

Prof. HAYDAR ARAS

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), Turkey 1991 - 1996
Postgraduate, Anadolu University, Institute Of Science, Makine Mühendisliği (YI) (Tezli), Turkey 1989 - 1991
Undergraduate, Anadolu University, Faculty Of Engineering-Architecture, Department Of Mechanical Engineering, Turkey 1984 - 1989

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Doğal gaz yakan sistemlerde baca gazından ısı geri kazanımı, Anadolu University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 1991

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 2012 - Continues

Associate Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 2006 - 2012

Assistant Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, 1997 - 2006

Academic and Administrative Experience

Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği Bölümü,

2024 - Continues

Head of Department, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği Bölümü,
2023 - Continues

Member of the Senate, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ
BÖLÜMÜ, 2023 - Continues

Director of the Center, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MAKİNE MÜHENDİSLİĞİ
BÖLÜMÜ, 2019 - 2022

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Makine Mühendisliği Bölümü, 2007 - 2010

Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Makine Mühendisliği Bölümü, 1997 - 1999

Courses

Postgraduate

KOJENERASYON SİSTEMLERİ, Postgraduate, 2022 - 2023, 2008 - 2009, 2007 - 2008, 2005 - 2006, 2004 - 2005

GÜNEŞ ISINIM HESAP MODELLEMESİ, Postgraduate, 2009 - 2010, 2008 - 2009, 2006 - 2007, 2005 - 2006, 2004 - 2005

Undergraduate

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

BİLEŞİK ISI GÜÇ SİSTEMLERİ, Undergraduate, 2022 - 2023, 2019 - 2020, 2015 - 2016

MÜHENDİSLİK TERMODİNAMİĞİ - I, Undergraduate, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017,
2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2006 - 2007,
2005 - 2006

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

BİLEŞİK ISI GÜÇ SİSTEMLERİ, Undergraduate, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016

GÜNEŞ ENERJİSİ, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2006 -
2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

YENİLENEBİLİR ENERJİ KAYNAKLARI SİSTEM TAS. ARAŞ., Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017
- 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

ISI TRANSFERİ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 -
2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

ISI EKONOMİSİ, Undergraduate, 2020 - 2021, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 -
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TOPLAM KALİTE YÖNETİMİ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 -
2014

MAKİNA LAB. - II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 -
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MÜHENDİSLİK TERMODİNAMİĞİ - II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017,
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YENİLENEBİLİR ENERJİ KAYNAKLARI SİSTEM TAS. ARAŞ., Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017
- 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

MAKİNE LAB. - I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 -
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TERMODİNAMİK, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 -
2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

MAKİNE MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2009 - 2010

MAKİNE MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2009 - 2010

TOPLAM KALİTE YÖNETİMİ, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014

TERMODİNAMİK, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

TERMODİNAMİK, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

MAKİNE LAB. - I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2001 - 2002

BİLEŞİK ISI GÜÇ SİSTEMLERİ, Undergraduate, 2013 - 2014, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

GÜNEŞ ENERJİSİ, Undergraduate, 2013 - 2014, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

ISI EKONOMİSİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

ISI TRANSFERİ, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

BUHAR KAZANLARI, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

BUHAR KAZANLARI, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

TOPLUMA HİZMET UYGULAMALARI - II, Undergraduate, 2009 - 2010

TOPLUMA HİZMET UYGULAMALARI - II, Undergraduate, 2009 - 2010

BİLEŞİK ISI GÜÇ SİSTEMLERİ, Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2004 - 2005, 2003 - 2004, 2001 - 2002

TOPLUMA HİZMET UYGULAMALARI - I, Undergraduate, 2009 - 2010

TOPLUMA HİZMET UYGULAMALARI - I, Undergraduate, 2009 - 2010

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Technical University, January, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi University, November, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Technical University, September, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi University, July, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Technical University, May, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bilecik Seyh Edebali University, January, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Anadolu Üniversitesi, April, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Evaluation of Optimum Insulation Thickness According to External Wall Types to Be Used in**

Buildings to Be Reconstructed in Turkey

TİMURALP Ç., Aras N., Sisman N., ARAS H.

