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Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2001 - 2005

Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 1999 - 2001

Under Graduate, Yıldız Teknik Üniversitesi, Faculty of Mechanical Engineering, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 1994 - 1999

Dissertations

Doctorate, ENERJİ ÜRETİM SİSTEMLERİNİN EKOLOJİK PERFORMANS ANALİZİ VE OPTİMİZASYONU, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri, 2005

Post Graduate, KOMBİNE ISI VE GÜÇ SİSTEMLERİNİN PERFORMANS VE EKOLOJİK YÖNDEN ETÜDÜ, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri, 2001

Research Areas

Mechanical Engineering, Energy, Conventional Energy Systems and Their Technology, Thermodynamics, Fuels and Combustion, Internal Combustion Engines, Thermal Systems, Thermal machines, Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri, 2014 - Continues

Associate Professor, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri, 2009 - 2014

Assistant Professor, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri, 2006 - 2009

Research Assistant PhD, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri, 2005 - 2006

Research Assistant, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri, 1999 - 2005

Professional Experience

Head of Department, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi Makineleri İşletme Mühendisliği Bölümü, 2016 - Continues

Fakülte Yönetim Kurulu Üyesi, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, 2014 - Continues

Head of Department, Yıldız Teknik Üniversitesi, Gemi Makineleri, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2014 - Continues

Fakülte Akademik Kurul Üyesi, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, 2009 - Continues

BAP Coordinator, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, 2009 - Continues
Vice Dean, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, 2009 - 2016
Fakülte Yönetim Kurulu Üyesi, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, 2009 - 2014
Deputy Head of Department, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2008 - 2009

Advising Theses

ÜST Y., Gemilerde atık enerjinin Transkritik Organik Rankine Çevrimi ile geri kazanımı, Post Graduate, İ.Kaya(Student), 2017
ÜST Y., Bir OTTO motorunda bölünmüş yanma odasının performans üzerindeki etkisinin iki bölgegelikli yanma modeli ve HAD ile incelenmesi, Post Graduate, F.Arslan(Student), 2015
ÜST Y., Gaz Türbinlerinde Yanma Odalarının Teorik İncelenmesi ve Nümerik Olarak Modellenmesi, Post Graduate, İ.Özsarı(Student), 2015
ÜST Y., Gaz Türbinlerinde Su/Buhar Enjeksiyonunun Termo-Ekonomik Performans ve Emisyonlar Üzerindeki Etkilerinin İncelenmesi ve optimizasyonu, Doctorate, H.Kayhan(Student), 2014
ÜST Y., Gemilerde Enerji Ekonomisi Yöntemlerinin Teknik ve Ekonomik Yönden İncelenmesi, Post Graduate, Ü.GÜNEŞ(Student), 2013
ÜST Y., Gaz Türbinlerinin Termoekonomik Performansına Etki Eden Parametrelerin Analizi ve Optimizasyonu, Doctorate, Y.DURMUŞOĞLU(Student), 2013
ÜST Y., Gemilerde Kullanılan Sandık Tipi Isı Değiştiricilerin Performans Analizi ve Optimizasyonu, Post Graduate, A.ERTAYLAN(Student), 2012
ÜST Y., Gemi Islak Alanının Isı Değiştirici Olarak Kullanılmasına Yönelik Sayısal ve Analitik İnceleme, Post Graduate, A.YURTSEVEN(Student), 2011
ÜST Y., Absorpsiyonlu Soğutma Sistemlerinin Performans Analizi ve Optimizasyonu, Post Graduate, A.KAYA(Student), 2011
ÜST Y., Yeni Nesil Fırkateynler İçin Ana Makine Seçim Kriterlerinin Belirlenmesi ve Sistem Elemanlarının Seçimi, Post Graduate, İ.AKÇA(Student), 2010

