

Asst. Prof. TAMER ÇALIŞIR

Personal Information

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Biography

He graduated from Kırıkkale University, Faculty of Engineering, Department of Mechanical Engineering in 2008. Between 2009 and 2011, he worked as a Research Assistant at Atılım University, Faculty of Engineering, Department of Energy Systems Engineering. In 2011, he started to work as a Research Assistant at Gazi University, Faculty of Engineering, Department of Mechanical Engineering. He completed his master's degree in 2011 and his doctorate in 2017 in the same department. Since June 2020, he has continued his studies with the title of Assistant Professor at Gazi University, Faculty of Engineering, Department of Mechanical Engineering.

In his master's thesis, he conducted researches on "Numerical investigation of heat transfer using Impinging jets on ribbed roughened walls" and in his doctoral thesis "Numerical and experimental investigation of water channel, Panel and convector separately and all together to enhance thermal output of panel radiator". His research topics include Heat Transfer, Computational Fluid Dynamics (CFD), Heat Transfer augmentation methods and Electronic cooling, and he continues his research studies on these subjects.

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 2012 - 2017

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 2009 - 2012

Undergraduate, Kırıkkale University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2004 - 2008

Foreign Languages

English, C1 Advanced

German, C1 Advanced

Dissertations

Doctorate, Panel radyatör ısı gücünün iyileştirilmesi yönünde su kanalı, panel ve konvektörün ayrı ayrı ve birlikte sayısal ve deneysel olarak araştırılması, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), 2017

Postgraduate, Çarpan akışkan jetleri kullanarak kanatçıklı yüzeyler üzerindeki ısı transferinin sayısal olarak incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2011

Research Areas

Fluid Mechanics, Thermodynamics, Heat and Mass Transfer, Computational fluid dynamics, Thermal Systems

Academic Titles / Tasks

Assistant Professor, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2020 - Continues

Research Assistant, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2011 - 2020

Research Assistant, Atilim University, Faculty Of Engineering, Department Of Energy Systems Engineering, 2009 - 2011

Academic and Administrative Experience

Rektörlük Kalite Komisyonu Üyesi, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2021 - Continues

Deputy Head of Department, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2021 - Continues

Courses

APPLICATIONS OF SOLAR ENERGY, Undergraduate, 2020 - 2021, 2021 - 2022

Graduation Design Project-I, Undergraduate, 2018 - 2019, 2020 - 2021, 2021 - 2022

Applied Mathematics for Mechanical Engineers , Undergraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Introduction to Numerical Analysis, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022

Graduation Design Project-II, Undergraduate, 2018 - 2019, 2020 - 2021

Mechanical Engineering Laboratory II, Undergraduate, 2017 - 2018

Thermodynamics I , Undergraduate, 2017 - 2018

Computer Aided Technical Drawing-I, Undergraduate, 2017 - 2018

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

- I. **Evaluation of flow field over panel radiators to investigate the effect of different convector geometries**
Çalışır T., Yazar H. O. , Başkaya Ş.
JOURNAL OF BUILDING ENGINEERING, vol.33, 2021 (Journal Indexed in SCI)
- II. **Determination of thermal performance of hydronic radiant panel heaters for different fluid flow rates, fluid inlet temperatures and room temperatures**
Çalışır T., Başkaya Ş.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.45, 2020 (Journal Indexed in SCI)
- III. **Numerical Investigation of Transient Natural Convection Heat Transfer of non-Newtonian Nanofluids Between Eccentric Annulus**
Harab B. A. , ÇALIŞIR T., Baskaya Ş.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.6, pp.5631-5646, 2019 (Journal Indexed in SCI)
- IV. **Thermal performance of PCCP panel radiators for different convector dimensions - An experimental and numerical study**
Çalışır T., Yazar H. O. , Baskaya Ş.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.137, pp.375-387, 2019 (Journal Indexed in SCI)
- V. **Numerical investigation of flow and heat transfer on smooth surface using inclined impinging jet**
Lak A., ÇALIŞIR T., BAŞKAYA Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.1, pp.165-176, 2019 (Journal Indexed in SCI)
- VI. **Determination of the effects of different inlet-outlet locations and temperatures on PCCP panel radiator heat transfer and fluid flow characteristics**

