



AHMET ÇAĞLAR

ASSOC. PROF.

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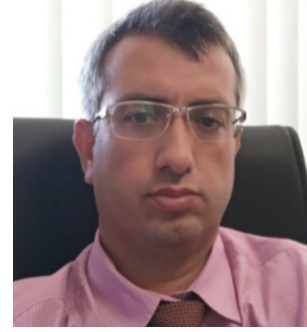
Address : Akdeniz Üniversitesi Mühendislik Fakültesi Makine
Mühendisliği Bölümü Kampüs/Antalya

International Researcher IDs

ORCID: 0000-0003-2788-2659

Publons / Web Of Science ResearcherID: A-6646-2016

Yoksis Researcher ID: 119221



Learning Knowledge

Doctorate 2007 - 2012	Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği, Turkey
Postgraduate 2003 - 2006	Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği, Turkey
Undergraduate 1997 - 2001	Kocaeli University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey

Foreign Languages

English, A2 Elementary

Dissertations

Doctorate, Design and experimental testing of an adsorbent bed for a thermal wave adsorption cooling cycle, Middle East Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2012

Postgraduate, Theoretical and experimental performance analysis of a solar assisted heat pump, Middle East Technical University, Mühendislik Fakültesi, Makine Mühendisliği, 2006

Academic Titles / Tasks

Associate Professor 2022 - Continues	Akdeniz University, Faculty of Engineering, Department of Mechanical Engineering
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Assistant Professor

2018 - 2022

Akdeniz University, Faculty of Engineering, Department of Mechanical Engineering

Assistant Professor

2014 - 2018

Akdeniz University, Faculty of Engineering, Department of Mechanical Engineering

Research Assistant

2013 - 2014

Akdeniz University, Faculty of Engineering, Department of Mechanical Engineering

Research Assistant

2002 - 2012

Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği

Supported Projects

1. ÇAĞLAR A., Project Supported by Higher Education Institutions, Dikey Eksenli Bir Rüzgar Türbini Tasarım ve İmalatı, 2019 - 2020
2. Çağlar A., Atmaca İ., Doğan A., Project Supported by Higher Education Institutions, Güneş Enerjisi Kaynaklı Absorpsiyonlu Soğutma Çevriminin Deneysel Olarak İncelenmesi, 2014 - 2020
3. Çağlar A., Pınar B., TUBITAK Project, Rüzgar Türbini CFD Analizi ve Güneş Panelinin Rüzgar Türbinine Entegrasyonu İle Hibrit Bir Sistem Üretimi, 2018 - 2019
4. Çağlar A., Yurdakul C., TUBITAK Project, Savonius Tipi Rüzgar Türbin Grubu Kullanarak Açık Bir Kanalda Rüzgar enerjisi Üretimi, 2018 - 2018
5. ÇAĞLAR A., Project Supported by Higher Education Institutions, Bilim İnsanı Yetiştirme ve Geliştirme Projesi, 2016 - 2018
6. Çağlar A., Başpınar M. İ., TUBITAK Project, Yansıtma Oranı Yüksek Bir Yansıtıcılığa Sahip Parabolik Güneş Kollektörü Tasarımı ve İmalatı, 2015 - 2015
7. Çağlar A., Bahadır M. B., TUBITAK Project, Güneş Enerjisiyle Su Damıtma Sistemi Tasarımı ve İmalatı, 2015 - 2015
8. Yamalı C., TUBITAK Project, Isıl Dalga Adsorpsiyonlu Soğutma Sisteminde Adsorban Yatak Tasarımı ve İmalatı, 2010 - 2011

Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Akdeniz Üniversitesi, August, 2020

Doctoral Examination, Doktora Yeterlik Sınavı, Pamukkale Üniversitesi, May, 2020

Doctoral Examination, Doktora Yeterlik Sınavı, Pamukkale Üniversitesi, May, 2020

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Akdeniz Üniversitesi, June, 2019

Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Akdeniz Üniversitesi, June, 2019

