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Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 6889

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliđi Anabilim Dalı, Turkey 1992 - 1999

Postgraduate, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliđi Bölümü, Turkey 1988 - 1992

Undergraduate, Uludađ Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliđi Bölümü, Turkey 1984 - 1988

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Termoakustik Güç Üretiminin Analizi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliđi Anabilim Dalı, 1999

Postgraduate, Evaporatif Sođutma, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliđi Bölümü, 1990

Research Areas

Thermodynamics, Heat and Mass Transfer, Heating, Refrigerating and Air Conditioning, Internal Combustion Engines, Thermal Systems, Thermal machines, Engineering and Technology

Academic Titles / Tasks

Professor, Kocaeli University, Teknoloji Fakültesi, Otomotiv Mühendisliđi Bölümü, 2012 - Continues

Associate Professor, Kocaeli University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, 2006 - 2012

Assistant Professor, Kocaeli University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, 1999 - 2006

Lecturer, Kocaeli University, Kocaeli Meslek Yüksekokulu, Elektrik Ve Enerji Bölümü, 1991 - 1999

Research Assistant, Uludađ Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliđi Bölümü, 1989 - 1991

Academic and Administrative Experience

Kocaeli Üniversitesi, Teknoloji Fakültesi, Otomotiv Mühendisliği Bölümü, 2014 - 2016

Kocaeli Üniversitesi, Teknoloji Fakültesi, 2012 - 2015

Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği Anabilim Dalı, 2011 - 2012

Kocaeli Üniversitesi, Teknik Eğitim Fakültesi, 2010 - 2012

Courses

Termodinamiğin Otomotiv Teknolojilerine Uygulanma Esasları, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Bitirme Projesi A, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Mekanik Ölçümler ve Enstrumantasyon, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Ölçme Tekniği, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Bitirme Projesi B, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

İngilizce Teknik Yazım ve Raporlama, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Termodinamik II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Mekanik Ölçümler ve Enstrumantasyon, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Termodinamik I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Isı Transferi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Performance comparison of a mobile air conditioning system using an orifice tube as an expansion device for R1234yf and R134a**
Gungor U., HOŞÖZ M.
Science and Technology for the Built Environment, 2024 (SCI-Expanded)
- II. **Experimental performance comparison of R1234yf and R134a automobile air conditioning systems employing a variable capacity compressor**
TAŞDEMİRCİ E., ALPTEKİN E., HOŞÖZ M.
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.90, no.1-4, pp.1-18, 2022 (SCI-Expanded)
- III. **Experimental energy and exergy performance of an automotive heat pump using R1234yf**
Alkan A., Kolip A., HOŞÖZ M.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.146, no.2, pp.787-799, 2021 (SCI-Expanded)
- IV. **Performance evaluation of an automotive air conditioning and heat pump system using R1234yf and R134a**
Aral M. C., Suhermanto M., HOŞÖZ M.
SCIENCE AND TECHNOLOGY FOR THE BUILT ENVIRONMENT, vol.27, no.1, pp.44-60, 2021 (SCI-Expanded)
- V. **Thermal Science and Technology 2019: New research and technologies in air conditioning and refrigeration**
HOŞÖZ M., ARICI M.
SCIENCE AND TECHNOLOGY FOR THE BUILT ENVIRONMENT, vol.27, no.1, pp.1, 2020 (SCI-Expanded)
- VI. **Comparative performance of an automobile heat pump system with an internal heat exchanger using R1234yf and R134a**
Tasdemirci E., ALPTEKİN E., HOŞÖZ M.
INTERNATIONAL JOURNAL OF EXERGY, vol.33, no.1, pp.98-113, 2020 (SCI-Expanded)
- VII. **EMPIRICAL CORRELATIONS FOR THE PERFORMANCE OF AN AUTOMOTIVE AIR CONDITIONING SYSTEM USING R1234yf AND R134a**
Aral M. C., HOŞÖZ M., Subermanto M.
ISI BİLİMİ VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.37, no.1, pp.127-137, 2017 (SCI-Expanded)
- VIII. **Performance evaluation of an R134a automotive heat pump system for various heat sources in**

comparison with baseline heating system

HOŞÖZ M., Direk M., YİĞİT K. S., ÇANAKCI M., TÜRKCAN A., ALPTEKİN E., Sanli A.
APPLIED THERMAL ENGINEERING, vol.78, pp.419-427, 2015 (SCI-Expanded)