- Çalışır T., Yazar H. O. , Baskaya Ş.
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.121, pp.322-335, 2017 (Journal Indexed in SCI)
- VII. **Design and experimental investigation of a thermoelectric self-powered heating system**
Alptekin M., ÇALIŞIR T., Baskaya Ş.
ENERGY CONVERSION AND MANAGEMENT, vol.146, pp.244-252, 2017 (Journal Indexed in SCI)
- VIII. **Numerical investigation of flow field on ribbed surfaces using impinging jets**
Çalışır T., Çalışkan S., Kilic M., Başkaya Ş.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, pp.119-130, 2017 (Journal Indexed in SCI)
- IX. **NUMERICAL INVESTIGATION OF HEAT TRANSFER USING IMPINGING JETS ON TRIANGULAR AND SQUARE RIBBED ROUGHENED WALLS**
Çalışır T., Çalışkan S., Kilic M., Baskaya Ş.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.37, no.1, pp.13-24, 2017 (Journal Indexed in SCI)
- X. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF VORTEX PROMOTER EFFECTS ON HEAT TRANSFER FROM HEATED ELECTRONIC COMPONENTS IN A RECTANGULAR CHANNEL WITH AN IMPINGING JET**
Kilic M., ÇALIŞIR T., BAŞKAYA Ş.
HEAT TRANSFER RESEARCH, vol.48, no.5, pp.435-463, 2017 (Journal Indexed in SCI)
- XI. **Experimental and numerical study of heat transfer from a heated flat plate in a rectangular channel with an impinging air jet**
Kilic M., ÇALIŞIR T., BAŞKAYA Ş.
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.39, no.1, pp.329-344, 2017 (Journal Indexed in SCI)
- XII. **Experimental and Numerical Study on Thermoelectric Generator Performance Applied to a Condensing Combi Boiler**
BAŞKAYA Ş., KARAASLAN S., ÇALIŞIR T., YILMAZOĞLU M. Z. , Yilmaz T. O.
HEAT TRANSFER ENGINEERING, vol.36, pp.1292-1302, 2015 (Journal Indexed in SCI)
- XIII. **EXPERIMENTAL PERFORMANCE EVALUATION OF COMBI-HEATERS WITH DIFFERENT HEAT EXCHANGER UNITS**
Köseoğlu M. F. , Başkaya Ş., Çalışır T.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.1, pp.29-37, 2015 (Journal Indexed in SCI)
- XIV. **Experimental and numerical investigation of geometry effects on multiple impinging air jets**
Çalışkan S., Başkaya Ş., Çalışır T.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.75, pp.685-703, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The influence of different geometrical dimensions of convectors on the heat transfer from panel radiators**
Çalışır T., Başkaya Ş.
SN Applied Sciences, vol.3, no.3, pp.284, 2021 (Journal Indexed in ESCI)
- II. **Flow and Heat Transfer Characteristics of Inclined Jet Impingement on a Flat Plate**
Lak A., ÇALIŞIR T., BAŞKAYA Ş.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.3, pp.697-706, 2020 (Journal Indexed in ESCI)
- III. **EXPERIMENTAL AND NUMERICIAL INVESTIGATION OF CEILING MOUNTED RADIANTPANELS HEAT OUTPUT FOR DIFFERENT INLET-OUTET WATER TEMPERATURES**
Ergür E., Serhat Ü., Çalışır T., Başkaya Ş., Topal H.
International Journal of Scientific Research in Information Systems and Engineering, vol.4, no.1, pp.42-48, 2018

(Refereed Journals of Other Institutions)

IV. Experimental and Numerical Prediction of Flow Field around a Panel Radiator

Çalışır T., Başkaya Ş., Yazar H. O., Yücedağ S.

Journal of Environmental Science, vol.5, no.1, pp.1-11, 2016 (Refereed Journals of Other Institutions)

V. Non newtonian nano akışkanla dolu olan iki dairesel silindir arasındaki laminar doğal taşınımın incelenmesi

Harab B. A., Başkaya Ş., Çalışır T.

GAU Journal of Social and Applied Sciences, vol.6, no.2, pp.37-48, 2016 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. Investigation of the effect of spiral mini pin fins on the forced convective heat transfer from a heat sink

Kutlu Y., Çalışır T., Başkaya Ş.