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

- **Effect of varying fuel types on oxy-combustion performance**
Özsarı İ., Üst Y.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, no.0, 2019 (Journal Indexed in SCI)
- **Perovskite catalysts for methane combustion: applications, design, effects for reactivity and partial oxidation**
Başhan V., Üst Y.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, 2019 (Journal Indexed in SCI)
- **Application of fuzzy dematel method to analyse s-CO₂ Brayton power systems**
BAŞHAN V., ÜST Y.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.37, pp.8483-8498, 2019 (Journal Indexed in SCI)
- **Thermoenviromonic evaluation of simple, intercooled, STIG, and ISTIG cycles**
Kayadelen H. K. , Üst Y.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.42, pp.3780-3802, 2018 (Journal Indexed in SCI)
- **A comparative thermo-ecological performance analysis of generalized irreversible solar-driven heat engines**
ÜST Y., ARSLAN F., ÖZSARI İ.
RENEWABLE ENERGY, vol.113, pp.1242-1249, 2017 (Journal Indexed in SCI)
- **Thermoeconomic Optimization and Performance Analysis of a Regenerative Closed Brayton Cycle with Internal Irreversibilities and Pressure Losses**
Durmuşoğlu Y., Üst Y., Kayadelen H. K.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING,

vol.41, pp.61-70, 2017 (Journal Indexed in SCI)

- **Thermodynamic, environmental and economic performance optimization of simple, regenerative, STIG and RSTIG gas turbine cycles**
Kayadelen H. K. , Üst Y.
ENERGY, vol.121, pp.751-771, 2017 (Journal Indexed in SCI)
- **PERFORMANCE ANALYSIS OF MULTIPURPOSE REFRIGERATION SYSTEM (MRS) ON FISHING VESSEL**
ÜST Y., Karakurt A. S. , Gunes Ü.
POLISH MARITIME RESEARCH, vol.23, pp.48-56, 2016 (Journal Indexed in SCI)
- **Ecological coefficient of performance analysis and optimisation of gas turbines by using exergy analysis approach**
Üst Y., Şahin B., Çakır M.
INTERNATIONAL JOURNAL OF EXERGY, vol.21, pp.39-69, 2016 (Journal Indexed in SCI)
- **Investigation of Heat Transfer Influences on Performance of Air-Standard Irreversible Dual-Miller Cycle**
GONCA G., ŞAHİN B., Ust Y.
JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER, vol.29, pp.678-683, 2015 (Journal Indexed in SCI)
- **Thermodynamic performance analysis and optimization of DMC (Dual Miller Cycle) cogeneration system by considering exergetic performance coefficient and total exergy output criteria**
ÜST Y., ARSLAN F., ÖZSARİ İ., ÇAKIR M.
ENERGY, vol.90, pp.552-559, 2015 (Journal Indexed in SCI)
- **Comprehensive performance analyses and optimization of the irreversible thermodynamic cycle engines (TCE) under maximum power (MP) and maximum power density (MPD) conditions**
GONCA G., ŞAHİN B., ÜST Y., Parlak A.
APPLIED THERMAL ENGINEERING, vol.85, pp.9-20, 2015 (Journal Indexed in SCI)
- **Comparison of steam injected diesel engine and Miller cycled diesel engine by using two zone combustion model**
GONCA G., ŞAHİN B., ÜST Y., Parlak A., SAFA A.
JOURNAL OF THE ENERGY INSTITUTE, vol.88, pp.43-52, 2015 (Journal Indexed in SCI)
- **Theoretical and experimental investigation of the Miller cycle diesel engine in terms of performance and emission parameters**
GONCA G., ŞAHİN B., Parlak A., ÜST Y., Ayhan V., Cesur I., Boru B.
APPLIED ENERGY, vol.138, pp.11-20, 2015 (Journal Indexed in SCI)
- **The effects of steam injection on the performance and emission parameters of a Miller cycle diesel engine**
Gonca G., ŞAHİN B., Parlak A., ÜST Y., Ayhan V., Cesur I., Boru B.
ENERGY, vol.78, pp.266-275, 2014 (Journal Indexed in SCI)
- **Analysis of a Cascade Refrigeration System (CRS) by Using Different Refrigerant Couples Based on the Exergetic Performance Coefficient (EPC) Criterion**
ÜST Y., KARAKURT A. S.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.39, pp.8147-8156, 2014 (Journal Indexed in SCI)
- **Thermodynamic optimization of an irreversible regenerative closed Brayton cycle based on thermoeconomic performance criterion**
Durmuşoğlu Y., ÜST Y.
APPLIED MATHEMATICAL MODELLING, vol.38, pp.5174-5186, 2014 (Journal Indexed in SCI)
- **Performance and environment as objectives in multi-criterion optimization of steam injected gas turbine cycles**
Kayadelen H. K. , Üst Y.
APPLIED THERMAL ENGINEERING, vol.71, pp.184-196, 2014 (Journal Indexed in SCI)
- **Prediction of equilibrium products and thermodynamic properties in H₂O injected combustion for C alpha H beta O gamma N delta type fuels**
Kayadelen H. K. , Ust Y.
FUEL, vol.113, pp.389-401, 2013 (Journal Indexed in SCI)
- **Performance maps for an air-standard irreversible Dual-Miller cycle (DMC) with late inlet valve closing (LIVC) version**