- IX. **SECOND LAW BASED THERMODYNAMIC ANALYSIS OF COMPRESSION-ABSORPTION CASCADE REFRIGERATION CYCLES**
CİMŞİT C., ÖZTÜRK İ. T., HOŞÖZ M.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.34, no.2, pp.9-18, 2014 (SCI-Expanded)
- X. **The effects of using diethylether as additive on the performance and emissions of a diesel engine fuelled with CNG**
Karabektas M., Ergen G., HOŞÖZ M.
FUEL, vol.115, pp.855-860, 2014 (SCI-Expanded)
- XI. **ANFIS modelling of the performance and emissions of a diesel engine using diesel fuel and biodiesel blends**
HOŞÖZ M., ERTUNÇ H. M., Karabektas M., Ergen G.
APPLIED THERMAL ENGINEERING, vol.60, pp.24-32, 2013 (SCI-Expanded)
- XII. **Effects of the blends containing low ratios of alternative fuels on the performance and emission characteristics of a diesel engine**
Karabektas M., Ergen G., HOŞÖZ M.
FUEL, vol.112, pp.537-541, 2013 (SCI-Expanded)
- XIII. **MODELLING OF AN AUTOMOTIVE AIR CONDITIONING SYSTEM USING ANFIS**
HOŞÖZ M., ALKAN A., ERTUNÇ H. M.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.33, no.1, pp.127-137, 2013 (SCI-Expanded)
- XIV. **An adaptive neuro-fuzzy inference system model for predicting the performance of a refrigeration system with a cooling tower**
HOŞÖZ M., ERTUNÇ H. M., BULGURCU H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.11, pp.14148-14155, 2011 (SCI-Expanded)
- XV. **Energy and irreversibility analysis of a cascade refrigeration system for various refrigerant couples**
Kilicarslan A., HOŞÖZ M.
ENERGY CONVERSION AND MANAGEMENT, vol.51, no.12, pp.2947-2954, 2010 (SCI-Expanded)
- XVI. **EXPERIMENTAL PERFORMANCE OF AN AUTOMOBILE AIR CONDITIONING SYSTEM USING AN ORIFICE TUBE FOR FIXED AND VARIABLE CAPACITY COMPRESSORS**
Alkan A., HOŞÖZ M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.25, no.2, pp.415-421, 2010 (SCI-Expanded)
- XVII. **Comparative performance of an automotive air conditioning system using fixed and variable capacity compressors**
Alkan A., HOŞÖZ M.
INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID, vol.33, no.3, pp.487-495, 2010 (SCI-Expanded)
- XVIII. **Experimental performance of an automobile air conditioning system using a variable capacity compressor for two different types of expansion devices**
Alkan A., HOŞÖZ M.
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.52, pp.160-176, 2010 (SCI-Expanded)
- XIX. **Performance prediction of a CI engine using artificial neural network for various SME and diesel fuel blends**
GÖKALP B., ERTUNÇ H. M., HOŞÖZ M., SARAÇ H. İ.
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.54, no.2, pp.156-176, 2010 (SCI-Expanded)
- XX. **Performance and emission characteristics of a diesel engine using isobutanol-diesel fuel blends**
Karabektas M., HOŞÖZ M.