Doctoral Examination, Doktora Yeterlik Sınavı, Akdeniz Üniversitesi, July, 2018

Post Graduate, Tez Savunma Jürisi, Süleyman Demirel Üniversitesi, May, 2016

Post Graduate, Tez Savunma Jürisi, Akdeniz Üniversitesi, June, 2015

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Performance testing and optimization of a split-type air conditioner with evaporatively-cooled condenser**

- ATMACA İ., Şenol A., ÇAĞLAR A.
Engineering Science and Technology, an International Journal, vol.32, 2022 (SCI-Expanded)
2. **Thermal Performance Testing of a Solar Water Heating System Using Core-Shell Structured Nanofluids**
ATMACA İ., Özdemir O. S., ÇAĞLAR A., Koçak Soylu S., Asiltürk M.
Nanoscale and Microscale Thermophysical Engineering, vol.26, no.4, pp.218-241, 2022 (SCI-Expanded)
 3. **Energy-efficient heat exchanger design for indoor air quality in intercity buses**
ATMACA İ., Demirezen A., ÇAĞLAR A.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2021 (SCI-Expanded)
 4. **Design and experimental investigation of a novel thermoelectric water dispenser unit**
ÇAĞLAR A.
APPLIED THERMAL ENGINEERING, vol.149, pp.822-828, 2019 (SCI-Expanded)
 5. **EXPERIMENTAL ANALYSIS AND TRANSIENT SIMULATION OF HEAT TRANSFER INSIDE THE FINNED TUBE ADSORBENT BED OF A THERMAL WAVE CYCLE**
ÇAĞLAR A., Yamali C.
JOURNAL OF POROUS MEDIA, vol.22, no.4, pp.467-479, 2019 (SCI-Expanded)
 6. **Optimization of operational conditions for a thermoelectric refrigerator and its performance analysis at optimum conditions**
ÇAĞLAR A.
INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID, vol.96, pp.70-77, 2018 (SCI-Expanded)
 7. **The effect of fin design parameters on the heat transfer enhancement in the adsorbent bed of a thermal wave cycle**
ÇAĞLAR A.
APPLIED THERMAL ENGINEERING, vol.104, pp.386-393, 2016 (SCI-Expanded)
 8. **Two dimensional transient coupled analysis of a finned tube adsorbent bed for a thermal wave cycle**
ÇAĞLAR A., Yamali C., BAKER D. K.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.73, pp.58-68, 2013 (SCI-Expanded)
 9. **MEASUREMENT OF SOLAR RADIATION IN ANKARA, TURKEY**
Caglar A., Yamali C., BAKER D. K., Kaftanoglu B.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.33, no.2, pp.135-142, 2013 (SCI-Expanded)
 10. **Performance analysis of a solar-assisted heat pump with an evacuated tubular collector for domestic heating**
Caglar A., Yamali C.
ENERGY AND BUILDINGS, vol.54, pp.22-28, 2012 (SCI-Expanded)
 11. **Adsorption properties of a natural zeolite-water pair for use in adsorption cooling cycles**
Solmus I., Yamali C., Kaftanoglu B., BAKER D. K., ÇAĞLAR A.
APPLIED ENERGY, vol.87, no.6, pp.2062-2067, 2010 (SCI-Expanded)

Articles Published in Other Journals

1. **Thermodynamic Analysis of Solar Organic Rankine Cycle Using Evacuated Tubular Collector**
Çağlar A., Bahadır M. B.
JOURNAL of POLYTECHNIC, vol.0, no.0, 2022 (ESCI)
2. **Tasarım parametrelerinin parabolik oluk tipi bir güneş kollektörünün performansına etkisi**
ÇAĞLAR A., Talay İ. B.
Uludağ University Journal of The Faculty of Engineering, vol.24, no.2, pp.15-24, 2019 (Peer-Reviewed Journal)
3. **Investigation of Wind Characteristics for Antalya Region by Using Weibull Distribution**
ÇAĞLAR A.

