the hydrogen, ammonia and methane fuel blends on the combustion emissions and performance

BAYRAMOĞLU KUBİLAY , Bahlekeh Abdullah , MAŞERA KEMAL

International Journal of Hydrogen Energy | 2023

SCI-Expanded

Energy and exergy analyses of hydrogen addition in a diesel engine

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , NURAN MUSTAFA

International Journal of Exergy Volume 4 issue 37 pages: 377 - 392 | 2022

TR DİZİN

Control of Ship Roll and Yaw Angles During Turning Motion

GÖKSU BURAK , BAYRAMOĞLU KUBİLAY

Marine Science and Technology Bulletin Volume 10 issue 4 pages: 340 - 349 | 2021

SCI-Expanded

Design and performance evaluation of low-speed marine diesel engine selective catalytic reduction system

BAYRAMOĞLU KUBİLAY , ÖZMEN GÜNER

Process Safety and Environmental Protection issue 155 pages: 184 - 196 | 2021

SCI-Expanded

Emission and performance estimation in hydrogen injection strategies on diesel engines

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH

International Journal of Hydrogen Energy Volume 46 issue 57 pages: 29732 - 29744 | 2021

ESCI

Analyzing the Effect of Fuel Injection Timing and Injection Duration on Performance and Emissions in Diesel Engines

BAYRAMOĞLU KUBİLAY , NURAN MUSTAFA

Journal of Eta Maritime Science Volume 8 issue 1 pages: 38 - 52 | 2020

SCI

Determination of operating parameters of an AUV following a preplanned trajectory using hydrodynamic analysis data

KAYA KERİM DENİZ , GÖREN AYTAÇ , YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY

Ocean Engineering Volume 217 pages: 107708 - | 2020

SCI-Expanded

Determination of operating parameters of an AUV following a preplanned trajectory using hydrodynamic analysis data

KAYA KERİM DENİZ , GÖREN AYTAÇ , YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY
OCEAN ENGINEERING issue 217 | 2020

TR DİZİN

The Effect of Exhaust Temperature on Urea-Water Decomposition in MarineSCR Systems

BAYRAMOĞLU KUBİLAY , ÖZMEN GÜNER , CERİT AYŞE GÜLDEM
International Journal of Computational and Experimental Science and
Engineering Volume 5 issue 3 pages: 112 - 118 | 2019

SCI-Expanded

Numerical investigation of valve lift effects on performance and emissions in diesel engine

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , KAYA KERİM DENİZ
International Journal of Global Warming Volume 18 pages: 287 - 303 | 2019

ESCI

Numerical and Theoretical Thermal Analysis of Ship Provision Refrigeration System

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , KAYA KERİM DENİZ
Journal of ETA Maritime Science Volume 7 issue 2 pages: 137 - 149 | 2019

TR DİZİN

3D Printed Solar Catamaran Model Design and Embedded Sensing System Application

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , KAYA KERİM DENİZ
International journal of 3D Printing Technologies and Digital Industry Volume 2
issue 3 pages: 12 - 21 | 2018

SCI-Expanded

Energy, exergy, sustainability evaluation of the usage of pyrolytic oil and conventional fuels in diesel engines

BAYRAMOĞLU KUBİLAY

Process Safety and Environmental Protection Volume 181 pages: 10 - 135 | 2024

BİLDİRİLER

ULUSLARARASI

Tam metin bildiri

The Effect of Hydrogen and Ammonia Combustion on Performance and Emissions

BAYRAMOĞLU KUBİLAY , Bahlekeh Abdullah , MAŞERA KEMAL

23. World Hydrogen energy Conference (WHEC2022)

Tam metin bildiri

Evaluation of The Effect of System Parameters on Hydrogen Production in Steam-Methane Reformers