- RENEWABLE ENERGY, vol.34, no.6, pp.1554-1559, 2009 (SCI-Expanded)
- XXI. **The effects of preheated cottonseed oil methyl ester on the performance and exhaust emissions of a diesel engine**
Karabektas M., Ergen G., HOŞÖZ M.
APPLIED THERMAL ENGINEERING, vol.28, pp.2136-2143, 2008 (SCI-Expanded)
- XXII. **Comparative analysis of an evaporative condenser using artificial neural network and adaptive neuro-fuzzy inference system**
ERTUNÇ H. M., HOŞÖZ M.
INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID, vol.31, no.8, pp.1426-1436, 2008 (SCI-Expanded)
- XXIII. **Energy and exergy analysis of an Automobile Heat Pump system**
Direk M., HOŞÖZ M.
INTERNATIONAL JOURNAL OF EXERGY, vol.5, pp.556-566, 2008 (SCI-Expanded)
- XXIV. **Modelling of a direct evaporative air cooler using artificial neural network**
HOŞÖZ M., ERTUNÇ H. M., Ozguc A. F.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.32, no.1, pp.83-89, 2008 (SCI-Expanded)
- XXV. **Performance prediction of a cooling tower using artificial neural network**
Hosoz M., Ertunc H. M., BULGURCU H.
ENERGY CONVERSION AND MANAGEMENT, vol.48, no.4, pp.1349-1359, 2007 (SCI-Expanded)
- XXVI. **Energy and exergy analyses of a gasoline engine**
SAYIN C., HOŞÖZ M., ÇANAKCI M., KILIÇASLAN İ.
International Journal of Energy Research, vol.31, no.3, pp.259-273, 2007 (SCI-Expanded)
- XXVII. **Performance and exhaust emissions of a gasoline engine using artificial neural network**
SAYIN C., Ertunc H. M., Hosoz M., KILIÇASLAN İ., Canakci M.
APPLIED THERMAL ENGINEERING, vol.27, no.1, pp.46-54, 2007 (SCI-Expanded)
- XXVIII. **R12 VE R134a SOĞUTUCU AKIŞKANLARI KULLANAN OTOMOBİL İKLİMLENDİRME SİSTEMİNİN DENEYSEL PERFORMANS ANALİZİ**
Esen D. Ö., Hoşöz M.
Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.21, no.4, pp.703-709, 2006 (SCI-Expanded)
- XXIX. **Modelling of a cascade refrigeration system using artificial neural network**
Hosoz M., Ertunc H. M.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.30, no.14, pp.1200-1215, 2006 (SCI-Expanded)
- XXX. **Energy and exergy analyses of a diesel engine fuelled with various biodiesels**
Canakci M., Hosoz M.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.1, no.4, pp.379-394, 2006 (SCI-Expanded)
- XXXI. **Artificial neural network analysis of an automobile air conditioning system**
Hosoz M., Ertunc H. M.
ENERGY CONVERSION AND MANAGEMENT, vol.47, pp.1574-1587, 2006 (SCI-Expanded)
- XXXII. **Artificial neural network analysis of a refrigeration system with an evaporative condenser**
Ertunc H. M., Hosoz M.
APPLIED THERMAL ENGINEERING, vol.26, pp.627-635, 2006 (SCI-Expanded)
- XXXIII. **Performance evaluation of an integrated automotive air conditioning and heat pump system**
Hosoz M., Direk M.
ENERGY CONVERSION AND MANAGEMENT, vol.47, no.5, pp.545-559, 2006 (SCI-Expanded)
- XXXIV. **Performance evaluations of refrigeration systems with air-cooled, water-cooled and evaporative condensers**
Hosoz M., Kilicarslan A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.28, no.8, pp.683-696, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Energetic and exergetic performance comparison o an experimental automotive air conditioning system using refrigerants R1234yf and R134a**
Alkan A., KOLİP A., HOŞÖZ M.
JOURNAL OF THERMAL ENGINEERING, vol.7, no.5, pp.1163-1173, 2021 (ESCI)
- II. **Comparison of the experimental performance of round and flat tube automobile radiators for various coolants**
Hoşöz M., Keklik E.
Politeknik Dergisi, vol.23, pp.1-11, 2020 (ESCI)
- III. **COMPARISON OF THE EXPERIMENTAL PERFORMANCE OF AN AUTOMOTIVE HEAT PUMP SYSTEM USING HFO1234yf AND HFC134a**
HOŞÖZ M., SUHERMANTO M., ARAL M. C.
International Scientific Journal - Journal of Environmental Science, vol.5, pp.1-7, 2016 (Peer-Reviewed Journal)
- IV. **Performance Comparison of Single-Stage and Cascade Refrigeration Systems Using R134a as the Working Fluid**
Hoşöz M.
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, vol.29, pp.285-296, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **ISI POMPASI VE DİĞER SİSTEMLER ARASINDAKİ ENERJİ VERİMLİLİĞİNİN KARŞILAŞTIRILMASI HAKKINDA BİR İNCELEME ÇALIŞMASI**
Baş F., Kibar A., Hoşöz M.
MAS 12th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL MEDICAL SCIENCES, Ankara, Turkey, 18 - 19 July 2020
- II. **R134a Soğutucu akışkanlı Bir Otomobil İklimlendirme Sisteminde R1234yf Kullanımının Performansa Etkilerinin Deneysel Olarak Araştırılması**
ARAL M. C., HOŞÖZ M.
22 CONGRESS ON THERMAL SCIENCE AND TECHNOLOGY, Kocaeli, Turkey, 11 - 14 September 2019, vol.2, pp.835-843
- III. **PERFORMANCE COMPARISON OF REFRIGERANTS R1234ZE(E), R1234YF AND R134A IN AN AUTOMOBILE AIR CONDITIONING SYSTEM**
HOŞÖZ M., ALKAN A.
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS (CIEA 2018), Sivas, Turkey, 20 - 22 September 2018, vol.2, pp.239-246
- IV. **Experimental Study on the Effects of Condenser and Evaporator Air Flow Rates in an Automotive Air Conditioning System**
ALKAN A., KOLİP A., HOŞÖZ M.
International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, vol.3, pp.489-496
- V. **Experimental Heat Transfer Performance of a Louvered-Fin and Flat-Tube Automotive Radiator for Various Engine Coolants**
Keklik E., HOŞÖZ M.
International Conference on Innovative Engineering Applications (CIEA 2018), Sivas, Turkey, 20 - 22 September 2018, vol.2, pp.278-285
- VI. **Gaussian Process Regression Modelling of The Performance Of An R1234yf Automobile Air Conditioning System**
KAPLAN K., ARAL M. C., SUHERMANTO M., ERTUNÇ H. M., HOŞÖZ M.