Cumhuriyet Science Journal, vol.38, no.4, pp.156-164, 2017 (Peer-Reviewed Journal)

4. **Farklı Derece-Gün Bölgelerindeki Şehirler İçin Optimum Eğim Açısının Belirlenmesi**
ÇAĞLAR A.
Sakarya University Journal of Science, vol.22, no.2, pp.849-854, 2017 (Peer-Reviewed Journal)
5. **ANALYSIS OF HEAT AND MASS TRANSFER IN THE ADSORBENT BED OF A THERMAL WAVE ADSORPTION COOLING CYCLE**
ÇAĞLAR A., YAMALI C.
Computational Thermal Sciences, vol.5, no.2, pp.97-106, 2013 (Scopus)

Books & Book Chapters

1. **Thermoelectric Coolers as an Alternative And Practical Cooling Method**
ÇAĞLAR A., ARICIOĞLU A. K.
in: Pragmatic Approaches to Science and Engineering Studies, Kılıç Bayram, Editor, SRA Academic Publishing, pp.43-57, 2022
2. **Organic Rankine Cycle (ORC) Applications and Selection of Working Fluid**
Bahadır M. B., Çağlar A.
in: NOVEL APPROACHES TO ENGINEERING SCIENCES, GÜNGÖR, Afşin, AKYÜZ, Ali Özhan, Editor, Akademisyen Yayınevi Kitabevi, Ankara, pp.91-102, 2021
3. **Işınım İle Enerji Transferi**
Koçak Soylu S., Çağlar A., Doğan A., Atmaca İ.
in: Kapalı Hacimlerde ve İklimlendirme Sistemlerinde Ultraviyole Işınım ile Dezenfeksiyon Teori ve Pratik, Macit Toksoy Sait C. Sofuoğlu Z. Haktan Karadeniz Orhan Ekren, Editor, Doğa Yayıncılık Ltd. Şti., İstanbul, pp.29-46, 2021

Refereed Congress / Symposium Publications in Proceedings

1. **EFFECT OF DIFFERENT PARAMETERS ON THE DOUBLE-STAGE PARALLEL FLOW ABSORPTION CHILLER SYSTEM**
Şahin A., Özdemir M. R., ÇAĞLAR A.
6th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 20 October 2021
2. **SIMULATION AND ANALYSIS OF A SOLAR ORGANIC RANKINE CYCLE**
BAHADIR M. B., ÇAĞLAR A., Özdemir M. R.
6th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 20 October 2021
3. **Dikey Eksenli Bir Rüzgâr Türbin Grubu Tasarımı ve Deneysel Olarak İncelenmesi**
ÇAĞLAR A.
Selçuk 1. Uluslararası Uygulamalı Bilimler Kongresi, Konya, Turkey, 7 - 08 December 2019, pp.133-139
4. **Parabolik Çanak Tipi Güneş Kollektöründe Odaklama Hassasiyetinin Isıl Performansa Etkisi**
ÇAĞLAR A.
Selçuk 1. Uluslararası Uygulamalı Bilimler Kongresi, Konya, Turkey, 7 - 08 December 2019, pp.124-132
5. **Fresnel Aynası ve Güneş Takip Sisteminin Güneş Paneli Güç Üretimine Etkisi**
ÇAĞLAR A., Sarıkaya A., Eyyupoğlu Ö. F.
8. Güneş Enerjisi Sistemleri Sempozyumu ve Sergisi, Mersin, Turkey, 8 - 09 November 2019, pp.1-8
6. **Fotovoltaik Sistem Destekli Kontrollü Atmosferli Soğuk Hava Deposu Tasarımı**
ATMACA İ., ÇAĞLAR A., Kocaer E.
22nd Congress on Thermal Science and Technology, Kocaeli, Turkey, 11 - 14 September 2019, pp.631-638
7. **Güneş Enerjili Su Isıtma Sistemlerinin Farklı İklim Bölgelerinde Sergilediği Performansın Karşılaştırmalı Bir Şekilde İncelenmesi**
ÇAĞLAR A., ATMACA İ.

