

## Assoc. Prof. KENAN SAKA



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-5303-2021

ScopusID: 56865845300

Yoksis Researcher ID: 156480

### Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), Turkey 2011 - 2016

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), Turkey 2009 - 2010

Undergraduate, Gaziantep University, Faculty Of Engineering, Department Of Mechanical Engineering (English), Turkey 2000 - 2005

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, Yenişehir İbrahim Orhan Myo, Makine Ve Metal Teknolojileri, 2024 - Continues

Lecturer PhD, Bursa Uludağ University, Yenişehir İbrahim Orhan Myo, Makine Ve Metal Teknolojileri, 2009 - 2024

### Academic and Administrative Experience

Program Koordinatörü, Bursa Uludağ University, Yenişehir İbrahim Orhan Myo, Makine Ve Metal Teknolojileri, 2019 - 2020

Head of Department, Bursa Uludağ University, Yenişehir İbrahim Orhan Myo, Elektrik Ve Enerji, 2019 - 2020

### Courses

FİZİK, Associate Degree, 2017 - 2018

TİCARİ SOĞUTMA SİSTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017  
HİDROLİK VE PNÖMATİK, Associate Degree, 2017 - 2018, 2016 - 2017  
ISIYMA SİSTEMLERİ, Associate Degree, 2017 - 2018  
ÖLÇME VE KONTROL, Associate Degree, 2017 - 2018  
EV TİPİ SOĞUTMA SİSTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017  
HAVALANDIRMA SİSTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017  
ISITMA SİSTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017  
MUKAVEMET, Associate Degree, 2017 - 2018, 2016 - 2017  
İKLİMLENDİRME SİSTEMLERİ, Associate Degree, 2017 - 2018  
SOĞUTMA İLKELERİ, Associate Degree, 2017 - 2018, 2016 - 2017  
ALIŞILMAMIŞ İMALAT YÖNTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017  
TESİSAT İŞLEMLERİ, Associate Degree, 2017 - 2018  
KAYNAK TEKNOLOJİSİ, Associate Degree, 2017 - 2018, 2016 - 2017  
MESLEKİ MATEMATİK I, Associate Degree, 2016 - 2017  
MERKEZİ İKLİMLENDİRME SİSTEMLERİ, Associate Degree, 2016 - 2017  
TEKNİK RESİM, Associate Degree, 2016 - 2017  
KORUYUCU BAKIM VE ARIZA TESPİTİ, Associate Degree, 2016 - 2017  
BİLGİSAYAR DESTEKLİ ÜRETİM I, Associate Degree, 2016 - 2017

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Evaluation of a grid-connected PV power plant: performance and agrivoltaic aspects**  
Saka K.  
Environment, Development and Sustainability, vol.1, no.1, pp.1-18, 2024 (SCI-Expanded)
- II. **A Quantitative Examination of the Efficiency of a Biogas-Based Cooling System in Rural Regions**  
SAKA K.  
PROCESSES, vol.11, no.7, 2023 (SCI-Expanded)
- III. **Design and Analysis of Gas Diffusion Layers in a Proton Exchange Membrane Fuel Cell**  
SAKA K., Orhan M. F., Hamada A. T.  
COATINGS, vol.13, no.1, 2023 (SCI-Expanded)
- IV. **Analysis of stack operating conditions for a polymer electrolyte membrane fuel cell**  
SAKA K., Orhan M. F.  
ENERGY, vol.258, 2022 (SCI-Expanded)
- V. **A Study and Assessment of the Status of Energy Efficiency and Conservation at School Buildings**  
Ragab K. M., Orhan M. F., SAKA K., Zurigat Y.  
SUSTAINABILITY, vol.14, no.17, 2022 (SCI-Expanded)
- VI. **Design and Optimization of Fuel Cells: A Case Study on Polymer Electrolyte Membrane Fuel Cell Power Systems for Portable Applications**  
Orhan M. F., SAKA K., Yousuf M.  
ADVANCES IN POLYMER TECHNOLOGY, vol.2022, 2022 (SCI-Expanded)
- VII. **AN INVESTIGATION ON HYDROGEN PRODUCTION CAPACITY OF A PHOTOVOLTAIC POWER PLANT**  
SAKA K.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.31, no.3A, pp.3542-3550, 2022 (SCI-Expanded)
- VIII. **Analysis and modeling of a membrane electrode assembly in a proton exchange membrane fuel cell**  
Orhan M. F., SAKA K., Kahraman H.  
JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY, vol.12, no.4, 2020 (SCI-Expanded)
- IX. **INVESTIGATION OF PARAMETERS AFFECTING THE OPTIMUM THERMAL INSULATION THICKNESS FOR BUILDINGS IN HOT AND COLD CLIMATES**  
CANBOLAT A. S., Bademlioglu A. H., SAKA K., KAYNAKLI Ö.  
THERMAL SCIENCE, vol.24, no.5, pp.2891-2903, 2020 (SCI-Expanded)

