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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAT-8789-2020

ScopusID: 55329627200

Yoksis Researcher ID: 33301

Education Information

Doctorate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2012 - 2016

Postgraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2011 - 2012

Undergraduate, Istanbul Technical University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği, Turkey 2004 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İki stroklu gemi dizel motorlarında performans izleme ve değerlendirme uygulaması, Yıldız Teknik Üniversitesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2016

Postgraduate, Su buharı enjeksiyonlu bir dizel motorunda egzoz gazları geri dolaşımının (EGR) performans ve emisyonlara etkilerinin incelenmesi, Yıldız Teknik Üniversitesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2012

Research Areas

Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine

Engineering Operations, 2021 - Continues

Assistant Professor, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2018 - 2021

Assistant Professor, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2017 - 2018

Research Assistant PhD, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2016 - 2017

Research Assistant, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2011 - 2016

Academic and Administrative Experience

Head of Department, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2022 - Continues

Head of Department, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2022 - Continues

Fakülte Yönetim Kurulu Üyesi, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2020 - Continues

Fakülte Kurulu Üyesi, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2020 - Continues

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Yildiz Technical University, Naval Architecture And Maritime Faculty, 2020 - Continues

Bölüm Tanıtım ve Mezunlarla İlişkiler Komisyonu Üyesi, Yildiz Technical University, Naval Architecture And Maritime Faculty, 2017 - Continues

Eğitim ve Müfredat Kurulu üyesi, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2017 - Continues

Vice Dean, Yildiz Technical University, Naval Architecture And Maritime Faculty, 2020 - 2022

Courses

Gemi Dizel Makineleri II, Undergraduate, 2017 - 2018

Gemilerde Enerji Verimliliği, Postgraduate, 2017 - 2018

Gemi Yardımcı Makineleri II, Undergraduate, 2017 - 2018

Makine Dairesi Simülatörü II, Undergraduate, 2016 - 2017

Gemi Sistemlerinin Analizi, Undergraduate, 2017 - 2018

Gemi Yardımcı Makineleri I, Undergraduate, 2016 - 2017

Denizde Emniyet ve Güvenlik 2, Undergraduate, 2016 - 2017

Makine Dairesi Simülatörü I, Undergraduate, 2017 - 2018

Advising Theses

Kökkülünk G., Denizcilik sektöründe kullanılan esnek kauçuk boruların üretimi ve dayanım analizi, Postgraduate, R.ŞEVKİ(Student), 2024

Kökkülünk G., Farklı Tip Gemilerin 2020 Sülfür Regülasyonu Çerçevesinde Maliyet Açısından Değerlendirilmesi, Postgraduate, A.BEKDAŞ(Student), 2021

Kökkülünk G., Uluslararası Emisyon Kuralları Çerçevesinde Bir Gemi Filosunun İncelenmesi, Postgraduate, B.KANBEROĞLU(Student), 2020

Kökkülünk G., Biyodizelin Gemi Dizel Motorlarında Alternatif Yakıt Olarak Kullanımının Deneysel Olarak İncelenmesi,

Postgraduate, C.KAYA(Student), 2019

Kökkülünk G., Gemi Dizel Motorlarında Emülsife Yakıt Kullanımının Performans ve Emisyonlara Etkilerinin İncelenmesi,

Postgraduate, F.OKUMUŞ(Student), 2019

Kökkülünk G., DENİZ YAKITLARININ YAĞLAMA YAĞINA KARIŞMASI DURUMUNDA TALL YAĞI ASİDİ KATKISININ SEGMAN-SİLİNDİR GÖMLEĞİ ARASINDAKİ SÜRTÜNME DAVRANIŞLARINA ETKİSİNİN İNCELENMESİ, Postgraduate, O.SERT(Student), 2019

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, July, 2023

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2023

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, June, 2023

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2023

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2023

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, December, 2022

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, December, 2022

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, August, 2022

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, August, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, July, 2022

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, June, 2022

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, February, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, August, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, July, 2021