GONCA G., ŞAHİN B., ÜST Y.

ENERGY, vol.54, pp.285-290, 2013 (Journal Indexed in SCI)

- **Determination of the optimum temperatures and mass ratios of steam injected into turbocharged internal combustion engines**
GONCA G., ŞAHİN B., ÜST Y., Parlak A.
JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY, vol.5, 2013 (Journal Indexed in SCI)
- **A Study on Late Intake Valve Closing Miller Cycled Diesel Engine**
Gonca G., Şahin B., Üst Y., Parlak A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.38, pp.383-393, 2013 (Journal Indexed in SCI)
- **Heat transfer effects on the performance of an air-standard irreversible dual cycle**
ÜST Y., ŞAHİN B., KAYADELEN H. K. , GONCA G.
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.63, pp.102-116, 2013 (Journal Indexed in SCI)
- **New method to reduce NOx 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, pp.135-139, 2012 (Journal Indexed in SCI)
- **Determination of the optimum reheat pressures for single and double reheat irreversible Rankine cycle**
Üst Y., Gonca G., Kayadelen H. K.
Journal Of The Energy Institute, vol.84, pp.215-219, 2011 (Journal Indexed in SCI Expanded)
- **The Effects of Cycle Temperature and Cycle Pressure Ratios on the Performance of an Irreversible Otto Cycle**
ÜST Y., ŞAHİN B., Safa A.
ACTA PHYSICA POLONICA A, vol.120, pp.412-416, 2011 (Journal Indexed in SCI)
- **Analysis of a vapour compression refrigeration system via exergetic performance coefficient criterion**
ÜST Y., AKKAYA A. V. , SAFA A.
JOURNAL OF THE ENERGY INSTITUTE, vol.84, pp.66-72, 2011 (Journal Indexed in SCI)
- **Effect of regeneration on the thermo-ecological performance analysis and optimization of irreversible air refrigerators**
Üst Y.
HEAT AND MASS TRANSFER, vol.46, pp.469-478, 2010 (Journal Indexed in SCI)
- **Performance analysis and optimization of heat exchangers: a new thermoeconomic approach**
ŞAHİN B., ÜST Y., Teke I., ERDEM H. H.
APPLIED THERMAL ENGINEERING, vol.30, pp.104-109, 2010 (Journal Indexed in SCI)
- **A Comparative Performance Analysis and Optimization of the Irreversible Atkinson Cycle Under Maximum Power Density and Maximum Power Conditions**
ÜST Y.
INTERNATIONAL JOURNAL OF THERMOPHYSICS, vol.30, pp.1001-1013, 2009 (Journal Indexed in SCI)
- **Performance optimisation of irreversible cogeneration systems based on a new exergetic performance criterion: exergy density**
ÜST Y., ŞAHİN B., Kodal A.
JOURNAL OF THE ENERGY INSTITUTE, vol.82, pp.48-52, 2009 (Journal Indexed in SCI)
- **An approach for analysing transportation costs and a case study**
ŞAHİN B., YILMAZ H., ÜST Y., GÜNERİ A. F. , GÜLSÜN B.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.193, pp.1-11, 2009 (Journal Indexed in SCI)
- **Performance analysis and optimization of irreversible air refrigeration cycles based on ecological coefficient of performance criterion**
ÜST Y.
APPLIED THERMAL ENGINEERING, vol.29, pp.47-55, 2009 (Journal Indexed in SCI)
- **Optimization of a dual cycle cogeneration system based on a new exergetic performance criterion**
Ust Y., Sahin B., Kodal A.
APPLIED ENERGY, vol.84, pp.1079-1091, 2007 (Journal Indexed in SCI)
- **Effects of combined heat transfer on the thermo-economic performance of irreversible solar-driven heat engines**
ÜST Y.