- X. **Performance Assessment and Solution Procedure for Series Flow Double-Effect Absorption Refrigeration Systems Under Critical Operating Constraints**  
Yilmaz I. H., SAKA K., KAYNAKLI Ö., KAŞKA Ö.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.6, pp.5997-6011, 2019 (SCI-Expanded)
- XI. **Exploitable biomass status and potential of the Southeastern Anatolia Region, Turkey**  
Yilmaz I. H., SAKA K.  
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.13, no.1, pp.46-52, 2018 (SCI-Expanded)
- XII. **A thermodynamic evaluation on high pressure condenser of double effect absorption refrigeration system**  
Yilmaz I. H., SAKA K., KAYNAKLI Ö.  
ENERGY, vol.113, pp.1031-1041, 2016 (SCI-Expanded)
- XIII. **Energy and exergy analysis of a double effect absorption refrigeration system based on different heat sources**  
KAYNAKLI Ö., SAKA K., KAYNAKLI F.  
ENERGY CONVERSION AND MANAGEMENT, vol.106, pp.21-30, 2015 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Energy assessment of an integrated hydrogen production system**  
Shahin M. S., Orhan M. F., SAKA K., Hamada A. T., Uygul F.  
International Journal of Thermofluids, vol.17, 2023 (Scopus)
- II. **Üç Kademeli Soğurmalı Soğutma Sisteminin Enerji ve Ekserji Analizi**  
SAKA K.  
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.8, no.3, pp.1075-1085, 2019 (Peer-Reviewed Journal)
- III. **An Evaluation of Overcast Weather on Generation of a Grid Connected PV Power Plant**  
SAKA K.  
Journal of Current Research on Engineering, Science and Technology, vol.5, no.1, pp.19-28, 2019 (Peer-Reviewed Journal)
- IV. **Bursa'nın Hayvansal Biyokütle Enerji Potansiyeli Üzerine Bir İnceleme**  
SAKA K.  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.18, no.3, pp.1167-1173, 2018 (Peer-Reviewed Journal)
- V. **ENERGY POTENTIAL OF ANIMAL BIOMASS IN TURKEY**  
SAKA K., YILMAZ İ. H., CANBOLAT A. S., KAYNAKLI Ö.  
European Journal of Technique, vol.8, no.2, pp.160-167, 2018 (Peer-Reviewed Journal)
- VI. **Üç-kademeli Bir Soğurmalı Soğutma Siteminde Kaynaticılara Bağlı Enerji ve Ekserji Analizi**  
SAKA K., YILMAZ İ. H., GÖKSU T. T.  
Gazi Mühendislik Bilimleri Dergisi, vol.4, no.1, pp.67-76, 2018 (Peer-Reviewed Journal)
- VII. **AN EVALUATION ON SOLAR POWERED HYDROGEN PRODUCTION**  
SAKA K., CANBOLAT A. S.  
The International Journal of Energy Engineering Sciences, vol.3, no.2, pp.26-35, 2018 (Peer-Reviewed Journal)
- VIII. **AGRICULTURAL BIOMASS POTENTIAL IN TURKEY**  
SAKA K., YILMAZ İ. H.  
International Journal of Management and Applied Science, vol.3, no.2, pp.79-81, 2017 (Peer-Reviewed Journal)
- IX. **Optimization Of Insulation Thickness For External Walls Considering Different Climatic Conditions**  
KAYNAKLI Ö., CANBOLAT A. S., SAKA K., YAMANKARADENİZ R.  
International Journal of Advances in Mechanical and Civil Engineering, 2017 (Peer-Reviewed Journal)
- X. **DETERMINATION OF OPTIMUM THERMAL INSULATION THICKNESSES CONSIDERING THE SEASONAL ENERGY REQUIREMENTS**  
KAYNAKLI Ö., SAKA K., KAYNAKLI Z.