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, July, 2021

Doctorate, Doctorate, Dokuz Eylül Üniversitesi, July, 2021

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, April, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, August, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, June, 2020

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, October, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, June, 2019

Post Graduate, Post Graduate, Yıldız Teknik University, May, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2019

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, December, 2018

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2018

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2018

Doctoral Examination, Doctoral Examination, İstanbul Teknik Üniversitesi, December, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effects of ammonia addition on the emission and performance characteristics of a diesel engine with variable compression ratio and injection timing**
OKUMUŞ F., KANBEROĞLU ARSLAN B., GONCA G., KÖKKÜLÜNK G., Aydın Z., Kaya C.
International Journal of Hydrogen Energy, vol.64, pp.186-195, 2024 (SCI-Expanded)
- II. **Enhancing the efficiency of sodium borohydride hydrolysis with a novel CoB-Triton catalyst**
Kaya C., ÖZDEMİR J. H., ELÇİÇEK H., ÖZDEMİR O. K., KÖKKÜLÜNK G., ÜNLÜGENÇOĞLU K.
International Journal of Hydrogen Energy, vol.51, pp.489-503, 2024 (SCI-Expanded)
- III. **Gradient boosting machine for performance and emission investigation of diesel engine fueled with pyrolytic oil-biodiesel and 2-EHN additive**
Okumuş F., Sönmez H. İ., Safa A., Kaya C., Kökkülünk G.
Sustainable Energy and Fuels, vol.7, no.16, pp.4002-4018, 2023 (SCI-Expanded)
- IV. **Comprehensive economic analyses in terms of maritime Sulphur 2020 regulation**
Bekdaş A., Kaya C., Kökkülünk G.
SHIPS AND OFFSHORE STRUCTURES, vol.18, no.6, pp.798-809, 2023 (SCI-Expanded)
- V. **Renewable energy resources: Combustion and environmental impact of diesel with pyrolytic and biodiesel blends**
Sönmez H. İ., Okumuş F., Safa A., Aydın Z., Kaya C., Kökkülünk G.
Energy and Environment, vol.34, no.4, pp.855-872, 2023 (SSCI)
- VI. **NOX 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.45, no.3, pp.6710-6729, 2023 (SCI-Expanded)
- VII. **THERMODYNAMIC ASSESSMENT OF WATER DIESEL EMULSIFIED FUEL USAGE IN A SINGLE CYLINDER DIESEL ENGINE**
OKUMUŞ F., KÖKKÜLÜNK G., Kaya C., AYDIN Z.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.45, no.2, pp.3708-3721, 2023 (SCI-Expanded)
- VIII. **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.45, no.4, pp.10741-10763, 2023 (SCI-Expanded)
- IX. **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, vol.45, no.2, pp.3722-3741, 2023 (SCI-Expanded)

Expanded)