RENEWABLE ENERGY, vol.32, pp.2085-2095, 2007 (Journal Indexed in SCI)

- **Optimization of a regenerative gas-turbine cogeneration system based on a new exergetic performance criterion: exergetic performance coefficient**
Ust Y., Sahin B., Yilmaz T.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART A-JOURNAL OF POWER AND ENERGY, vol.221, pp.447-457, 2007 (Journal Indexed in SCI)
- **Performance optimization of irreversible refrigerators based on a new thermo-ecological criterion**
Ust Y., Sahin B.
INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID, vol.30, pp.527-534, 2007 (Journal Indexed in SCI)
- **The effects of intercooling and regeneration on the thermo-ecological performance analysis of an irreversible-closed Brayton heat engine with variable-temperature thermal reservoirs**
Sogut O. S. , Ust Y., Sahin B.
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.39, pp.4713-4721, 2006 (Journal Indexed in SCI)
- **Optimum operating conditions of irreversible solar driven heat engines**
Yilmaz T., Ust Y., Erdil A.
RENEWABLE ENERGY, vol.31, pp.1333-1342, 2006 (Journal Indexed in SCI)
- **Ecological coefficient of performance analysis and optimization of an irreversible regenerative-Brayton heat engine**
Ust Y., Şahin B., Kodal A., Akçay İ. H.
APPLIED ENERGY, vol.83, pp.558-572, 2006 (Journal Indexed in SCI)
- **Thermoeconomic analysis of a solar driven heat engine**
Sahin B., Üst Y., Yilmaz T., Akçay İ. H.
RENEWABLE ENERGY, vol.31, pp.1033-1042, 2006 (Journal Indexed in SCI)
- **Ecological coefficient of performance (ECOP) optimization for an irreversible Brayton heat engine with variable-temperature thermal reservoirs**
Ust Y., Söğüt O. S. , Şahin B., Durmayaz A.
JOURNAL OF THE ENERGY INSTITUTE, vol.79, pp.47-52, 2006 (Journal Indexed in SCI)
- **Performance analysis of an irreversible Brayton heat engine based on ecological coefficient of performance criterion**
Ust Y., Sahin B., Kodal A.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.45, pp.94-101, 2006 (Journal Indexed in SCI)
- **Ecological coefficient of performance (ECOP) optimization for generalized irreversible Carnot heat engines**
Ust Y., Sahin B., Kodal A.
JOURNAL OF THE ENERGY INSTITUTE, vol.78, pp.145-151, 2005 (Journal Indexed in SCI)
- **Performance analysis and optimization of an irreversible dual-cycle based on an ecological coefficient of performance criterion**
Ust Y., Sahin B., Sogut O.
APPLIED ENERGY, vol.82, pp.23-39, 2005 (Journal Indexed in SCI)
- **Ecological performance analysis of an endoreversible regenerative Brayton heat-engine**
Ust Y., Safa A., Sahin B.
APPLIED ENERGY, vol.80, pp.247-260, 2005 (Journal Indexed in SCI)
- **Analysis of an unconventional cycle as a new comparison standard for practical heat engines: the circular/elliptical cycle in T-S diagram**
Sahin B., Üst Y., Kodal A., Yilmaz T.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.28, pp.1159-1175, 2004 (Journal Indexed in SCI)