## Books & Book Chapters

- I. **TÜRKİYE’İN HAYVANSAL KAYNAKLI BİYOGAZKAPASİTESİ**  
APAYDIN M., SAKA K.  
in: Fen ve Matematik Bilimleri Alanında Akademik Çalışmalar, Turgay SEÇKİN, Editor, Gece Publishing, Ankara, pp.161-170, 2020
- II. **BURSA ’NİN YENİLENEBİLİR ENERJİ GÖRÜNÜMÜ**  
SAKA K.  
in: MÜHENDİSLİKTE GÜNCEL KONULAR, HAMEŞ, Editor, NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK TİC. LTD. ŞTİ., Ankara, pp.139-149, 2018
- III. **BURSA ’NİN HA YVANSAL BİYOKÜTLE ENERJİ POTANSİYELİ**  
SAKA K.  
in: MÜHENDİSLİKTE GÜNCEL KONULAR, YAKUP HAMEŞ, Editor, NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK TİC. LTD. ŞTİ., Ankara, pp.151-159, 2018
- IV. **TURKEY’S BIOMASS ENERGY POTENTIAL: AN EVALUATION OF ENERGY MINISTRY’S MAP**  
SERDAR A., SAKA K.  
in: Researches on science and art in 21st century turkey, Hasan Arapgirlioğlu, Atilla Atik, Robert L. Elliott, Edward Turgeon, Editor, Gece Publishing, Ankara, pp.2668-2672, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **A STUDY AND ASSESSMENT OF THE STATUS OF ENERGY EFFICIENCY AND CONSERVATION AT SCHOOL BUILDINGS**  
Ragab K. M., SAKA K., Zurigat Y., ORHAN M. F.  
22. Isı Bilimi ve Tekniği Kongresi, Kocaeli, Turkey, 11 - 14 September 2019, pp.73-84
- II. **An Investigation on Hydrogen Production Capacity of a PV Power Plant in Bursa, Turkey**  
SAKA K., ORHAN M. F., KAHRAMAN H.  
9TH INTERNATIONAL100 RENEWABLEENERGY CONFERENCE, İstanbul, Turkey, 24 - 26 April 2019, pp.3-15
- III. **Analysis and Modeling of Gaskets, End Plates and Current Collectors in a Proton Exchange Membrane Fuel Cell**  
SAKA K., ORHAN M. F., KAHRAMAN H.  
9TH INTERNATIONAL100 RENEWABLEENERGY CONFERENCE, İstanbul, Turkey, 24 - 26 April 2019, pp.16-31
- IV. **ANIMAL BASED BIOGAS CAPACITY OF TURKEY**  
APAYDIN M., SAKA K.  
I. Uluslararası Şişli Bilim Kongresi, İstanbul, Turkey, 24 - 25 October 2019, pp.53
- V. **An Integrated Solar Hydrogen Production System: Energy Assessment of an Electrolyzer Coupled with a Rankine Cycle**  
Shahin M. S., ORHAN M. F., Uygul F., SAKA K.  
4th International Hydrogen Technologies Congress, Edirne, Turkey, 20 - 23 June 2019, pp.112-115
- VI. **Design and Building PEM Fuel Cell Stacks with Different Configurations: Stack Operation Conditions**  
ORHAN M. F., KAHRAMAN H., SAKA K.  
4th International Hydrogen Technologies Congress, Edirne, Turkey, 20 - 23 June 2019, pp.71-74
- VII. **Scooter Propulsion System Powered by Hydrogen Fuel Cell- PEM**  
SAKA K., Erar Y., Dadouch B., Haddad J., Al Qassab A., Hag Ali İ., ORHAN M. F.  
VII. INTERNATIONAL RENEWABLE FUELS COMBUSTION AND FIRE CONFERENCE IN ENGINEERING, Antalya, Turkey, 10 - 13 March 2019, pp.101-129

