

Prof. Kenan YAKUT

Personal Information

Web: <https://avesis.atauni.edu.tr/kyakut>

International Researcher IDs

ScholarID: m- 2vDcQAAAAJ

ORCID: 0000-0001-7822-2445

ScopusID: 6602745987

Yoksis Researcher ID: 37688

Education Information

Doctorate, Erciyes University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1992 - 1996

Postgraduate, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1989 - 1991

Undergraduate, Erciyes University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 1985 - 1988

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Dirsekli ve vanalı boru hatlarında akış kaynaklı titreşimlerin spektral ve gürültü analizi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 1996

Postgraduate, Boru hatlarında akış kaynaklı titreşimlerin sönümlenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 1992

Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Conventional Energy Systems and Their Technology, Alternative Energy Resources, Solar energy, Thermodynamics, Heating, Refrigerating and Air Conditioning, Computational fluid dynamics, Engineering and Technology

Academic Titles / Tasks

Professor, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 1989 - Continues

Academic and Administrative Experience

Enerji Koordinatörlüğü, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2021 - Continues

Member of the Senate, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği, 2016 - Continues

Atatürk Üniversitesi, Atatürk Üniversitesi, Horasan Meslek Yüksekokulu, 2016 - Continues

Courses

Termal Sistemler Mühendisliği II, Doctorate, 2023 - 2024, 2020 - 2021
Makine Mühendisliği Seçmeli Tasarım II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
SPREY TEKNOLOJİSİ VE UYGULAMALARI, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
HİDROLİK MAKİNALAR, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
SIMULATIONS AND MODEL TECHNIQUE, Postgraduate, 2022 - 2023
TERMAL SİSTEM MÜHENDİSLİĞİ I, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Hydraulic and Pneumatic Systems, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Bitirme Projesi-II, Undergraduate, 2021 - 2022, 2020 - 2021
Makine Mühendisliği Seçmeli Tasarım I, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **OPTIMIZATION OF FINNED HEAT SINKS WITH ELECTROSPRAY COOLING: FULL FACTORIAL METHOD**
Kabakus A., YAKUT K.
HEAT TRANSFER RESEARCH, vol.55, no.6, pp.47-64, 2024 (SCI-Expanded)
- II. **ANALYZING THE HEAT AND FLOW CHARACTERISTICS IN SPRAY COOLING BY USING AN OPTIMIZED RECTANGULAR FINNED HEAT SINK**
Karabey A., YAKUT K.
Heat Transfer Research, vol.55, no.11, pp.19-34, 2024 (SCI-Expanded)
- III. **A novel ignition timing strategy to regulate the energy balance during the warm up phase of an SI engine**
Koksal H., Ceviz M. A., YAKUT K., Kaltakkiran G., ÖZAKIN A. N.
CASE STUDIES IN THERMAL ENGINEERING, vol.41, 2023 (SCI-Expanded)
- IV. **Optimization of operational parameters for a photovoltaic panel cooled by spray cooling**
YEŞİLDAL F., ÖZAKIN A. N., YAKUT K.
Engineering Science and Technology, an International Journal, vol.25, 2022 (SCI-Expanded)
- V. **Determination of heat transfer and spray performances of isopropyl alcohol electro spray**
Yakut R., YAKUT K., Sabolsky E., Kuhlman J.
SENSORS AND ACTUATORS A-PHYSICAL, vol.332, 2021 (SCI-Expanded)
- VI. **Experimental determination of cooling performance on heat sinks with cone-jet electro spray mode**
Kabakuş A., YAKUT K., ÖZAKIN A. N., Yakut R.
Engineering Science and Technology, an International Journal, vol.24, pp.665-670, 2021 (SCI-Expanded)
- VII. **Experimental determination of cooling and spray characteristics of the water electro spray**
Yakut R., YAKUT K., Sabolsky E., Kuhlman J.
International Communications in Heat and Mass Transfer, vol.120, 2021 (SCI-Expanded)
- VIII. **Performance Analysis of Photovoltaic-Heat Pump (PV/T) Combined Systems: A Comparative Numerical Study**
ÖZAKIN A. N., YAKUT K., Khalaji M. N.
JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS OF THE ASME, vol.142, no.2, 2020 (SCI-Expanded)
- IX. **Experimental Study of Regenerative Rotational Damper in Low Frequencies**
Amini A., EKİCİ Ö., YAKUT K.
INTERNATIONAL JOURNAL OF AUTOMOTIVE TECHNOLOGY, vol.21, no.1, pp.83-90, 2020 (SCI-Expanded)
- X. **Investigating the Effect of Medium Liquid Layer Circulation on Temperature Distribution in a Thermoelectric Generator Heat Exchanger Assembly**
AMİNİ A., EKİCİ Ö., YAKUT K.

JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.141, no.4, 2019 (SCI-Expanded)

- XI. **Numerical analysis with experimental comparison in duct flow using optimized heat sinks**
Guresci K., Yesildal F., Karabay A., Yakut R., YAKUT K.
JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES, vol.11, no.2, pp.116-123, 2018 (SCI-Expanded)
- XII. **Optimization of the spray cooling parameters for a heat sink by the taguchi method**
Yesildal F., YAKUT K.
Atomization and Sprays, vol.27, no.12, pp.1063-1075, 2017 (SCI-Expanded)
- XIII. **Experimental investigation of thermal resistance of a heat sink with hexagonal fins**
Yakut K., ALEMDAROGLU N., Kotcioglu I., Celik C.
APPLIED THERMAL ENGINEERING, vol.26, pp.2262-2271, 2006 (SCI-Expanded)
- XIV. **Optimum design-parameters of a heat exchanger having hexagonal fins**
Yakut K., ALEMDAROGLU N., Sahin B., Celik C.
APPLIED ENERGY, vol.83, no.2, pp.82-98, 2006 (SCI-Expanded)
- XV. **Optimum design parameters of a heat exchanger**
Sahin B., Yakut K., Kotcioglu I., Celik C.
APPLIED ENERGY, vol.82, no.1, pp.90-106, 2005 (SCI-Expanded)
- XVI. **Reduction of peak amplitudes of pressure fluctuations in turbulent pipe flow using vortex generators and compliant boundaries**
CANBAZOGLU S., Yakut K.
HVAC&R RESEARCH, vol.11, no.3, pp.487-498, 2005 (SCI-Expanded)
- XVII. **Effects of tapes with double-sided delta-winglets on heat and vortex characteristics**
Yakut K., Sahin B., Celik C., ALEMDAROGLU N., KURNUC A.
APPLIED ENERGY, vol.80, no.1, pp.77-95, 2005 (SCI-Expanded)
- XVIII. **The effects of vortex characteristics on performance of coiled wire turbulators used for heat transfer augmentation**
Yakut K., Sahin B.
APPLIED THERMAL ENGINEERING, vol.24, no.16, pp.2427-2438, 2004 (SCI-Expanded)
- XIX. **Flash atomization of water/acetone solutions**
GEMCI t., Yakut K., CHIGIER N., HO T.
ATOMIZATION AND SPRAYS, vol.14, no.5, pp.459-475, 2004 (SCI-Expanded)
- XX. **Performance and flow-induced vibration characteristics for conical-ring turbulators**
Yakut K., Sahin B., CANBAZOGLU S.
APPLIED ENERGY, vol.79, no.1, pp.65-76, 2004 (SCI-Expanded)
- XXI. **Flow-induced vibration analysis of conical rings used for heat transfer enhancement in heat exchangers**
Yakut K., Sahin B.
APPLIED ENERGY, vol.78, no.3, pp.273-288, 2004 (SCI-Expanded)
- XXII. **Experimental study of flash atomization of binary hydrocarbon liquids**
GEMCI t., Yakut K., CHIGIER N., HO T.
INTERNATIONAL JOURNAL OF MULTIPHASE FLOW, vol.30, no.4, pp.395-417, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of Heat Transfer Characteristics with Electrospray Cooling in a Square Fin Heat Sink**
KABAKUŞ A., yakut k.
Karadeniz Fen Bilimleri Dergisi, vol.13, no.3, pp.843-857, 2023 (Peer-Reviewed Journal)
- II. **Comparison of electrospray and mechanical spray atomization cooling performances on heat sinks**
Kabakus A., YAKUT K., ÖZAKIN A. N.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.26, no.2, pp.765-773, 2023 (ESCI)