BAYRAMOĞLU KUBİLAY , COŞKUN CAN , OKTAY COŞKUN ZUHAL

16. International Combustion Symposium (INCOS 2022)

Tam metin bildiri

A STUDY ON THERMAL BEHAVIOUR OF A 3D PRINTER AND EXTRUDED MATERIAL WITH THERMAL IMAGING METHOD

Arhan Serdar , YILMAZ SEMİH , KAYA KERİM DENİZ , BAYRAMOĞLU KUBİLAY

5th INTERNATIONAL CONGRESS ON 3D PRINTING (ADDITIVE MANUFACTURING) TECHNOLOGIES AND DIGITAL INDUSTRY

Tam metin bildiri

DETERMINATION OF OPTIMAL PIPE DIAMETER AND PERFORMANCE ANALYSIS OF MARINE SCR SYSTEMS

BAYRAMOĞLU KUBİLAY , ÖZMEN GÜNER

7th INTERNATIONAL CONGRESS ON ENGINEERING ARCHITECTURE AND DESIGN

Tam metin bildiri

THE EFFECT OF BAFFLE LOCATION ON SLOSHING IN THE RECTANGULAR TANK

BAYRAMOĞLU TOLGA , KORKMAZ FATİH CÜNEYD , BAYRAMOĞLU KUBİLAY
7th INTERNATIONAL CONGRESS ON ENGINEERING ARCHITECTURE AND DESIGN

Tam metin bildiri

Determination of Performance and Emissions Parameters on Hydrogen Injected a Dual Fuel Diesel Engine

YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY
15th International Combustion Symposium

Tam metin bildiri

Comparison of Damage Stability in Tankers for Different Subdivision

BAYRAMOĞLU TOLGA , BAYER İSMAİL , AKYILDIZ HAKAN , BAYRAMOĞLU KUBİLAY
III. GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGYANDTHE FUTURE OF MARITIME TRANSPORTATION

Tam metin bildiri

CFD Analysis of Stern Tube Lubrication System Under Changing Shaft Speed and Oil Types

BAYRAMOĞLU KUBİLAY , KAYA KERİM DENİZ , YILMAZ SEMİH
III. GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGYANDTHE FUTURE OF MARITIME TRANSPORTATION

Tam metin bildiri

Utilization of 3d Printing Technologies in Marine Applications

BAYRAMOĞLU KUBİLAY , KAYA KERİM DENİZ , YILMAZ SEMİH , GÖKSU BURAK
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019

Tam metin bildirisi

Determination Of Working Parameters Of 3d Printers On Various Operation Modes With Different Sensing Systems

KAYA KERİM DENİZ , YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY , GÖKSU BURAK
4th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2019

Tam metin bildirisi

Numerical Investigation of the Effect of Injection Timing on Engine Performance and Exhaust Emission in Diesel Engines

BAYRAMOĞLU KUBİLAY , NURAN MUSTAFA
II. uluslararası Şehir, Çevre, Sağlık Kongresi

Tam metin bildirisi

Dizel Motorlarda Kullanılan Farklı Yakıt Karışımları için Emisyon Tahmini

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , KAYA KERİM DENİZ
II. Uluslararası Şehir, Çevre, Sağlık Kongresi

Tam metin bildirisi

Design and Implementation of A Solar Catamaran Model with 3D Printer and Sensor Applications

KAYA KERİM DENİZ , BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH
3rd International congress on 3D Printing Technologies and Digital Industry

Tam metin bildirisi

Numerical Analysis of Diesel Engine Performance and Exhaust Emissions with Diesel-Ethanol Fuel Blends

KAYA KERİM DENİZ , BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , NURAN MUSTAFA
7th Global Conference on global warming

Tam metin bildirisi

A numerical investigation of valve lift effects on marine diesel engine and emission prediction

BAYRAMOĞLU KUBİLAY , KAYA KERİM DENİZ , YILMAZ SEMİH , BAYRAKTAR MURAT , GÖKSU BURAK

7th Global Conference on Global Warming (GCGW-2018)

Tam metin bildirisi

ESTIMATION OF PROPULSION THRUSTER POWER ON LNG FUELLED MARINE VESSELS WITH ARTIFICIAL NEURAL NETWORKS

BAYRAKTAR MURAT , GÖKSU BURAK , BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH

7th Global Conference on Global Warming (GCGW-2018)

Tam metin bildirisi

Remotely Operated Vehicle (ROV) Design and Fuel Cell Applicability

YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY

World Electro Mobility Conference 2017

Tam metin bildirisi

Comparative Research of Nonlinear Decoupled Tracking Controller Design for an Open-Frame AUV