Articles Published in Other Journals

- **COMPARATIVE MAXIMUM POWER DENSITY ANALYSIS OF A SUPERCRITICAL CO₂ BRAYTON POWER CYCLE**
Karakurt A. S. , Başhan V., Üst Y.

JOURNAL OF THERMAL ENGINEERING, vol.6, pp.50-57, 2020 (Journal Indexed in ESCI)

- **Utilization of shipboard as a heat exchanger in ship central cooling system: a numerical analysis**

Üst Y., Yurtseven A., Sener B., Kinaci O. K.

Sigma Journal Engineering and Natural Sciences, vol.34, pp.297-306, 2016 (National Non-Refereed Journal)

- **An approach for economic analysis of intermodal transportation.**

SAHIN B., YILMAZ H., UST Y., GUNERI A. F. , Gulsun B., TURAN E.

TheScientificWorldJournal, vol.2014, pp.630320, 2014 (Refereed Journals of Other Institutions)

- **EEDI Assessment of Recently Built Tankers in Turkey**

TURAN E., ÜST Y.

SPOUDAI -Journal of Economics and Business, 2013 (Refereed Journals of Other Institutions)

- **Performance Analysis of an Endoreversible Braysson Cycle Based on Ecological Criterion**

ÜST Y.

TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.29, pp.271-278, 2005 (Other Refereed National Journals)

- **Ecological Performance Analysis of Irreversible OTTO Cycle**

ÜST Y.

Journal of Engineering and Natural Sciences, vol.29, pp.106-117, 2005 (Other Refereed National Journals)

- **Power Density Analysis of An Endoreversible Braysson Cycle**

ÜST Y.

Journal of Naval Science and Engineering, vol.1, pp.119-132, 2003 (Other Refereed National Journals)

Book & Book Chapters

- **in: Computational Problems in Engineering**

KAYADELEN H. K. , Ust Y.

Chapter 19 - Thermodynamic properties of engine exhaust gas for different kind of fuels, Nikos Mastorakis, Valeri Mladenov, Editor, Springer, London, pp.247-260, 2014

- **in: Computational Problems in Science and Engineering**

KAYADELEN H. K. , ÜST Y.

19 - Thermodynamic Properties of Engine Exhaust Gas for Different Kind of Fuels, Nikos Mastorakis, Valeri Mladenov, Editor, Springer, pp.247-260, 2014

Refereed Congress / Symposium Publications in Proceedings

- **Exergetic Performance Analysis To Compare Of Two Different Oxy Fuel Combustion Power Plant**

ÜST Y., ÖZSARI İ.

International Conference on Engineering and Natural Sciences (ICENS), Prague, Czech Republic, 12 - 16 Haziran 2019, pp.281-293

- **Optimal Design of Shell and Tube Heat Exchanger by Using Net Saving and Saving Cost Ratio Objectives in Waste Heat Recovery System**

ÜST Y., KAYA İ.

International Conference on Engineering and Natural Sciences (ICENS), Prague, Czech Republic, 12 - 16 Haziran 2019, pp.267-280

- **Evaluation of Supercritical Carbon dioxide (sCO₂) Brayton Power Cycle with Catalytic Combustion in Marine Applications**

ÜST Y., BAŞHAN V.