- VIII. **DAILY HYDROGEN PRODUCTION EVALUATION USING SOLAR ENERGY IN BURSA, TURKEY**  
SAKA K.  
3rd INTERNATIONAL ENERGY ENGINEERING CONGRESS, Gaziantep, Turkey, 18 - 19 October 2018, pp.320-328
- IX. **A PRACTICAL SOFTWARE FOR THERMODYNAMIC ANALYSIS OF ABSORPTION REFRIGERATION CYCLES USING H<sub>2</sub>O/LiBr AND NH<sub>3</sub>/H<sub>2</sub>O SOLUTION PAIRS**  
CANBOLAT A. S., SAKA K., KAYNAKLI F., YAMANKARADENİZ N., KAYNAKLI Ö.  
4th Anatolian Energy Symposium with International Participation, Edirne, Turkey, 18 - 20 April 2018
- X. **BURSA'DA BULUNAN ŞEBEKE BAĞLANTILI BİR PV GÜÇ SANTRALİNİN GÜNLÜK ELEKTRİK ÜRETİMİ**  
SAKA K., KAYNAKLI Ö., YAMANKARADENİZ R.  
4th Anatolian Energy Symposium with International Participation, Edirne, Turkey, 18 - 20 April 2018, pp.1479-1485
- XI. **SEASONAL GENERATION OF A GRID CONNECTED PV POWER PLANT**  
SAKA K.  
6. EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Turkey, 25 - 27 June 2018, pp.77-82
- XII. **AN EVALUATION ON POTENTIAL ENERGY OF ANIMAL BIOMASS IN TURKEY**  
SAKA K.  
6. EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Turkey, 25 - 27 June 2018, pp.83-89
- XIII. **Performance analysis of a grid-connected PV power plant in Bursa, Turkey**  
SAKA K.  
Alternative Energy Sources, Materials and Technologies, Plovdiv, Bulgaria, 14 - 15 May 2018, pp.10
- XIV. **TÜRKİYE'NİN HAYVANSAL BİYOKÜTLE ENERJİSİNİN ALTTÜRLERE GÖRE İNCELENMESİ**  
SAKA K., YAMANKARADENİZ R., CANBOLAT A. S.  
4th Anatolian Energy Symposium with International Participation, Edirne, Turkey, 18 - 20 April 2018, pp.1486-1494
- XV. **A PRACTICAL SOFTWARE FOR THERMODYNAMIC ANALYSIS OF ABSORPTION REFRIGERATION CYCLES USING H<sub>2</sub>O/LiBr AND NH<sub>3</sub>/H<sub>2</sub>O SOLUTION PAIRS**  
CANBOLAT A. S., SAKA K., KAYNAKLI F., YAMANKARADENİZ N., KAYNAKLI Ö.  
IV. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 - 20 April 2018, pp.1574-1581
- XVI. **Bursa'nın Biyokütle Atık Kaynakları**  
SAKA K.  
Uluslararası Su ve Çevre Kongresi, Bursa, Turkey, 22 - 24 March 2018, pp.2369
- XVII. **Türkiye Gerçekliğinde Meslek Yüksek Okulları**  
SAKA K.  
International Conference on Quality in Higher Education, Sakarya, Turkey, 7 - 08 December 2017
- XVIII. **A Numerical Study on Heat Transfer Enhancement by Use of Twisted Tape Insert with Varying Pitch Ratio**  
GÖKSU T. T., YILMAZ İ. H., SAKA K.  
International Advanced Researches Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.499
- XIX. **Üç-kademeli Soğurmalı Soğutma Sistemlerine Termodinamik Bir Bakış**  
SAKA K., YILMAZ İ. H., GÖKSU T. T.  
International Advanced Researches Engineering Congress, Osmaniye, Turkey, 16 - 18 November 2017, pp.337-342
- XX. **ÜÇ ETKİLİ SOĞURMALI BİR SOĞUTMA SİSTEMİNİN TERMODİNAMİK TASARIMI**  
SAKA K., KAYNAKLI Ö., YAMANKARADENİZ R.  
2. ULUSLARARASI MÜHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 12 - 13 May 2017, pp.382-383
- XXI. **İKİ KADEMELİ BİR ABSORBSİYONLU SOĞUTMA SİSTEMİNDE EŞANJÖR KULLANIMININ TERMODİNAMİK AÇIDAN İNCELENMESİ**  
SAKA K.  
13. ULUSAL TESİSAT MÜHENDİSLİĞİ KONGRESİ, İzmir, Turkey, 19 - 22 April 2017
- XXII. **Optimization of insulation thickness for external walls considering different climatic conditions**  
KAYNAKLI Ö., CANBOLAT A. S., SAKA K., YAMANKARADENİZ R.