APPLIED SCIENCES-BASEL, no.5, 2025 (SCI-Expanded)

- II. **Advanced exergy analysis of a trigeneration system with a diesel-gas engine operating in a refrigerator plant building**
AÇIKKALP E., ARAS H., HEPBAŞLI A.
ENERGY AND BUILDINGS, vol.80, pp.268-275, 2014 (SCI-Expanded)
- III. **Advanced exergy analysis of an electricity-generating facility using natural gas**
AÇIKKALP E., ARAS H., HEPBAŞLI A.
ENERGY CONVERSION AND MANAGEMENT, vol.82, pp.146-153, 2014 (SCI-Expanded)
- IV. **Advanced exergoeconomic analysis of a trigeneration system using a diesel-gas engine**
AÇIKKALP E., ARAS H., HEPBAŞLI A.
APPLIED THERMAL ENGINEERING, vol.67, pp.388-395, 2014 (SCI-Expanded)
- V. **Advanced exergoenvironmental assessment of a natural gas-fired electricity generating facility**
AÇIKKALP E., ARAS H., HEPBAŞLI A.
ENERGY CONVERSION AND MANAGEMENT, vol.81, pp.112-119, 2014 (SCI-Expanded)
- VI. **Advanced exergoeconomic analysis of an electricity-generating facility that operates with natural gas**
AÇIKKALP E., ARAS H., HEPBAŞLI A.
ENERGY CONVERSION AND MANAGEMENT, vol.78, pp.452-460, 2014 (SCI-Expanded)
- VII. **Thermodynamic and thermoeconomic analyses of a trigeneration (TRIGEN) system with a gas-diesel engine: Part II - An application**
Balli O., ARAS H., Hepbasli A.
ENERGY CONVERSION AND MANAGEMENT, vol.51, no.11, pp.2260-2271, 2010 (SCI-Expanded)
- VIII. **Thermodynamic and thermoeconomic analyses of a trigeneration (TRIGEN) system with a gas-diesel engine: Part I - Methodology**
Balli O., ARAS H., Hepbasli A.
ENERGY CONVERSION AND MANAGEMENT, vol.51, no.11, pp.2252-2259, 2010 (SCI-Expanded)
- IX. **Exergoeconomic analysis of a combined heat and power (CHP) system**
Balli O., ARAS H., Hepbasli A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.32, no.4, pp.273-289, 2008 (SCI-Expanded)
- X. **Exergetic and exergoeconomic analysis of an Aircraft Jet Engine (AJE)**
Balli O., ARAS H., ARAS N., Hepbasli A.
INTERNATIONAL JOURNAL OF EXERGY, vol.5, pp.567-581, 2008 (SCI-Expanded)
- XI. **Exergoeconomic analysis of a combined heat and power system with the micro gas turbine (MGTCHP)**
ARAS H., Balli O.
ENERGY EXPLORATION & EXPLOITATION, vol.26, no.1, pp.53-70, 2008 (SCI-Expanded)
- XII. **Energetic and exergetic performance evaluation of a combined heat and power system with the micro gas turbine (MGTCHP)**
Balli O., ARAS H.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.31, no.14, pp.1425-1440, 2007 (SCI-Expanded)
- XIII. **Determination of optimum insulation thicknesses of the external walls and roof (ceiling) for Turkey's different degree-day regions**
Sisman N., Kahya E., Aras N., ARAS H.
ENERGY POLICY, vol.35, no.10, pp.5151-5155, 2007 (SCI-Expanded)
- XIV. **Exergetic performance evaluation of a combined heat and power (CHP) system in Turkey**
Balli O., ARAS H., Hepbasli A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.31, no.9, pp.849-866, 2007 (SCI-Expanded)
- XV. **Energetic analyses of the combined heat and power (CHP) system**
Balli O., ARAS H.