- III. **Hava Jetinin Altıgen Kanatlı Isı Alıcıya Çaptırılmasıyla Elde Edilen Basınç Katsayılarının Deneysel ve Nümerik Olarak Belirlenmesi**
YAKUT R., YAKUT K.
Kocaeli Fen Bilimleri Dergisi, 2020 (Peer-Reviewed Journal)
- IV. **Experimental Investigation of Thermal Performance of Photovoltaic Thermal (PVT) Systems**
ÖZAKIN A. N., YEŞİLYURT M. K., YAKUT K.
International Journal of Engineering Research Science, vol.12, pp.23-27, 2017 (Peer-Reviewed Journal)
- V. **Jet impingement heat transfer and flow characteristics analysis of heat sinks which optimized in duct flow**
YAKUT K., KABAKUŞ A., YEŞİLDAL F., KARABEY A.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.31, pp.43-55, 2015 (Peer-Reviewed Journal)
- VI. **Toward attenuation of self-sustained oscillations of a turbulent jet through two orifices with same diameter**
Canbazoglu S., YAKUT K.
Turkish Journal of Engineering and Environmental Sciences, vol.22, no.1, pp.17-26, 1998 (Scopus)

Books & Book Chapters

- I. **Pompalar, Fanlar ve Kompresörler**
YAKUT K.
in: Makina ve Teçhizat, , Editor, Atatürk Üniversitesi Açıköğretim Fakültesi, Erzurum, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **ELEKTROSPREY SOĞUTMADA NOZUL ÇAPI VE SAYISININ ISI TRANSFERİNE ETKİLERİNİN BELİRLENMESİ**
KABAKUŞ A., YAKUT K., ÖZAKIN A. N.
ULIBTK'21 Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 08 September 2021
- II. **PERFORMANCE ANALYSIS OF AN EVAPORATOR HAVING RECTANGULAR FINS ON PHOTOVOLTAIC-HEAT PUMP COMBINED SYSTEM**
ÖZAKIN A. N., YAKUT K., KABAKUŞ A., OSTA M. H., YEŞİLDAL F.
ULIBTK'21 Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 08 September 2021
- III. **FOTOVOLTAİK SİSTEMLERDE SPREY SOĞUTMANIN DENEYSEL ANALİZİ**
OSTA M. H., ÖZAKIN A. N., YEŞİLDAL F., YAKUT K.
ULIBTK'21 Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 08 September 2021
- IV. **Yeni Tasarım Evaporatörün PV/T-Isı Pompası Bütünleşik Sistemine Etkisinin Sayısal Olarak İncelenmesi**
ÖZAKIN A. N., YAKUT R., YAKUT K.
22. ISI BİLİMİ VE TEKNİĞİ KONGRESİ, Kocaeli, Turkey, 11 - 14 September 2019
- V. **ÇARPAN HAVA JETİYLE ALTIGEN KANATÇIKLI SOĞUTMA PLAKASININ AKIŞ ÖZELLİKLERİNİN DENEYSEL VE SAYISAL OLARAK BELİRLENMESİ**
YAKUT R., YAKUT K.
22. Isı Bilimi ve Tekniği Kongresi, Kocaeli, Turkey, 11 - 14 September 2019
- VI. **Investigating the Effective Operating Conditions for a Novel Thermoelectric Generator Mounted on an Exhaust Pipeline**
Amini A., EKİCİ Ö., YAKUT K.
ISASTECH 2019 International Symposium on Automotive Science and Technology, 5 - 06 September 2019
- VII. **Investigating the Effective Operating Conditions for a Novel Thermoelectric Generator Mounted on Exhaust Pipeline**

AMİNİ A., EKİCİ Ö., YAKUT K.

INTERNATIONAL SYMPOSIUM ON AUTOMOTIVE SCIENCE AND TECHNOLOGY, Ankara, Turkey, 5 - 06 September 2019, pp.1-10