2ND INTERNATIONAL EURASIAN CONFERENCE ON SCIENCE, ENGINEERING AND

TECHNOLOGY(EURASIANSCIENTECH 2020), Gaziantep, Turkey, 7 - 09 October 2020

II. Experimental Investigation of Frost Formation on a Finned Tube Heat Exchanger under Various Conditions

Baş H., Çalışır T., Başkaya Ş.

2nd INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, İstanbul, Turkey, 27 - 29 June 2019

III. A Numerical Investigation of a Ceiling Type Radiant Panel Heater

Dikmen T., Çalışır T., Başkaya Ş.

6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara, Turkey, 13 - 15 June 2019

IV. Numerical study on forced convective heat transfer from a heat sink with mini pin fins located inside a channel

Kutlu Y., Çalışır T., Başkaya Ş.

6th International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kkct), 6 - 08 March 2019

V. Numerical investigation of mixed convection in a vertical channel with opposing rectangular constrictions

Özdemir S., Çalışır T., Başkaya Ş.

6th International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kkct), 6 - 08 March 2019

VI. A Numerical investigation of heat transfer rate and flow characteristics with submerged multiple water jet arrays on high heat flux surfaces

Çakmak Ö. F., Çalışır T., Başkaya Ş.

International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018

VII. Numerical Study of Mixed Convection Heat Transfer in a Vertical Channel with one-sided Semi Cylindrical Constrictions

Özdemir S., Çalışır T., Başkaya Ş.

International Science and Engineering Congress – 2018, North Cyprus, Girne, Cyprus (Kkct), 4 - 06 September 2018

VIII. Direct Single Impingement Jet Cooling of High Heat Flux Surfaces

Çalışır T., Ergür E., Parlak M., Başkaya Ş.

3rd International Conference on Viable Energy Trends (InVenT-2018), Sankt-Peterburg, Russia, 1 - 03 September 2018

IX. Investigation of the Effect of Convectors on the Flow Field above Panel Radiators

Çalışır T., Başkaya Ş., Yazar H. O., Topal H.

3rd International Conference on Engineering Technology and Applied Sciences, ICETAS, Skopje, Macedonia, Skopje, Macedonia, 17 - 21 July 2018

- X. **Heat Output of Panel Radiators at Different Height and Length for an Efficient Use**
Çalışır T., Başkaya Ş., Yazar H. O.
3rd International Conference on Engineering Technology and Applied Sciences, ICETAS, Skopje, Macedonia, 17 - 21 July 2018
- XI. **Solar And Biogas Hybrid Energy Resources Used With An Example Of Hospital Building Project In Turkey**
Topal H., Altınsoy Y., Başkaya Ş., Çalışır T.
ICENS 4th International Conference on Engineering and Natural Science, Kyiv, Ukraine, 2 - 06 May 2018
- XII. **Energy and Exergy Analysis of 10 kWe Solar Organic Rankine Cycle**
Topal H., Başeğmez A., Altınsoy Y., Çalışır T., Başkaya Ş.
ICENS 4th International Conference on Engineering and Natural Science, Kyiv, Ukraine, 2 - 06 May 2018
- XIII. **Numerical investigation of different parameters on the laminar natural convection heat transfer in annular space between horizontal cylinders filled with non-newtonian nano fluid**
Harab B. A. , Çalışır T., Başkaya Ş., Topal H.
5th International Symposium on Engineering, Artificial Intelligence Applications, ISEAIA 2017, Girne, Cyprus (Kktc), 1 - 03 November 2017
- XIV. **Experimental investigation of system performance and emission behavior in biomass fueled domestic heating boilers**
Topal H., Altınsoy Y., Başkaya Ş., Çalışır T.
International Symposium on Engineering, Artificial Intelligence Applications, ISEAIA 2017, Girne, Cyprus (Kktc), 1 - 03 November 2017
- XV. **Determination of the effect of different inlet and outlet water circulation temperatures on the flow field around a panel radiator using PIV**
Çalışır T., Başkaya Ş., Yazar H. O. , Yücedağ S.
Proceedings of the 2nd Thermal and Fluid Engineering Conference, TFEC2017 4th International Workshop on Heat Transfer, IWHT2017, Nevada, United States Of America, 2 - 05 April 2017, pp.1303-1316
- XVI. **Enhancement of Heat Output of Panel radiators using numerical techniques**
Çalışır T., Başkaya Ş., Yazar H. O. , Yücedağ S.
Proceedings of the 2nd Thermal and Fluid Engineering Conference, TFEC2017 4th International Workshop on Heat Transfer, IWHT2017, Nevada, United States Of America, 2 - 05 April 2017, pp.649-662
- XVII. **Experimental Determination of Panel Radiator Heat Output According to EN 442 2**
Çalışır T., Başkaya Ş., Yazar H. O. , Yücedağ S.
Int. Conference on Engineering and Natural Science – Summer Session (ICENS-Summer 2016), Kyoto, Japan, 12 - 14 July 2016
- XVIII. **Experimental Efficiency Comparison of Cross Flow and Counter Flow Plate Air to Air Heat Exchangers**
Dağ O. F. , Başkaya Ş., Çalışır T.
Int. Conference on Environment and Renewable Energy (ICERE 2016), Munich, Germany, 25 - 27 May 2016
- XIX. **Panel Radyatör Isıl Gücünün Farklı Bağlantı Konumu ve Giriş Çıkış Sıcaklıklarında Sayısal olarak İncelenmesi**
Çalışır T., Başkaya Ş., Yazar H. O. , Yücedağ S.
1. Uluslararası Şehir, Çevre ve Sağlık Kongresi, Gazimagusa, Cyprus (Kktc), 11 - 15 May 2016
- XX. **Performance comparisons of diffuser inlet and outlet positions on the temperature and velocity variations in a furnished office room**
Karaşahin F., Başkaya Ş., Çalışır T., Çalışkan S.
8th International Symposium on Turbulence, Heat and Mass Transfer (THMT'15), Sarajevo, Bosnia And Herzegovina, 15 - 18 September 2015
- XXI. **Numerical analysis of different diffuser and vent numbers in a commercial display cabinet with air curtain for different environmental velocities**