International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 02 Mayıs 2018, pp.367

- **Recovery of Ship Waste Exhaust Gas Energy by Transcritical Organic Rankine Cycle**

ÜST Y., KAYA İ.

International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 02 Mayıs 2018, pp.366

- **COMPARATIVE MAXIMUM POWER DENSITY ANALYSIS OF A SUPERCRITICAL CO₂ (S-CO₂) BRAYTON POWER CYCLE**

KARAKURT A. S. , BAŞHAN V., ÜST Y.

3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017– ICAME2017, İstanbul, Turkey, 19 - 21 Aralık 2017, pp.699-706

- **Investigation of Waste Heat Energy in a Marine Engine with Transcritical Organic Rankine Cycle**
KAYA İ., KARAKURT A. S. , ÜST Y.
International Conference On Advances In Science: ICAS-2017, İstanbul, Turkey, 13 - 15 Eylül 2017
- **Cappuccino Effect on Intermediate Fuel Oil (IFO) Bunkering Operations**
ÜST Y., BAŞHAN V.
III. International Conference on Engineering and Natural Science (ICENS), Budapeşte, Hungary, 03 Mayıs 2017, pp.100-108
- **Levelized Cost Analysis of Solar Energy Plants**
ÜST Y., DEDE S.
International Conference on Engineering and Natural Sciences (ICENS), Budapest, Hungary, 3 - 07 Mayıs 2017
- **CFD Analysis of a Divided Combustion Chamber of Single Cylinder Spark Ignition CNG Engine**
ARSLAN F., ÜST Y.
ICENS, Saraybosna, Bosnia And Herzegovina, 24 - 28 Mayıs 2016, pp.1067-1074
- **Exergetic and economic analysis of subcooling & superheating effect on vapor compression refrigeration system**
Karakurt A. S. , Güneş Ü., Üst Y.
Proceedings of ASME 2016 Power and Energy Conference, North-Carolina, United States Of America, 26 Haziran 2016, pp.1-10
- **Exergetic and Economic Analysis of Subcooling and Superheating Effect on Vapor Compression Refrigeration System**
KARAKURT A. S. , GÜNEŞ Ü., ÜST Y.
ASME 2016 Power Conference, Charlotte, North Carolina, USA, 26 - 30 Haziran 2016
- **PERFORMANCE ANALYSIS OF A SINGLE CYLINDER SPARK IGNITION CNGENGINE BY USING CFD ANALYSIS AND TWO ZONE COMBUSTION MODEL**
ARSLAN F., ÜST Y., GONCA G.
CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2016, 11 - 13 Mayıs 2016
- **PERFORMANCE ANALYSIS OF A SINGLE CYLINDER SPARK IGNITION CNG ENGINE BY USING CFD ANALYSIS AND TWO ZONE COMBUSTION MODEL**
ARSLAN F., ÜST Y.
2ND INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 10 - 13 Mayıs 2016, pp.396-403
- **Performance Analysis of Turbocharged 2 Stroke Diesel Engine**
GÜNEŞ Ü., ÜST Y., KARAKURT A. S.
1st International Conference on Engineering and Natural Sciences, 15 - 19 Mayıs 2015
- **Performance Analysis of Turbocharged 2-Stroke Diesel Engine**
Güneş Ü., Üst Y., Karakurt A. S.
1st International Conference on Engineering and Natural Sciences, Skopje, Macedonia, 15 - 19 Mayıs 2015, vol.1, pp.656-664
- **Exergetic Performance Analyses of Natural Gas Liquefaction**
KARAKURT A. S. , GÜNEŞ Ü., ARDA M., ÜST Y.
2nd International Symposium on Naval Architecture and Maritime. 2nd International Symposium on Naval Architecture and Maritime, 22 - 24 Ekim 2014
- **Exergetic Performance Analyses of Natural Gas Liquefaction Processes**
KARAKURT A. S. , GÜNEŞ Ü., ÜST Y.
INT-NAM 2014 2st International Symposium on Naval Architecture and Maritime, İstanbul, Turkey, 23 - 24 Ekim 2014, vol.1, pp.235-247
- **Computer Simulation Of Steam Water Injected Gas Turbine Engines The International Centre for Heat and Mass Transfer**
KAYADELEN H. K. , ÜST Y.
Eight Mediterranean Combustion Symposium, 8 - 13 Eylül 2013, vol.1