International Conference on Data Science and Applications, ICONDATA 2018, 4 - 07 October 2018

VII. DEVELOPMENT OF A TEST RIG FOR AUTOMOTIVE RADIATORS AND PRELIMINARY TESTS USING VARIOUS ENGINE COOLANTS

Keklik E., HOŞÖZ M.

9th International Automotive Technologies Congress (OTEKON 2018), Bursa, Turkey, 7 - 08 May 2018, pp.559-568

VIII. Support vector regression modeling of the performance of an R1234yf automotive air conditioning system

HOŞÖZ M., KAPLAN K., Aral M. C., SUHERMANTO M., ERTUNÇ H. M.

5th International Conference on Energy and Environment Research (ICEER), Prague, Czech Republic, 23 - 27 July 2018, vol.153, pp.309-314

IX. Comparative Performance of an Automotive Air Conditioning System for Refrigerants HF01234ze(E) and HFC134a

HOŞÖZ M., ALKAN A.

The 8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 - 22 October 2017, pp.985-992

X. Experimental Investigation of Using R1234yf as Alternative to R134a in an Automobile Air Conditioning System

ALKAN A., KOLİP A., HOŞÖZ M.

The 8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 - 22 October 2017, pp.2425-2432

XI. Effect of Refrigerant Charge on the Performance of an Automobile Air Conditioning System Using Fixed and Variable Capacity Compressors

ALKAN A., Doğan E., HOŞÖZ M.

The 8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 - 22 October 2017, pp.1074-1080

XII. ANFIS Modelling of an Automotive Air Conditioning System Using R1234yf

HOŞÖZ M., KAPLAN K., ARAL M. C., SUHERMANTO M., ERTUNÇ H. M.

8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 - 22 October 2017, pp.539-546

XIII. Artificial Neural Network Modelling of a Mobile Air Conditioning System Using Refrigerant R1234yf

HOŞÖZ M., KAPLAN K., SUHERMANTO M., ARAL M. C., ERTUNÇ H. M.