Güngüneş H. M. , Başkaya Ş., Çalışır T., Köseoğlu M. F.

8th International Symposium on Turbulence, Heat and Mass Transfer (THMT'15), Sarajevo, Bosnia And Herzegovina, 15 - 18 September 2015

- XXII. **Güneş Kollektörlerinde Boru Çapı Etkisinin Deneysel Olarak İncelenmesi**
Coşkun E., Başkaya Ş., Çalışır T., Yücedağ S., Tarakçıoğlu S.
20. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'15), Balıkesir, Turkey, 2 - 05 September 2015
- XXIII. **Çarpan Jet ve Farklı geometride akış yönlendiriciler kullanarak ısıtılan bir yüzeyden olan ısı transferinin artırılması**
Kılıç M., Başkaya Ş., Çalışır T.
20. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'15), Balıkesir, Turkey, 2 - 05 September 2015
- XXIV. **A Numerical Investigation of Thermoelectric Generators for Heating Appliance**
Alptekin M., Çalışır T., Yılmaz T. O. , Başkaya Ş.
3rd International Symposium on Innovative Technologies in Engineering and Science (ISITES 2015), Valencia, Spain, 3 - 05 June 2015
- XXV. **Parametric numerical investigation of heat transfer from convectors to improve efficiency of panel radiators**
Çalışır T., Başkaya Ş., Yazar H. O. , Yücedağ S.
ICHMT International Symposium on Advances in Computational Heat Transfer, New Jersey, United States Of America, 25 - 29 May 2015
- XXVI. **A numerical study by using thermoelectric generators for power generation**
Alptekin M., Çalışır T., Yılmaz T. O. , Başkaya Ş.
SOLARTR 2014 Conference & Exhibition, İzmir, Turkey, 19 - 21 November 2014
- XXVII. **Experimental investigation of panel radiator heat output enhancement for efficient thermal use under actual operating conditions**
ÇALIŞIR T., BAŞKAYA Ş., Yazar H. O. , Yucedag S.
9th International Conference on Experimental Fluid Mechanics, Cesky Krumlov, Czech Republic, 18 - 21 November 2014, vol.92
- XXVIII. **Experimental and numerical investigation of flow field and heat transfer from electronic components in a rectangular channel with an impinging jet**
ÇALIŞIR T., KÖSEOĞLU M. F. , Kilic M., BAŞKAYA Ş.
9th International Conference on Experimental Fluid Mechanics, Cesky Krumlov, Czech Republic, 18 - 21 November 2014, vol.92
- XXIX. **Investigation of Thermal Comfort inside a Furnished Office Room According to Velocity Temperature Variations**
Karaşahin F., Çalışır T., Başkaya Ş.
7th Mediterranean Congress of Climatization (CLIMAMED 13), İstanbul, Turkey, 3 - 04 October 2013
- XXX. **Bir Kombi Isı Hücresinin Isı Transferi ve Akış Karakterisitığının Sayısal Olarak İncelenmesi**
Karaaslan S., Çalışır T., Yılmazoğlu M. Z. , Başkaya Ş., Yılmaz T. O.
19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Samsun, Turkey, 9 - 12 September 2013
- XXXI. **Çarpan Akışkan Jet İle Sabit Isı Akısına Sahip Düz Bir Plakadan Olan Isı Transferinin Sayısal Olarak İncelenmesi**
Kılıç M., Çalışır T., Başkaya Ş.
19. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'13), Samsun, Turkey, 9 - 12 September 2013
- XXXII. **Çarpan Akışkan Jetleri Kullanarak Üçgen Kanatçıklı Yüzeyler Üzerindeki Akış Ve Isı Transferinin Sayısal Olarak İncelenmesi**
Çalışır T., Çalışkan S., Başkaya Ş.
19. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'13), Samsun, Turkey, 9 - 12 September 2013
- XXXIII. **Experimental Study on Thermoelectric Generator Performance Applied to a Combi Boiler**
Yılmazoğlu M. Z. , Karaaslan S., Çalışır T., Başkaya Ş., Yılmaz T. O.
13th UK Heat Transfer Conference, London, London, United Kingdom, 2 - 03 September 2013
- XXXIV. **Investigation of Vortex Promoter s Effects on Heat Transfer from Heated Electronic Components**