- ENERGY EXPLORATION & EXPLOITATION, vol.25, no.1, pp.39-62, 2007 (SCI-Expanded)
- XVI. **Estimating and statistically analyzing the global solar radiation potential over big cities in Turkey**
Balli O., ARAS H., ARAS N., Hepbasli A.
ENERGY EXPLORATION & EXPLOITATION, vol.25, no.4, pp.301-311, 2007 (SCI-Expanded)
- XVII. **Estimating the horizontal diffuse solar radiation over the Central Anatolia Region of Turkey**
ARAS H., Balli O., Hepbasli A.
ENERGY CONVERSION AND MANAGEMENT, vol.47, pp.2240-2249, 2006 (SCI-Expanded)
- XVIII. **Global solar radiation potential, part 2: Statistical analysis**
ARAS H., Balli O., Hepbasli A.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.1, no.3, pp.317-326, 2006 (SCI-Expanded)
- XIX. **Global solar radiation potential, part 1: Model development**
ARAS H., Balli O., Hepbasli A.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.1, no.3, pp.303-315, 2006 (SCI-Expanded)
- XX. **Evaluation of alternative fuels for residential heating in Turkey using analytic network process (ANP) with group decision-making**
Erdogmus S., ARAS H., Koc E.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.10, no.3, pp.269-279, 2006 (SCI-Expanded)
- XXI. **Multi-criteria selection for a wind observation station location using analytic hierarchy process**
ARAS H., Erdogmus S., Koc E.
RENEWABLE ENERGY, vol.29, no.8, pp.1383-1392, 2004 (SCI-Expanded)
- XXII. **Forecasting residential natural gas demand**
ARAS H., Aras N.
ENERGY SOURCES, vol.26, no.5, pp.463-472, 2004 (SCI-Expanded)
- XXIII. **Condition and development of the cogeneration facilities based on autoproduction investment model in Turkey**
ARAS H.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.7, no.6, pp.553-559, 2003 (SCI-Expanded)
- XXIV. **Wind energy status and its assessment in Turkey**
ARAS H.
RENEWABLE ENERGY, vol.28, no.14, pp.2213-2220, 2003 (SCI-Expanded)
- XXV. **A technical note on "Modeling of gas demand using degree-day concept: Case study for Ankara"**
ARAS H.
ENERGY SOURCES, vol.24, no.7, pp.611-612, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modelling of Turkey's energy consumption using Artificial Neural Networks**
Şişman N., SOFUOĞLU M. A., ARAS N., ARAS H.
Advanced Engineering Forum, 2022 (Peer-Reviewed Journal)
- II. **Pnömatik Sistemlerde Enerji Verimliliği**
ZAİM A., ARAS H.
Mühendis ve Makina, vol.61, no.698, pp.31-45, 2020 (Peer-Reviewed Journal)
- III. **Suda Dağılıma Dayanımı İndeksi (SDI) Deneyinde Kullanılan Küre Örneklerinin Hazırlaması İçin Aşındırıcı Çanak Tasarımı**
ANKARA H., AKSOY M., YEREL KANDEMİR S., ARAS H.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.4, no.2, pp.8-14, 2017 (Peer-Reviewed Journal)
- IV. **Eskişehir'de rüzgar ve güneş enerjisi potansiyelinin belirlenmesi**
Yıldızay H. D., Aras H., Yılmaz V.
Dicle University Journal of Engineering, vol.5, no.1, pp.49-58, 2014 (Peer-Reviewed Journal)
- V. **STATISTICAL ANALYSIS OF WIND SPEED DATA**