- International Conference on Innovative Engineering Technologies (ICIET), 1 - 02 February 2017
- XXIII. **Optimization Of Insulation Thickness For External Walls Considering Different Climatic Conditions**  
KAYNAKLI Ö., CANBOLAT A. S., SAKA K., YAMANKARADENİZ R.  
International Conference on Innovative Engineering Technologies, Dubai, United Arab Emirates, 1 - 02 February 2017, pp.1-5
- XXIV. **İLERİ MÜHENDİSLİK EĞİTİMİNDE DENEYSSEL VE SİMÜLASYON TABANLI UYGULAMALARIN KARŞILAŞTIRILMASI**  
SAKA K., ÖZDEMİR E.  
International Conference on Quality in Higher Education, Sakarya, Turkey, 24 - 25 November 2016
- XXV. **AGRICULTURAL BIOMASS POTENTIAL IN TURKEY**  
SAKA K., YILMAZ İ. H.  
International Conference on Innovative Engineering Technologies, MEKKE, Saudi Arabia, 17 December 2016, pp.27-29
- XXVI. **EXPLOITABLE BIOMASS POTENTIAL OF THE SOUTHEASTERN ANATOLIA REGION**  
YILMAZ İ. H., SAKA K.  
INTERNATIONAL ENERGY ENGINEERING CONFERENCE 2016, Gaziantep, Turkey, 13 - 14 October 2016, pp.647-652
- XXVII. **Marmara bölgesinin hayvansal biyokütle dağılımı**  
SAKA K., YILMAZ İ. H., KAYNAKLI Ö.  
10. International Clean Energy Symposium, 24 - 26 October 2016, pp.158-163
- XXVIII. **VEGETAL DERIVED BIOMASS POTENTIAL OF THE MARMARA REGION**  
SAKA K., YILMAZ İ. H.  
10th International Clean Energy Symposium, İstanbul, Turkey, 24 - 26 October 2016, pp.115-119
- XXIX. **Influence of the Equilibrium Temperature in the Double Stage of the Absorption Refrigeration System**  
YILMAZ İ. H., SAKA K., KAYNAKLI Ö.  
8th International Ege Energy Symposium, Afyon, Turkey, 11 - 13 May 2016, pp.46-51
- XXX. **MARMARA BÖLGESİNİN HAYVANSAL BİYOKÜTLE DAĞILIMI**  
SAKA K., YILMAZ İ. H., KAYNAKLI Ö.  
10th International Clean Energy Symposium, İstanbul, Turkey, 24 - 26 October 2016, pp.158-163
- XXXI. **Kentsel Atık Potansiyelinin İncelenmesi: Bursa için Durum Çalışması**  
SAKA K., YILMAZ İ. H.  
3. ULUSAL ÇEVRE KONGRESİ, Marmaris, Turkey, 24 - 28 September 2016
- XXXII. **INVESTIGATION ON DOUBLE EFFECT DUAL-HEATED ABSORPTION REFRIGERATION SYSTEM**  
SAKA K., YILMAZ İ. H., KAYNAKLI Ö.  
XII. International HVACR Technology Symposium, İstanbul, Turkey, 31 March - 02 April 2016, pp.123-129
- XXXIII. **Determination of optimum thermal insulation thicknesses considering the seasonal energy requirements**  
KAYNAKLI Ö., SAKA K., KAYNAKLI Z.  
68th IIER International Conference, Barcelona, Spain, 13 April 2016, pp.19-23
- XXXIV. **MESLEK YÜKSEKOKULLARINDA UYGULAMA DERSLERİNDE KARŞILAŞILAN SORUNLAR**  
SAKA K.  
International Conference on Quality in Higher Education, Sakarya, Turkey, 2 - 04 December 2015, pp.305-310
- XXXV. **MESLEK YÜKSEKOKULUNDAN MEZUN OLAN ÖĞRENCİLERİN ÇALIŞMA PROFİLLERİ MAKİNE PROGRAMI ÖRNEĞİ**  
ÖZDEMİR E., Zafer S., SAKA K.  
4th INTERNATIONAL VOCATIONAL SCHOOLS SYMPOSIUM, Yalova, Turkey, 21 - 23 May 2015, pp.1216-1223
- XXXVI. **HAVA SOĞUTMALI ÇİFT KADEMELİ ABSORBSİYONLU SOĞUTMA SİSTEMİNİN ENERJİ VE EKSERJİ ANALİZİ**  
SAKA K., YAMANKARADENİZ N., KAYNAKLI F., KAYNAKLI Ö.  
TESKON 2015 / 12. ULUSAL TESİSAT MÜHENDİSLİĞİ KONGRESİ, İzmir, Turkey, 8 - 11 April 2015, pp.1137-1151