Using Impinging Jets

Kılıç M., Çalışır T., Başkaya Ş.

13th UK Heat Transfer Conference (UKHTC2013), London, United Kingdom, 2 - 03 September 2013

XXXV. **Experimental study on the heat transfer under impinging jet array for low jet to plate distances**

ÇALIŞKAN S., ÇALIŞIR T., BAŞKAYA Ş.

12th International Conference on Sustainable Energy Technologies (SET2013), HONG KONG, China, 26 - 29 August 2013

XXXVI. **Investigation of Thermoelectric Generator Locations in a Heat Cell**

Karaaslan S., Çalışır T., Yılmazoğlu M. Z. , Yılmaz T. O. , Başkaya Ş.

The 6th PSU NSU International Conference on Engineering and Technology (ICET 2013), NoviSad, Novi-Sad, Serbia, 15 - 17 May 2013

XXXVII. **Sınırlandırılmış Çarpın Akışkan Jetler İle Sabit Isı Akısına Sahip Elektronik Devre Elemanlarından Olan Isı Transferinin Sayısal Olarak İncelenmesi**

Kılıç M., Çalışır T., Başkaya Ş.

6. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 25 - 26 April 2013, pp.123-128

XXXVIII. **A New Engineering Branch Energy Systems**

BALKU Ş., ÇALIŞIR T.

International Engineering Education Conference, MEUK 2010, Antalya, Turkey, 4 - 06 November 2010

Supported Projects

Çalışır T., Project Supported by Higher Education Institutions, Düşük Orifis-Plaka Mesafelerinde Sentetik Çarpmalı Jetlerin Sayısal Olarak İncelenmesi, 2021 - 2023

Çalışır T., Project Supported by Higher Education Institutions, Hava artırma kanalının çarpmalı jet akış ve ısı transferine etkisinin incelenmesi, 2020 - 2022

Çalışır T., Başkaya Ş., Project Supported by Higher Education Institutions, TÜRKİYE'DE ÜRETİMİ OLMAYAN SULU RADYANT PANEL SİSTEMİNİN DENEYSEL VE SAYISAL OLARAK ARAŞTIRILMASI, 2018 - 2019