- 22nd Congress on Thermal Science and Technology, Kocaeli, Turkey, 11 - 14 September 2019, pp.761-765
8. **Uzay ve Havacılık Uygulamaları için Dalgalı-Kanatçıklı Isı Eşanjörü Tasarımı ve Analizi**
ÇAĞLAR A., Yılmazcan C., ATMACA İ.
22nd Congress on Thermal Science and Technology, Kocaeli, Turkey, 11 - 14 September 2019, pp.200-205
9. **Otobüsler İçin Düz Plakalı Isı Geri Kazanım Eşanjörü Tasarımı**
ATMACA İ., Demirezen A., ÇAĞLAR A.
22nd Congress on Thermal Science and Technology, Kocaeli, Turkey, 11 - 14 September 2019, pp.1081-1089
10. **Investigation of Optimum Tilt Angle of Mersin City for Solar Energy Systems**
ÇAĞLAR A., Bahadır M. B.
3rd International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), Antalya, Turkey, 9 - 12 May 2018, pp.276
11. **Wind Speed Estimation with Artificial Neural Network**
ÇAĞLAR A., Eker İ. M., Görgülü S.
3rd International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), Antalya, Turkey, 9 - 12 May 2018, pp.290
12. **Design-Based Performance Analysis of a Parabolic Trough Solar Collector**
ÇAĞLAR A., Talay İ. B.
3rd International Conference on Advances in Natural and Applied Sciences (ICANAS 2018), Antalya, Turkey, 9 - 12 May 2018, pp.275
13. **Investigation of Wind Characteristics for Antalya Region Using Weibull Distribution**
ÇAĞLAR A., Özen E.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.55-56
14. **Application of Solar-Wind Hybrid Power System in Antalya Weather Conditions: A Case Study**
ÇAĞLAR A., Özen E.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.53-54
15. **Hidrolik Kol Tasarımı ve İmalatı**
ÇAĞLAR A., Aydın A., Özen E.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.16-28
16. **Neme Duyarlı Güneş Destekli Otomatik Sulama Sistemi**
ÇAĞLAR A., Özçelikel H., Başelçin E., Özen E.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017, pp.29-36
17. **Bir güneş ışınımı hesaplama programının geliştirilmesi ve elde edilen verilerin ölçülen verilerle kıyaslanması**
ÇAĞLAR A., Bahadır M. B.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.3216-3221
18. **Design of a parabolic trough solar collector using a concentrator with high reflectivity**
ÇAĞLAR A.
3th International Conference on Heat Transfer and Fluid Flow, Budapeşte, Hungary, 22 - 23 August 2016
19. **A Novel Desalination System with Evacuated Tube Solar Collector**
Bahadır M. B., ÇAĞLAR A.
3th International Conference on Heat Transfer and Fluid Flow, Budapeşte, Hungary, 22 - 23 August 2016
20. **Key factors for the operation of a solar air collector: A parametric study**
ÇAĞLAR A., Bahadır M. B.
8th International Exergy, Energy and Environment Symposium, Antalya, Turkey, 1 - 04 May 2016
21. **Egzersiz Bisikletinden Elektrik Üretimi**
ÇAĞLAR A., Özen E.