- XXXVII. **ABSORBSİYONLU SOĞUTMA SİSTEMİNİN SON KULLANICI KRİTERLERİNE GÖRE ENERJİ VE EKSERJİ ANALİZİ**  
SAKA K., YAMANKARADENİZ N., KAYNAKLI F., KAYNAKLI Ö.  
İKSES'14 ULUSAL İKLİMLENDİRME SOĞUTMA EĞİTİMİ SEMPOZYUMU, Balıkesir, Turkey, 23 - 25 October 2014, pp.261-271
- XXXVIII. **ABSORBSİYONLU SOĞUTMA SİSTEMLERİNİN TERMODİNAMİK ANALİZLERİNDE KULLANILANSİMÜLASYON YÖNTEMLERİNİN KARSILASTIRILMASI**  
SAKA K., YAMANKARADENİZ N., KAYNAKLI F., KAYNAKLI Ö.  
2. Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu ve Sergisi, Balıkesir, Turkey, 23 - 25 October 2014, pp.136-147
- XXXIX. **ISINIMLA ISI TRANSFERİNDE OPTİMUM GEOMETRİK BOYUTLARIN HESAPLANMASI**  
KAYNAKLI F., YAMANKARADENİZ N., SAKA K.  
2. Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu ve Sergisi, Balıkesir, Turkey, 23 - 25 October 2014, pp.582-590
- XL. **Absorbsiyonlu Soğutma Sisteminde Entropi Üretiminin Farklı Çalışma Şartları Altında Analizi**  
KAYNAKLI Ö., SAKA K., YAMANKARADENİZ N.  
XI. International HVAC+R Technology Symposium, İstanbul, Turkey, 8 - 10 May 2014
- XLI. **Absorbsiyonlu Soğutma Sisteminde Farklı Eriyiklerin Kullanılabilirliği ve Performans Değerlerinin İncelenmesi**  
KAYNAKLI Ö., SAKA K., KAYNAKLI F.  
11th International HVACR Technology Symposium, İstanbul, Turkey, 8 - 10 May 2014, pp.108-115

## Patent

Saka K., BİR BORU AĞZI GENİŞLETME APARATI, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Recourse Number: 2018/04225 , Standard Registration, 2018

## Metrics

Publication: 70  
Citation (WoS): 114  
Citation (Scopus): 135  
H-Index (WoS): 5  
H-Index (Scopus): 5