5th International Symposium on Innovative Technologies in Engineering and Science (ISITES'17), Baku, Azerbaijan, 29 - 30 September 2017, pp.615-624

XIV. Experimental Performance Comparison of R134a and R1234yf Automobile Heat Pump Systems

HOŞÖZ M., TAŞDEMİRCİ E., ALPTEKİN E.

16th International Conference on Sustainable Energy Technologies, 17 - 20 July 2017, vol.1, pp.1-10

XV. Experimental Performance Analysis of an Automotive Air Conditioning and Heat Pump System using R134a with and without Internal Heat Exchanger

TAŞDEMİRCİ E., ALPTEKİN E., HOŞÖZ M.

Fourth International Conference on Advances in Mechanical and Robotics Engineering, 15 - 16 December 2016, vol.1, pp.19-24

XVI. Experimental Performance Analysis of an R134a Automobile Air Conditioning and Air Sourced Heat Pump System

HOŞÖZ M., TAŞDEMİRCİ E., ALPTEKİN E.

4th International Symposium on Innovative Technologies in Engineering and Science, Turkey, 3 - 05 November 2016, vol.1, pp.582-592

XVII. Heat Transfer Modelling of a Parallel Flow Micro Channel Louvered Fin Condenser Using Refrigerants R134a and R1234yf

ARAL M. C., HOŞÖZ M., SUHERMANTO M.

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.1-11

XVIII. COMPARISON OF THE EXPERIMENTAL PERFORMANCE OF AN AUTOMOTIVE HEAT PUMP SYSTEM

USING HFO1234YF AND HFC134A

HOŞÖZ M., SUHERMANTO M., ARAL M. C.

International Conference on Environment and Renewable Energy (ICERE 2016), Munich, Germany, 25 - 27 May 2016

- XIX. **Effect of Ambient Temperature on the Performance Characteristics of Automotive Air Conditioning System Using R1234yf and R134a: Energy and Exergy-based approaches**
Suhermanto M., HOŞÖZ M., Aral M. C.
International Mechanical Engineering and Engineering Education Conferences (IMEEEEC), Malang, Indonesia, 7 - 08 October 2016, vol.1778
- XX. **Biofuels Used in IC Engines and Their Potential for Turkey**
KARABEKTAŞ M., HOŞÖZ M.
3rd International Symposium on Innovative Technologies in Engineering and Science (ISITES2015), Valencia, Spain, 3 - 05 June 2015
- XXI. **Energy and exergy analysis of an R134a automotive heat pump system for various heat sources in comparison with baseline heating system**
HOŞÖZ M., DİREK M., YİĞİT K. S., ÇANAKCI M., TÜRKCAN A., ALPTEKİN E.
Proceedings of the Sixth International Exergy, Energy and Environment Symposium (IEEES-6), 1 - 04 June 2013
- XXII. **R134a Soğutucu Akışkanlı Bir Otomobil İklimlendirme Sisteminin Performansına Çalışma Koşullarının Etkisinin Deneysel Olarak İncelenmesi**
HOŞÖZ M., DİREK M., YİĞİT K. S., ÇANAKCI M., TÜRKCAN A., ALPTEKİN E.
1. Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu, Balıkesir, Turkey, 13 - 15 September 2012
- XXIII. **Experimental Performance of An R134a Automobile Heat Pump System coupled to the passenger compartment**
HOŞÖZ M., DİREK M., YİĞİT K. S., ÇANAKCI M., TÜRKCAN A., ALPTEKİN E., ŞANLI A., ÖZGÜÇ A. F.
Worldrenewable Energy Congress, 13 - 15 September 2011, vol.13
- XXIV. **Yoğuşturucu Boyutlarının Otomobil Klima Sisteminin Performansına Etkisinin Deneysel Analizi**
Tosun E., Hoşöz M., Alkan A., Sari I.
18. Ulusal Isı Bilimi ve Tekniği Kongresi, Zonguldak, Turkey, 7 - 10 September 2011, pp.1-8
- XXV. **Farklı Isı kaynakları Kullanabilen Otomobil Isı Pompası Sisteminin Performansının Dizel Motora Etkisiyle Birlikte İncelenmesi**
HOŞÖZ M., DİREK M., YİĞİT K. S., ÇANAKCI M., TÜRKCAN A., ALPTEKİN E., ŞANLI A.
18. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 7 - 09 September 2011, vol.1, pp.573-578
- XXVI. **Experimental Performance of an Automotive Heat Pump System for Various Heat Sources**
DİREK M., HOŞÖZ M., YİĞİT K. S., ÇANAKCI M., TÜRKCAN A., ALPTEKİN E., ŞANLI A., ÖZGUÇ A. F.
International Congress on Automotive and Transport Engineering , CONAT 2010, Brasov, Romania, 27 - 29 October 2010
- XXVII. **Transient and steady state performance evaluation of an R134a automotive air conditioning system**
HOŞÖZ M., DİREK M., YİĞİT K. S., ÇANAKCI M., TÜRKCAN A., ALPTEKİN E., SANLI A., ÖZGUÇ A. F.
5. Otomotiv Teknolojileri Kongresi (OTEKON 2010), Bursa, Turkey, 7 - 08 June 2010
- XXVIII. **Design and Instrumentation of an Automotive Heat Pump System Using Ambient Air Engine Coolant and Exhaust Gas as a Heat Source**
HOŞÖZ M., DİREK M., YİĞİT K. S., ÇANAKCI M., ALPTEKİN E., TÜRKCAN A.
16th International Conference on Thermal Engineering and Thermogrammetry (THERMO), 1 - 03 July 2009
- XXIX. **Termostatik Genleşme Valfi Kullanan Bir Otomobil Klimasının Sabit ve Değişken Kapasiteli Kompresörler İçin Deneysel Performansı**
Alkan A., Hoşöz M.
17. Ulusal Isı Bilimi ve Tekniği Kongresi, Sivas, Turkey, 24 - 27 June 2009, pp.1-8
- XXX. **Experimental Performance of an Automobile Air Conditioning System with a Fixed Capacity Compressor Using Orifice Tube and Thermostatic Expansion Valve**
Alkan A., Hoşöz M.
Third Int. Exergy, Energy and Environment Symposium (IEEES3), Sharjah, United Arab Emirates, 19 April 2009,