BAYRAMOĞLU KUBİLAY , GÖREN AYTAÇ , KAYA KERİM DENİZ

2023 27th International Conference on Methods and Models in Automation and Robotics (MMAR)

Tam metin bildirisi

Limanlarda Operasyon Süresi ve Gemi D/G Çalışma Oranlarının Karbon Emisyonları & EEDI Etkisinin Belirlenmesi

ZİYLAN KERİM , BAYRAMOĞLU KUBİLAY

I. International Maritime and Logistics Congress

Tam metin bildiri

Process And Flow Pattern Analysis of A Hydrogen Production With Reforming Process

BAYRAMOĞLU KUBİLAY

DEU INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES-2023 Maritime Science & Technology

Tam metin bildiri

Evolution of Hydrogen Production Performance With Reformer System Using Waste Heat of a Marine Diesel Engine

kaya Yusuf Erdem , YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY

12th Global Conference on Global Warming (GCGW-2024)

Tam metin bildiri

Effect of Various Hydrogen Injection Angles on Engine Performance and Emissions

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH , BAYRAMOĞLU TOLGA

4. International Conference on Energy Environment and Storage of Energy

Tam metin bildiri

Comparison of COP in maritime applications using modern refrigerants

YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY , ÇOBAN MUSTAFA TURHAN

4. International World Energy Conference

Tam metin bildiri

The impact of waste heat recovery system of a Ship to EEXI

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH

4. International World Energy Conference

ULUSAL

Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi |
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KİTAPLAR

ULUSLARARASI

Bilimsel Kitap

Bölüm : YOĞUŞMALI KAZANLARDA KULLANILAN BRÜLÖRLERİN
PERFORMANS VE EMİSYONLARA OLAN ETKİLERİ

MÜHENDİSLİK ve MULTİDİSİPLİNER YAKLAŞIMLAR

YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY
2021, Güven Plus Grup A.Ş. Yayınları, İstanbul

Bilimsel Kitap

Bölüm : GEMİ DİZEL MOTORLARINDA NOX EMİSYON AZALTMA
YÖNTEMLERİNİN DEĞERLENDİRİLMESİ

MÜHENDİSLİK ve MULTİDİSİPLİNER YAKLAŞIMLAR

BAYRAMOĞLU KUBİLAY , YILMAZ SEMİH
2021, Güven Plus Grup A.Ş. Yayınları, İstanbul

Bilimsel Kitap

Bölüm : GEMİ DİZEL MOTORLARINDA AMONYAK KULLANIMININ MOTOR PERFORMANSI VE EMİSYONLAR AÇISINDAN DEĞERLENDİRİLMESİ

TEKNOLOJİK GELİŞMELER VE MÜHENDİSLİK UYGULAMALARI

BAYRAMOĞLU KUBİLAY

2022, Güven Plus Grup A.Ş. Yayınları, İstanbul

Bilimsel Kitap

Bölüm : AVAILABILITY OF RENEWABLE ENERGY SOURCES ON SHIPS

INTERNATIONAL DEVELOPMENTS IN ENGINEERING & TECHNOLOGY

BAYRAMOĞLU KUBİLAY

2022, Güven Plus Group Inc. Publications, İstanbul

Bilimsel Kitap

Bölüm : Co-combustion of Sewage Sludge with Eco-friendly Fuels to Reduce CO2 Emissions in Flue Gas

Springer Proceedings in Energy

BAYRAMOĞLU KUBİLAY , COŞKUN CAN , OKTAY COŞKUN ZUHAL

2023, Springer, None

ULUSAL

Ders Kitabı

Denizciler için Soğutma ve İklimlendirme Sistemleri

EZGİ CÜNEYT , YILMAZ SEMİH , BAYRAMOĞLU KUBİLAY

2024, Birsen Yayınevi, İstanbul

İDARİ GÖREVLER

Bölüm Başkanı

• 2024 - 2024

DENİZ ULAŞTIRMA İŞLETME
MÜHENDİSLİĞİ

Bölüm Başkanı

• 2024 - 2024

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