- International Science and Technology Conference, St. Petersburg, Russia, 2 - 04 September 2015, pp.170-172
22. **Klima Dış Üniteleri Giriş Havaasının Evaporatif Soğutulmasında Kullanılması Planlanan Sistem Performansının Deneysel Olarak İncelenmesi**
ATMACA İ., KOÇAK SOYLU S., ÇAĞLAR A.
2. Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu ve Sergisi, Balıkesir, Turkey, 23 - 25 October 2014, pp.483-492
23. **Isıl Dalga Adsorpsiyonlu Soğutma Sisteminde Adsorban Yataktaki Isı Transferinin Kanatçık Kullanılarak İyileştirilmesi**
ÇAĞLAR A., KOÇAK SOYLU S., ATMACA İ.
2. Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu ve Sergisi, Balıkesir, Turkey, 23 - 25 October 2014, pp.554-560
24. **Taşıtlarda kullanılan alternatif yakıt türlerinin karşılaştırmalı olarak genel değerlendirmesi**
ÇAĞLAR A., ATMACA İ., DOĞAN A., DÜZGÜN M.
OTEKON2014 7.Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 26 - 27 May 2014
25. **Heat transfer analysis of the adsorbent bed of a thermal wave cycle using silica gel**
ÇAĞLAR A., YAMALI C.
CLIMAMED'13 VII. Mediterranean Congress of Climatization, İstanbul, Turkey, 3 - 04 October 2013, pp.378-386
26. **Measurement of the thermal conductivity of porous materials used in adsorption cooling cycles**
ÇAĞLAR A.
2nd International Scientific Conference on Engineering "Manufacturing and Advanced Technologies" MAT 2012, Antalya, Turkey, 22 - 24 November 2012, pp.32-35
27. **Analysis of Heat and Mass Transfer in the Adsorbent Bed of a Thermal Wave Adsorption Cooling Cycle**
ÇAĞLAR A., YAMALI C.
9th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, St Julian'S, Malta, 16 - 18 July 2012, pp.1298-1303
28. **Testing the thermal performances of solar collectors**
ÇAĞLAR A., YAMALI C., BAKER D. K., KAFTANOĞLU B.
HEFAT2010 7th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, Antalya, Turkey, 19 - 21 July 2010, pp.1969-1972
29. **Vakum borulu toplayıcı kullanılarak güneş enerjisi destekli bir ısı pompası performansının analizi**
ÇAĞLAR A., YAMALI C.
IV. Ege Enerji Sempozyumu, İzmir, Turkey, 21 - 23 May 2008, pp.141-148

Academic and Administrative Experience

2021 - Continues	Deputy Head of Department	Akdeniz University, Faculty Of Engineering, Department of Mechanical Engineering
2015 - 2022	Farabi Program Institutional Coordinator	Akdeniz University, Faculty Of Engineering, Department of Mechanical Engineering
2017 - 2020	Head of Department	Akdeniz University, Faculty of Engineering, Department of Mechanical Engineering
2015 - 2018	Deputy Head of Department	Akdeniz University, Faculty of Engineering, Department of Mechanical Engineering

Scientific Refereeing

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, April 2022

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, April 2022

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, April 2022

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, February 2022

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, January 2022

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, January 2022

JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, November 2021

ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, Journal Indexed in SCI-E, November 2021

Journal of Polytechnic, Journal Indexed in ESCI, July 2021

RENEWABLE ENERGY, Journal Indexed in SCI-E, May 2021

RENEWABLE ENERGY, Journal Indexed in SCI-E, March 2021

Kocaeli Üniversitesi Fen Bilimleri Dergisi, Other Journals, March 2021

ENERGY, Journal Indexed in SCI-E, February 2021

RENEWABLE ENERGY, Journal Indexed in SCI-E, January 2021

El Cezeri Fen Ve Mühendislik Dergisi, Other Journals, January 2021

Project Supported by Higher Education Institutions, November 2020

AVRUPA BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, August 2020

Project Supported by Higher Education Institutions, August 2020

International Journal of Energy Applications and Technologies, Other Journals, July 2020

Isi Bilimi Ve Teknigi Dergisi-Journal Of Thermal Science And Technology, Journal Indexed in SCI-E, July 2020

ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, June 2020

TUBITAK Project, May 2020

International Journal Of Refrigeration-Revue Internationale Du Froid, Journal Indexed in SCI-E, December 2019

ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, November 2019

International Journal Of Refrigeration-Revue Internationale Du Froid, Journal Indexed in SCI-E, October 2019