Books

- I. **Bileşik Isı Güç Sistemleri, Otoprodüktör Uygulaması**
ARAS H.
in: Elektrik Enerjisi, Üretimi, İletimi ve Dağıtımı, Süleyman Demir, Editor, Anadolu Üniversitesi Basımevi, Eskişehir, pp.190-213, 2020
- II. **Enerji Yoğun Sanayi Sektörleri**
ARAS H.
in: Enerji Yönetimi ve Politikaları, Murat Tanışlı, Yüksel Ergün, Editor, Anadolu Üniversitesi Basımevi, Eskişehir, pp.81-96, 2018
- III. **Enerji Yatırım Modelleri**
ARAS H.
in: Enerji Yönetimi ve Politikaları, Murat Tanışlı, Yüksel Ergün, Editor, Anadolu Üniversitesi Basımevi, Eskişehir, pp.131-148, 2018
- IV. **Tükiye’de ve Avrupa Birliği Ülkelerinde Enerji Yönetim Politikalarının Karşılaştırılma**
ARAS H.
in: Enerji Yönetim ve Politikaları, Murat Tanışlı, Yüksel Ergün, Editor, Anadolu Üniversitesi Basımevi, Eskişehir, pp.171-193, 2018
- V. **Enerji Talep Tahmin Yöntemleri**
ARAS H.
in: Enerji Yönetimi ve Politikaları, Murat Tanışlı, Yüksel Ergün, Editor, Anadolu Üniversitesi Basımevi, Eskişehir, pp.151-168, 2018
- VI. **Hidroelektrik Enerji Santralleri**
ARAS H.
in: Elektrik Enerjisi Üretimi, Prof.Dr.Süleyman Demir, Editor, Anadolu Üniversitesi, Eskişehir, pp.90-113, 2016
- VII. **Taşımacılık Düzenlemeleri**
ARAS H.
in: Ulaştırma Sistemleri, Doç.Dr.Nil Aras, Editor, Anadolu Üniversitesi, Eskişehir, pp.174-197, 2016
- VIII. **Deniz ve Su Yolu Taşımacılığı**
ARAS H.
in: Ulaştırma Sistemleri, Doç.Dr.Nil Aras, Doç.Dr. Ender Gerede, Editor, Anadolu Üniversitesi, Eskişehir, pp.106-129, 2016
- IX. **Bileşik Isı ve Güç Üretimi, Otoprodüktör Uygulaması**
ARAS H.
in: Elektrik Enerjisi Üretimi, Prof.Dr.Süleyman Demir, Editor, Anadolu Üniversitesi, Eskişehir, pp.166-189, 2016

Papers Published in Refereed Scientific Meetings

- I. **HYDRAULIC SYSTEM DESIGN FOR MAGNETIC REFRIGERATOR**
Aras H., Zaim A.
8. Uluslararası Dicle Bilimsel Araştırmalar ve İnovasyon Kongresi, Diyarbakır, Turkey, 15 - 16 March 2025, vol.1, pp.796-801
- II. **YENİLENEBİLİR ENERJİ YATIRIMLARINDA KULLANILAN KARAR KRİTERLERİNİN ANALİZİ**
Karabulut G. Y., ARAS H.
23rd Congress on Thermal Science and Technology with International Participation, Gaziantep, Turkey, 08 September 2021, pp.673-686