- **EEDI Assessment of Recently Built Tankers in Turkey 4th International Symposium of Maritime Safety Security Environmental Protection**
TURAN E., ÜST Y.
MASSEP 2013, 30 - 31 Mayıs 2013
- **COMPARISON OF STEAM INJECTED DIESEL ENGINE AND MILLER CYCLED DIESEL ENGINE BY USING TWO ZONE COMBUSTION MODEL**
GONCA G., ŞAHİN B., ÜST Y., PARLAK A., SAFA A.
12. International Combustion Symposium, 24 - 26 Mayıs 2012
- **İKİ BÖLGELİ YANMA MODELİYLE BUHAR ENJEKSİYONLU DİZEL VE MILLER ÇEVİRİMLİ DİZEL MOTORLARININ KAPSAMLI OLARAK KARŞILAŞTIRILMASI**
KAYADELEN H. K. , GONCA G., ŞAHİN B., ÜST Y., SAFA A., PARLAK A.
12th International Combustion Symposium, 24 - 26 Mayıs 2012
- **Comparison of Diesel Engine and Miller Cycled Diesel Engine by Using Two Zone Combustion Model**
GONCA G., KAYADELEN H. K. , SAFA A., ŞAHİN B., PARLAK A., ÜST Y.
INT-NAM 2011, İstanbul, Turkey, 24 - 25 Ekim 2011
- **A Comparative Maritime Transportation Cost Analysis For Different Type of Vessels**
ÜST Y., TURAN E.
13th International Conference, Maritime Transport and Infrastructure - 2011, 28 - 29 Nisan 2011
- **HEAT TRANSFER EFFECTS ON THE PERFORMANCE OF AN AIRSTANDARDIRREVERSIBLE OTTO CYCLE**
ÜST Y., GONCA G., KAYADELEN H. K.
11. International Combustion Symposium, 1 - 03 Mayıs 2010
- **Exergetic Performance Analyses of Natural Gas Liquefaction Processes**
ÜST Y., Güneş Ü., Arda M., ÜST Y.
2nd International Symposium on Naval Architecture and Maritime
- **Performance Analysis of an Irreversible Diesel Cycle Based on a New Thermo-Ecological Performance Criterion: Ecological Coefficient of Performance (ECOP)**
Üst Y.
- **Ecologic Performance of Combined Heat and Power Systems**
ÜST Y.
- **EEDI ASSESSMENT OF RECENTLY BUILT TANKERS IN TURKEY**
ÜST Y.
4th International Symposium of Maritime Safety Security & Environmental Protection
- **Gemi Islak Alanının Isı Değiştirici Olarak Kullanılmasına Yönelik Sayısal Analiz**
ÜST Y.
Gemi İnşaatı ve Deniz Teknolojisi Teknik Kongresi
- **Performance Analysis of Turbocharged Two-Stroke Diesel**
ÜST Y., Karakurt A. S.
International Conference on Engineering and Natural Sciences (ICENS)
- **Investigation of The Effects of Steam Injection Into The Supercharged Diesel Engine with Running Miller Cycle on Performance And Emissions**
Parlak A., Şahin B., ÜST Y., Ayhan V., Cesur İ.
7th International Advanced Technologies Symposium (IATS'13)
- **NOx Emisyonlarının Azaltılmasında Yeni Bir Yöntem: Elektronik Kontrollü Su Buharı Enjeksiyonu**
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- **Computer Simulation Of Steam/Water Injected Gas Turbine Engines**
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Supported Projects

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Citations

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