MÜHENDİS VE MAKİNA, National Scientific Refreed Journal, May 2019

Applied Energy, Journal Indexed in SCI-E, February 2019

ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, September 2018

Project Supported by Higher Education Institutions, June 2018

Isi Bilimi Ve Teknigi Dergisi-Journal Of Thermal Science And Technology, Journal Indexed in SCI-E, February 2018

Isi Bilimi Ve Teknigi Dergisi-Journal Of Thermal Science And Technology, Journal Indexed in SCI-E, December 2017

SUSTAINABLE CITIES AND SOCIETY, Journal Indexed in SCI-E, May 2017

SUSTAINABLE CITIES AND SOCIETY, Journal Indexed in SCI-E, April 2017

1. Uluslararası Akdeniz Bilim ve Mühendislik Kongresi Bildiriler Kitabı, Scientific / Professional Book Published by Other Publishers, October 2016

ENERGY AND BUILDINGS, Journal Indexed in SCI-E, April 2016

International Journal of Thermodynamics, Other Indexed Journal, January 2016

Project Supported by Higher Education Institutions, December 2015

INTERNATIONAL JOURNAL OF EXERGY, Journal Indexed in SCI-E, November 2014

ENERGY AND BUILDINGS, Journal Indexed in SCI-E, December 2013

ENERGY AND BUILDINGS, Journal Indexed in SCI-E, January 2013
ENERGY AND BUILDINGS, Journal Indexed in SCI-E, September 2012
HEFAT2012 Conference, Other journals, April 2012
HEFAT2012 Conference, Other journals, April 2012
International Journal of Thermodynamics, Other Indexed Journal, November 2011
International Journal of Thermodynamics, Other Indexed Journal, November 2011
International Journal of Thermodynamics, Other Indexed Journal, April 2010

Metrics

Publication: 51
Citation (WoS): 209
Citation (Scopus): 253
H-Index (WoS): 6
H-Index (Scopus): 7

Congress and Symposium Activities

6th International Conference on Advances in Mechanical Engineering , Attendee, İstanbul, Turkey, 2021
Selçuk 1. Uluslararası Uygulamalı Bilimler Kongresi, Attendee, Konya, Turkey, 2019
8. Güneş Enerjisi Sistemleri Sempozyumu ve Sergisi, Attendee, Mersin, Turkey, 2019
22nd Congress on Thermal Science and Technology, Attendee, Kocaeli, Turkey, 2019
3rd International Conference on Advances in Natural and Applied Sciences, Attendee, Antalya, Turkey, 2018
International Congress of the New Approaches and Technologies for Sustainable Development, Attendee, Isparta, Turkey, 2017
1st International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2016
3th International Conference on Heat Transfer and Fluid Flow, Attendee, Budapest, Hungary, 2016
8th International Exergy, Energy and Environment Symposium, Attendee, Antalya, Turkey, 2016
International Science and Technology Conference, Attendee, Sankt-Peterburg, Russia, 2015
2. Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu ve Sergisi, Attendee, Bahkesir, Turkey, 2014
OTEKON2014 7.Otomotiv Teknolojileri Kongresi, Attendee, Bursa, Turkey, 2014
Ulusal Nanoteknoloji ve Çevre Çalıştayı, Attendee, Antalya, Turkey, 2013
CLIMAMED'13 VII. Mediterranean Congress of Climatization, Attendee, İstanbul, Turkey, 2013
2nd International Scientific Conference on Engineering "Manufacturing and Advanced Technologies, Attendee, Antalya, Turkey, 2012
9th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, Attendee, Malta, 2012
HEFAT2010 7th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, Attendee, Turkey, 2010
IV. Ege Enerji Sempozyumu, Attendee, İzmir, Turkey, 2008

Research Areas

Mechanical Engineering, Energy, Conventional Energy Systems and Their Technology, Renewable Energy Systems, Alternative Energy Resources, Solar energy, Thermodynamics, Heat and Mass Transfer, Heating, Refrigerating and Air Conditioning, Internal Combustion Engines, Thermal Systems, Thermal machines, Engineering and Technology