- X. **NO and performance characteristics of a CI engine operated on emulsified fuel**
Okumuş F., Kökkülünk G., Gonca G., Kaya İ.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.30, pp.103-122, 2023 (SCI-Expanded)
- XI. **Waste to energy conversion: Pyrolytic oil and biodiesel as a renewable fuel blends on diesel engine combustion, performance, and emissions**
Sönmez H. İ., Okumuş F., Kaya C., Aydın Z., Safa A., Kökkülünk G.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.19, no.12, pp.1333-1344, 2022 (SCI-Expanded)
- XII. **Assessment of CO2 emissions for a bulk carrier fleet**
Kanberoğlu B., Kökkülünk G.
JOURNAL OF CLEANER PRODUCTION, vol.283, 2021 (SCI-Expanded)
- XIII. **Exergoeconomic and air emission analyses for marine refrigeration with waste heat recovery system: a case study**
BAŞHAN V., KÖKKÜLÜNK G.
Journal of Marine Engineering and Technology, vol.19, no.3, pp.147-160, 2020 (SCI-Expanded)
- XIV. **Estimation of shipping emissions via novel developed data collecting and calculation software: a case study for the Region of Ambarli Port**
ÜNLÜGENÇOĞLU K., KÖKKÜLÜNK G., ALARÇIN F.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.19, no.3, pp.293-307, 2019 (SCI-Expanded)
- XV. **Comparative Analysis of Ship Lighting Systems in Terms of Economic, Environmental and Material Performance**
YİĞİT K., KÖKKÜLÜNK G., SAVAŞ Ö.
ACTA PHYSICA POLONICA A, vol.134, no.1, pp.189-191, 2018 (SCI-Expanded)
- XVI. **Determination of performance degradation of a marine diesel engine by using curve based approach**
Kökkülünk G., Parlak A., Erdem H. H.
APPLIED THERMAL ENGINEERING, vol.108, pp.1136-1146, 2016 (SCI-Expanded)
- XVII. **Energy cost assessment of shoreside power supply considering the smart grid concept: a case study for a bulk carrier ship**
YİĞİT K., KÖKKÜLÜNK G., Parlak A., Karakas A.
MARITIME POLICY & MANAGEMENT, vol.43, no.4, pp.469-482, 2016 (SSCI)
- XVIII. **Theoretical and experimental investigation of steam injected diesel engine with EGR**
Kökkülünk G., Parlak A., Ayhan V., Cesur I., Gonca G., Boru B.
ENERGY, vol.74, pp.331-339, 2014 (SCI-Expanded)
- XIX. **The Effects of Design Parameters on Performance and NO Emissions of Steam-Injected Diesel Engine with Exhaust Gas Recirculation**
KÖKKÜLÜNK G., GONCA G., Parlak A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.39, no.5, pp.4119-4129, 2014 (SCI-Expanded)
- XX. **Application of Taguchi Methods for the Optimization of Factors Affecting Engine Performance and Emission of Exhaust Gas Recirculation in Steam-injected Diesel Engines**
Kökkülünk G., Parlak A., Bağcı E., Aydın Z.
ACTA POLYTECHNICA HUNGARICA, vol.11, pp.95-107, 2014 (SCI-Expanded)
- XXI. **Investigation of the effects of steam injection on performance and emissions of a diesel engine fuelled with tobacco seed oil methyl ester**
Parlak A., Ayhan V., Cesur I., KOKKULUNK G.
FUEL PROCESSING TECHNOLOGY, vol.116, pp.101-109, 2013 (SCI-Expanded)
- XXII. **Theoretical and experimental investigation of diesel engine with steam injection system on performance and emission parameters**
Kökkülünk G., Gonca G., Ayhan V., Cesur I., Parlak A.
APPLIED THERMAL ENGINEERING, vol.54, pp.161-170, 2013 (SCI-Expanded)
- XXIII. **Prediction of emissions and exhaust temperature for direct injection diesel engine with emulsified fuel using ANN**

Kökkülünk G., Akdoğan E., Ayhan V.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, pp.2141-2152, 2013 (SCI-Expanded)

XXIV. New method to reduce NO_x emissions of diesel engines: electronically controlled steam injection system

Parlak A., Ayhan V., ÜST Y., ŞAHİN B., Cesur I., Boru B., KÖKKÜLÜNK G.