- III. **SUALTI MUHAREBE ARAÇLARINDA ALTERNATİF SOĞUTMA TEKNOLOJİSİ**
Zaim A., ARAS H.
3rd International Defense Industry Symposium, Kırıkkale, Turkey, 07 October 2021
- IV. **Magnetic Refrigeration Technology and Applications**
Zaim A., ARAS H.
5th International Anatolian Energy Symposium, Trabzon, Turkey, 24 May 2021, pp.647-654
- V. **TÜRKİYE ELEKTRİK KURULU GÜCÜNÜN VE TÜKETİMİNİN BÖLGELERE GÖRE ANALİZİ**
Şişman N., ARAS N., ARAS H.
4. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 - 20 April 2018, vol.2, pp.1151-1159
- VI. **Suda dağılmaya karşı duraylılık indeksi (SDI) testi için temsili deney örneklerin hazırlanmasında kullanılan aşındırıcı çanaklar.**
ANKARA H., AKSOY M., YEREL KANDEMİR S., ARAS H.
6. Uluslararası Maden Makinaları ve Teknolojileri Kongresi, 18 - 21 October 2017, pp.125-129
- VII. **Assessment of natural radioactivity in lignite mining**
Ankara H., Yerel Kandemir S., Aras H.
7th BALKANMINE CONGRESS, Prijedor, Bosnia And Herzegovina, 11 - 13 October 2017, vol.2, pp.223-225
- VIII. **Examination of Polished Marble Surface by Using the Atomic Force Microscopy**
ANKARA H., YEREL KANDEMİR S., ARAS H., PAT S.
25th International Mining Congress and Exhibition of Turkey New Trends in Mining, 11 - 14 April 2017
- IX. **Food Miles and Applications**
Uğurluoğlu E., ARAS H., ARAS N.
International Conference On Innovations In Engineering And Technology (ICIET-17) March 22-23, 2017 London (UK), Londrina, Brazil, 22 - 23 March 2017, pp.224-231
- X. **Investigation of morphology of polished marble surface by Atomic Force Microscopy AFM**
ANKARA H., ARAS H., ÇELİK YÜREK İ., YEREL KANDEMİR S.
WMES 2016, Prague, Czech Republic, 5 - 09 September 2016
- XI. **A statistical method approach for wind energy potential estimation**
YILDIZAY H. D., ARAS N., YILMAZ V., ARAS H.
WMES 2016, Prague, Czech Republic, 5 - 09 September 2016
- XII. **The Effect of Break Edge Configuration on the Aerodynamics of Anti-Ice Jet Flow**
Tatar V., Yildizay H., Aras H.
9th International Conference on Experimental Fluid Mechanics, EFM 2014, Cesky Krumlov, Czech Republic, 18 - 21 November 2014, vol.92
- XIII. **Konutlarda enerji ve su tüketiminin tahmini**
ARAS H., SOFUOĞLU M. A.
Üretim araştırmaları sempozyumu, Turkey, 27 - 29 September 2012
- XIV. **Importance of Examining Weibull Distribution Fitting in Determining Wind Power**
ARSLAN M. S. T., AÇIKKALP E., ARAS H., YILMAZ V.
10th International Conference on Sustainable Energy Technologies (SET2011), 4 - 07 September 2011
- XV. **Estimation of Monthly Wind Speed by Using Arima Exponential Smoothing Technique**
YILMAZ V., ARAS H., ARAS N., ÇELİK H. E.
The First Cappadocia International Mechanical Engineering Symposium, 14 - 16 July 2004
- XVI. **Estimation of Monthly Wind Speed by Using Least Squares and Exponential Smoothing Technique**
YILMAZ V., ARAS H., ARAS N., ÇELİK H. E.
The First Cappadocia International Mechanical Engineering Symposium, 14 - 16 June 2004, pp.118-120
- XVII. **Estimation of Monthly Wind Speeds of Eskişehir, Turkey**
ARAS H., YILMAZ V., ÇELİK H. E.
First International Exergy, Energy and Environmental Symposium, 13 - 17 July 2003, pp.1043-1045
- XVIII. **Baca Gazlarındaki Geri Kazanılabilir Enerji ve Yüksek Sıcaklık Uygulamaları**
ARAS H.
Çevre ve Enerji Kongresi Antalya Sempozyumu, Antalya, Turkey, 14 - 15 April 1997, pp.208-213

XIX. Türkiye’xxde Doğlagaz ve Çevre Politikaları

ARAS H.

Isparta da Hava Kirliliği ve Doğalgaz 97, Turkey, 1 - 02 January 1997, pp.215-219

XX. Güneş Enerjisi ile Soğutma (Absorbsiyonlu) Sistemi Uygulaması

ARAS H., TANER K.

5. Türk Alman Enerji Sempozyumu, İzmir, Turkey, 19 - 21 April 1995, pp.58-67

XXI. Doğal Gaz Yakan Sistemlerde Atık Isı Kazanımı

ARAS H., Taner K.

8. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 1 September - 04 January 1991, pp.105-110

Supported Projects

ARAS H., ZAIM A., ÜNLÜ C. G., Project Supported by Higher Education Institutions, Piston Hareketli Aktif Manyetik Rejeneratif Soğutucu Tasarımı ve Performans Değerlendirmesi, 2021 - Continues

ARAS H., Project Supported by Higher Education Institutions, Rüzgar ve Güneş Enerjisinden, Elektrik Üreten Sistemlerin İncelenmesi, 2016 - 2016

ARAS H., Project Supported by Higher Education Institutions, Hava yönlendirici kanat üzerindeki buzlanma önleyici deliklere uygulanan köşe yuvarlatma işleminin akışa etkisinin araştırılması, 2013 - 2016

Aras H., Industrial Thesis Project, Helisel Güneş ve Rüzgar Türbini GÜNRÜZ, 2013 - 2015

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Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, Editor, 2022 - Continues

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Publication: 60
Citation (WoS): 1307
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Non Academic Experience

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