Başkaya Ş., Industrial Thesis Project, PANEL RADYATÖR ISIL VERİMİNİN İYİLEŞTİRİLMESİ YÖNÜNDE SU KANALI PANEL VE KONVEKTÖRÜN AYRI VE BİRLİKTE SAYISAL VE DENEYSEL OLARAK ARAŞTIRILMASI, 2014 - 2016

Çalışır T., Başkaya Ş., Project Supported by Higher Education Institutions, PARTICLE IMAGE VELOCIMETRY PIV VE LAZER DOPPLER ANEMOMETRİSİ LDA LABORATUVARI ALTYAPISININ GELİŞTİRİLEREK TAMAMLANMASI VE BİR BİLİMSEL ÇALIŞMADA İLK KULLANIMI, 2014 - 2015

Çalışır T., Başkaya Ş., TUBITAK Project, Çarpmalı Akışkan Jetlerle Kanal İçine Yerleştirilmiş Elemanlardan Konveksiyonla Olan Isı Transferinin Sayısal ve Deneysel Olarak İncelenmesi, 2013 - 2014

Çalışır T., Yılmazoğlu M. Z. , Başkaya Ş., Project Supported by Higher Education Institutions, Termoelektrik Jeneratörlerin Karakteristiklerinin Deneysel Olarak Tespit Edilmesi, 2012 - 2013

Çalışır T., Başkaya Ş., Project Supported by Higher Education Institutions, 5627 Sayılı Enerji Verimliliği Kanunu Gereği Kompresör Atık Isı Potansiyelinin Belirlenmesinin Deneysel Olarak İncelenmesi, 2012 - 2013

Çalışır T., Başkaya Ş., Project Supported by Higher Education Institutions, Sanayi Tipi Fırınlarda Atık Isı Geri Kazanımının Deneysel Ve Sayısal İncelenmesi, 2012 - 2013

Memberships / Tasks in Scientific Organizations

TURKISH SOCIETY OF THERMAL SCIENCES AND TECHNOLOGY, Member, 2021 - Continues, Turkey

American Society of Thermal and Fluids Engineers, Member, 2017 - Continues, United States Of America

Chamber of Mechanical Engineers, Member, 2008 - Continues, Turkey

Scientific Refereeing

HEAT AND MASS TRANSFER, SCI Journal, June 2022
IEEE ACCESS, SCI Journal, June 2022
INTERNATIONAL JOURNAL OF GREEN ENERGY, SCI Journal, May 2022
JOURNAL OF THERMAL SCIENCE, Journal Indexed in SCI-E, May 2022
THERMAL SCIENCE AND ENGINEERING PROGRESS, SCI Journal, May 2022
HEAT AND MASS TRANSFER, SCI Journal, May 2022
Heat Transfer , Journal Indexed in ESCI, May 2022
WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal, May 2022
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, SCI Journal, April 2022
EXPERIMENTAL HEAT TRANSFER, SCI Journal, April 2022
Heat Transfer, Journal Indexed in ESCI, April 2022
Heat Transfer, Journal Indexed in ESCI, March 2022
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, SCI Journal, March 2022
ULUSLARARASI MÜHENDİSLİK ARAŞTIRMA VE GELİŞTİRME DERGİSİ, National Scientific Refreed Journal, July 2021
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, Journal Indexed in ESCI, June 2021
INTERNATIONAL JOURNAL OF GREEN ENERGY, SCI Journal, April 2021
HEAT TRANSFER, Journal Indexed in ESCI, March 2021
CASE STUDIES IN THERMAL ENGINEERING, Journal Indexed in SCI-E, March 2021
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, SCI Journal, March 2021
JOURNAL OF THERMAL ENGINEERING, Journal Indexed in ESCI, February 2021
HEAT TRANSFER, Journal Indexed in ESCI, August 2020
JOURNAL OF THERMAL SCIENCE, SCI Journal, August 2020
CHEMICAL ENGINEERING AND PROCESSING, SCI Journal, June 2020
FLUID DYNAMICS RESEARCH, SCI Journal, April 2020
IEEE ACCESS, SCI Journal, March 2020
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, SCI Journal, January 2020
HEAT TRANSFER RESEARCH, SCI Journal, July 2019
POLİTEKNİK DERGİSİ , Journal Indexed in ESCI, June 2019

Citations

Total Citations (WOS):149

h-index (WOS):7