JOURNAL OF THE ENERGY INSTITUTE, vol.85, no.3, pp.135-139, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Review of Nitrogen Oxides (NO_x) Reduction Methods Used on Marine Diesel Engine**
Okumuş F., Kökkülünk G.
Journal of Marine and Engineering Technology, vol.3, no.1, pp.34-44, 2023 (Peer-Reviewed Journal)
- II. **Decarbonization of Maritime Transportation: A Case Study for Turkish Ship Fleet**
Kanberoğlu Arslan B., Turan E., Kökkülünk G.
Journal of Marine Science and Application, vol.22, no.4, pp.716-727, 2023 (ESCI)
- III. **Is Existing Maintenance System Adequate for Sulphur 2020 Amendments?**
Canca A. Y., Kökkülünk G.
Journal of Eta Maritime Science, vol.8, no.4, pp.302-308, 2020 (ESCI)
- IV. **Energy and Exergy Analyses of a Bulk Carrier Diesel Generator for Different Loads Bir Dökme Yük Gemisi Dizel Jeneratörünün Farklı Yükleri için Enerji ve Ekserji Analizi**
KÖKKÜLÜNK G.
Journal of Eta Maritime Science, vol.7, no.1, pp.43-50, 2019 (Scopus)
- V. **Friction Behaviours of Lubrication Oil Contaminated With Cooling Water in Marine Diesel Engines**
Aydın Z., Elçiçek H., Kökkülünk G., Okumuş F.
INTERNATIONAL JOURNAL OF ADVANCES ON AUTOMOTIVE AND TECHNOLOGY, vol.1, pp.98-103, 2018 (Peer-Reviewed Journal)
- VI. **An Alternative Energy Efficiency Index Offer to Reduce CO₂ Emissions from Ships: Fleet Energy Efficiency Management Index**
Kökkülünk G., Parlak A.
Journal of Earth Sciences and Geotechnical Engineering, vol.7, no.1, pp.127-136, 2017 (Peer-Reviewed Journal)
- VII. **Bir Gemi Dizel Motorunun Performans Ölçümü ve Değerlendirilmesi**
Parlak A., Kökkülünk G.
JOURNAL OF ETA MARİTİME SCİENCE, vol.4, no.2, pp.165-173, 2016 (Peer-Reviewed Journal)
- VIII. **Prediction of emissions and performance parameters for steam injected diesel engine with EGR using ANN**
Kökkülünk G., Parlak A., Ayhan V., Cesur İ.
Journal of Maritime Transport and Engineering, vol.1, no.2, pp.21-27, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Denizcilikte Kullanılan Esnek Kauçuk Boruda Sarılan Telin Dayanıma Etkisinin Numerik Olarak İncelenmesi**
Kökkülünk G., Şevki R.
6. Uluslararası Mühendislik Bilimleri ve Multidisipliner Yaklaşımlar Kongresi, İstanbul, Turkey, 2 - 03 December 2023, pp.687
- II. **EXPERIMENTAL INVESTIGATION OF THE EFFECTS OF BIODIESEL FUELS ON THE PERFORMANCE AND EMISSIONS OF THE INTERNAL COMBUSTION ENGINE**
Sarac M., Pamuk A. T., KÖKKÜLÜNK G., ARBAK A., KARAGÖZ Y.

The 2nd World Energy Storage Conference (WESC-2022), İstanbul, Turkey, 18 December 2022, pp.144-146

- III. **EFFECTIVE HYDROLYSIS OF ALKALINE SODIUM BOROHYDRIDE: CoB-TRITON CATALYST**
Kaya C., Türkcan J. H., ELÇİÇEK H., ÖZDEMİR O. K., KÖKKÜLÜNK G., ÜNLÜGENÇOĞLU K.
23rd World Hydrogen Energy Conference: Bridging Continents by H₂, WHEC 2022, İstanbul, Turkey, 26 - 30 June 2022, pp.580-582
- IV. **An Investigation on Energy Efficiency of Turkish-owned Bulk Carrier Fleet**
Kanberoğlu B., Turan E., Kökkülünk G.
4th GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGY AND THE FUTURE OF MARITIME TRANSPORTATION (GMC'21), İstanbul, Turkey, 18 - 19 November 2021, pp.23
- V. **Sülfür 2020 kuralı çerçevesinde farklı tonajlardaki konteyner gemileri için bir durum değerlendirmesi**
Bekdaş A., Kökkülünk G.
2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), Gaziantep, Turkey, 7 - 09 October 2020, vol.1, no.1, pp.348
- VI. **ASSESSMENT OF ENERGY EFFICIENCY OF A BULK CARRIER SHIP IN ACCORDANCE WITH INTERNATIONAL REGULATIONS**
Kanberoğlu B., Kökkülünk G.
IV. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS - ENGINEERING, Ankara, Turkey, 7 - 10 November 2019, pp.1
- VII. **Experimental Investigation of Using Waste Frying Oil Biodiesel-Diesel Blends on Performance Parameters in a Diesel Engine**
Kaya C., Kökkülünk G., Aydın Z., Okumuş F.
International Design and Engineering Symposium, İzmir, Turkey, 10 - 12 October 2019, pp.152
- VIII. **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
- IX. **Investigation of the Effects of Marine Fuels in Lubrication Oil on The Friction of Piston Ring-Cylinder Liner in Marine Diesel Engines**
SERT O., AYDIN Z., KÖKKÜLÜNK G.
III. GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGY AND THE FUTURE OF MARITIME TRANSPORTATION, İzmir, Turkey, 18 - 19 April 2019
- X. **Investigation of the Effects of Marine Fuels in Lubrication Oil on The Friction of Piston Ring-Cylinder Liner in Marine Diesel Engines**
Sert O., Aydın Z., Kökkülünk G.
III. GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGY AND THE FUTURE OF MARITIME TRANSPORTATION, İzmir, Turkey, 18 - 19 April 2019, pp.24-36
- XI. **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, pp.462-472
- XII. **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., ELÇİÇEK H., AYDIN Z., KÖKKÜLÜNK G.
III. GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGY AND THE FUTURE OF MARITIME TRANSPORTATION, 18 - 19 April 2019
- XIII. **AMBARLI LİMANI HAVA KALİTESİNİN AVRUPA VE TÜRKİYE SINIRDEĞERLERİ AÇISINDAN DEĞERLENDİRİLMESİ**
ÜNLÜGENÇOĞLU K., KÖKKÜLÜNK G., ALARÇIN F.