pp.1-10

- XXXI. **Buhar Sıkıştırılmalı Kaskat Soğutma Sisteminin Elemanlarının Tersinmezlik Analizi**
Kiliçarslan A., Hoşöz M.
1. Soğutma Teknolojileri Sempozyumu ve Sergisi, İzmir, Turkey, 9 - 12 October 2008, pp.1-9
- XXXII. **Isı Kaynağı Olarak Çevre Havası, Motor Soğutma Suyu ve Egzoz Gazı Kullanabilen Otomobil Isı Pompasının Tasarımı**
Hoşöz M., Direk M.
4. Otomotiv Teknolojileri Kongresi (OTEKON'08), Bursa, Turkey, 1 - 04 June 2008, pp.247-254
- XXXIII. **Kaskat Soğutma Sistemlerinde Kullanılan Soğutucu Akışkan Çiftlerinin Kıyaslanması**
Kiliçarslan A., Hoşöz M.
16. Ulusal Isı Bilimi ve Tekniği Kongresi, Kayseri, Turkey, 30 May - 02 June 2007, pp.1123-1130
- XXXIV. **Isı Pompası Olarak Çalışabilen Bir Otomobil Klimasının Deneysel Analizi**
Hoşöz M., Direk M.
15. Ulusal Isı Bilimi ve Tekniği Kongresi, Trabzon, Turkey, 7 - 09 September 2005, pp.765-770
- XXXV. **Soğutucu akışkanları ve kompresör devrinin otomobil klimalarının performansına etkisinin deneysel analizi Dilek Özlem Esen Murat Hoşöz**
ESEN D. Ö., HOŞÖZ M.
Tesisat Dergisi, TMMOB Ulusal İklimlendirme Sempozyumu ve Sergisi, Turkey, 07 September 2005
- XXXVI. **Exergy Analysis of an Automobile Air Conditioning System Using R134a**
Hoşöz M.
Second Int. Exergy, Energy and Environment Symposium (IEEES2), Samos, Greece, 03 July 2005, pp.1-8
- XXXVII. **The effect of compressor speed on the performance of automobile air conditioning systems**
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