TRANSİST İstanbul Ulaşım Kongresi, 8 - 10 November 2018

- XIV. **ANALYSIS OF THE FRICTION FORCES BETWEEN PISTON RING-CYLINDER LINER PAIRS ON MARINE DIESEL ENGINES USING EMULSIFIED FUEL**
OKUMUŞ F., KÖKKÜLÜNK G., AYDIN Z., ELÇİÇEK H.
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 December 2017, pp.321-327
- XV. **Friction Behaviours of Lubrication Oil Contaminated With Cooling Water in Marine Diesel Engines**
AYDIN Z., ELÇİÇEK H., KÖKKÜLÜNK G., OKUMUŞ F.
3rd International Conference on Advances in Mechanical Engineering, 19 - 21 December 2017
- XVI. **DESIGN AND CALCULATION OF THE WASTE HEAT RECOVERY POTENTIAL FOR A BULK CARRIER MARINE DIESEL GENERATOR**
KÖKKÜLÜNK G., BAŞHAN V., KAYA A., SÖNMEZ H. İ., Sarıca A.
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017- ICAME2017, İstanbul, Turkey, 19 December 2017, pp.366-374
- XVII. **Comparative analysis of ship lighting systems in terms of economic, environmental and material performance**
YİĞİT K., KÖKKÜLÜNK G., SAVAŞ Ö.
7th INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS EXHIBITION, 22 - 26 April 2017, pp.83
- XVIII. **An Alternative Energy Efficiency Index Offer to Reduce CO2 Emissions from Ships Fleet Energy Efficiency Management Index**
KÖKKÜLÜNK G., PARLAK A.
21st International Transport and Air Pollution Conference (TAP 2016), Lyon, France, 24 - 26 May 2016
- XIX. **Determination of Performance Degradation of Marine Diesel Engine**
Kökkülünk G., Parlak A., Erdem H. H.
3rd International Multi-Conference on Computer, Electrical, Electronics and Mechanical Engineering (IMCEEME' 15), Dubai, United Arab Emirates, 20 - 21 May 2015, pp.63
- XX. **Comparison for Performance and Exhaust Emissions of Steam Injected and Thermal Barrier Layer (TBL) Coated Piston Spark Ignition Engine**
Parlak A., Cesur İ., Ayhan V., Boru B., Kökkülünk G.
International Conference on Power Systems, Energy, Environment, Bern, Switzerland, 22 - 24 February 2014, pp.236-239
- XXI. **Su Buharı Püskürtülmüş Bir Dizel Motora EGR Uygulamasının Etkileri**
Kökkülünk G., Parlak A., Ayhan V., Cesur İ.
V. Ulusal Denizcilik Kongresi, İstanbul, Turkey, 11 November 2013, pp.61-67
- XXII. **Prediction of emissions and performance parameters for steam injected diesel engine with EGR using ANN**
Kökkülünk G., Parlak A., Ayhan V., Cesur İ.
15th International Conference Maritime Transport and Infrastructure, Riga, Latvia, 25 - 26 April 2013, pp.1-10
- XXIII. **Investigation of Steam Injection with Exhaust Gas Recirculation (EGR) on a Diesel Engine**
Kökkülünk G., Parlak A., Ayhan V., Cesur İ.
3rd International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars, Barcelona, Spain, 17 - 19 October 2012, pp.41-46
- XXIV. **Comparison of Marine and Land Transportation Emissions: Turkey Study**
Çoşgun T., Kökkülünk G., Yurtseven A., İnce S. T., Kalyoncu İ., Çelebi U. B.
The 1st International Symposium on Naval Arch. and Maritime, İstanbul, Turkey, 24 - 25 October 2011, pp.137-146
- XXV. **Electrical Electronic and Control Education in Marine Engineering Operations A Novel Educational Model for Turkey**
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Activities in Scientific Journals

Maritime Research and Technology (MRT) journal, Committee Member, 2022 - Continues

Seafic Journal, Committee Member, 2022 - Continues

Journal of Marine and Engineering Technology, Committee Member, 2021 - Continues

GMO Journal of Ship and Marine Technology, Editor, 2020 - Continues

Journal of ETA Maritime Science (JEMS), Editor, 2016 - Continues

Memberships / Tasks in Scientific Organizations

Denizcilik Eğitim Programları Değerlendirme ve Akreditasyon Derneği (DEDEK), Vice President, 2022 - Continues, Turkey

TMMOB Gemi Makineleri İşletme Mühendisleri Odası (GEMİMO) , Executive Board Member, 2020 - Continues, Turkey

Denizcilik Eğitim Programları Değerlendirme ve Akreditasyon Derneği (DEDEK), Secretary General, 2019 - 2022, Turkey

TMMOB Gemi Makineleri İşletme Mühendisleri Odası (GEMİMO), Secretary General, 2018 - 2020, Turkey

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Seatific, Other journals, December 2021
APPLIED THERMAL ENGINEERING, Journal Indexed in SCI-E, August 2021
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ENERGY, Journal Indexed in SCI-E, May 2021
ENERGY, Journal Indexed in SCI-E, April 2021
Celal Bayar University Journal of Science, Other Journals, March 2021
ENERGY, Journal Indexed in SCI-E, March 2021
FUEL, Journal Indexed in SCI-E, December 2020
JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, December 2020
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Avrupa Bilim ve Teknoloji Dergisi, Other Indexed Journal, April 2020
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Journal of Thermal Engineering, Other Indexed Journal, August 2018
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Journal of Thermal Engineering, Other Indexed Journal, July 2018
International Journal Maritime Engineering, SCI Journal, July 2018
International Journal of Green Energy, SCI Journal, March 2018
Energy, SCI Journal, February 2018
Journal of ETA Maritime Science, Other Indexed Journal, January 2018
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Energy Conversion and Management, SCI Journal, September 2017
Journal of Eta Maritime Science (JEMS), Other Indexed Journal, September 2017
Energy, SCI Journal, July 2017

Applied Thermal Engineering, SCI Journal, June 2017
Research Journal of Chemistry and Environment, SCI Journal, May 2017
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International Journal of Ambient Energy, SCI Journal, February 2016
Advances in Mechanical Engineering, SCI Journal, November 2015
Fuel-Elsevier, SCI Journal, August 2015
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Metrics

Publication: 59
Citation (WoS): 348
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H-Index (WoS): 11
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Non Academic Experience

İnce Denizcilik
Business Establishment Private, İnce Denizcilik Ve Tic. A.Ş.