- VIII. **Investigating the Effective Operating Conditions for a Novel Thermoelectric Generator Mounted on Exhaust Pipeline**
AMİNİ A., EKİCİ Ö., YAKUT K.
INTERNATIONAL SYMPOSIUM ON AUTOMOTIVE SCIENCE AND TECHNOLOGY, Ankara, Turkey, 5 - 06 September 2019, pp.1-10
- IX. **Energy Efficiency and Energy Management in Asphalt Plants**
KAYA Ö., YAKUT K., ÖZAKIN A. N., OSTA M. H.
ISASE 2018, 26 - 28 November 2018
- X. **Energy Analysis of Asphalt Plants**
YAKUT K., KAYA Ö., OSTA M. H., ÖZAKIN A. N.
ISASE 2018, 26 - 28 November 2018
- XI. **The Effect of Spray Characteristics on Drop Diameters and SMD Correlations**
YEŞİLDAL F., YAKUT K., KARABEY A., ÖZAKIN A. N.
ISASE2018, Erzurum, Turkey, 26 - 28 November 2018, pp.62-67
- XII. **Fotovoltaik Termal (PVT) Sistemlerin Isıl Performansının Deneysel Olarak İncelenmesi**
ÖZAKIN A. N., YEŞİLYURT M. K., ÖNER İ. V., YAKUT K.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017
- XIII. **A Numerical Analysis Of Heat Characteristics For Different Heat Sinks With Impingement Jet**
YAKUT R., YAKUT K., ÖZAKIN A. N., KARABEY A.
International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017, pp.1056-1062
- XIV. **Experimental Investigation of Thermal Performance in Photovoltaic Thermal (PVT) Systems**
ÖZAKIN A. N., YEŞİLYURT M. K., ÖNER İ. V., YAKUT K.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017, pp.386-390
- XV. **Analysis of Heat and Flow Characteristics on Spray Cooling Heat Transfer with an Optimized Hexagonal Finned Heat Sink**
YEŞİLDAL F., YAKUT K.
Proceedings ILASS–Europe 2017. 28th Conference on Liquid Atomization and Spray Systems, Spain, 6 - 08 September 2017, pp.984-991
- XVI. **Determination Of Heat And Flow Characteristics In Spray Cooling With Rectangular Finned Heat Sink, Tam Metin Bildiri, Ilass?europe**
KARABEY A., YAKUT K.
Institute for Liquid Atomization and Spray Systems ILASS 2017, Valencia, Spain, 6 - 08 September 2017, pp.637-644
- XVII. **Determination Of Heat And Flow Characteristics In Spray Cooling With Rectangular Finned Heat Sink, Tam Metin Bildiri, Ilass?europe**
KARABEY A., YAKUT K.
Institute for Liquid Atomization and Spray Systems ILASS 2017, Valencia, Spain, 6 - 08 September 2017, pp.637-644
- XVIII. **Analysis Of Heat And Flow Characteristics On Spray Cooling Heat Transfer With An Optimized Hexagonal Finned Heat Sink**
YEŞİLDAL F., YAKUT K.
Institute for Liquid Atomization and Spray Systems ILASS 2017, Valencia, Spain, 6 - 08 September 2017, pp.984-991
- XIX. **Analysis Of Heat And Flow Characteristics On Spray Cooling Heat Transfer With An Optimized Hexagonal Finned Heat Sink**
YEŞİLDAL F., YAKUT K.

Institute for Liquid Atomization and Spray Systems ILASS 2017, Valencia, Spain, 6 - 08 September 2017, pp.984-991

- XX. **Determination of Heat and Flow Characteristics in Spray Cooling with Rectangular Finned Heat Sink**
Karabey A., YAKUT K.
28th European Conference on Liquid Atomization and Spray Systems (ILASS), Valencia, Spain, 5 - 08 September 2017, pp.637-644
- XXI. **Dikdörtgen Kanatçıklı Isı Alıcıda Tam Koni Nozul Kullanılarak Sprey Soğutma Karakteristiklerinin Belirlenmesi**
KARABEY A., YAKUT K.
International Conference on Computational and Experimental Science and Engineering (ICCESEN2016), Antalya, Turkey, 19 - 24 October 2016, pp.242
- XXII. **Experimental and numerical investigations of impingement air jet for a heat sink**
YAKUT R., YAKUT K., YEŞİLDAL F., KARABEY A.
IX INTERNATIONAL CONFERENCE ON COMPUTATIONAL HEAT AND MASS TRANSFER, Cracow, Poland, 23 - 26 May 2016, pp.1-8
- XXIII. **Experimental and Numerical Investigations of Impingement Air Jet for a Heat Sink**
Yakut R., YAKUT K., Yesildal F., Karabey A.
9th International Conference on Computational Heat and Mass Transfer (ICCHMT), Cracow, Poland, 23 - 26 May 2016, vol.157, pp.3-12
- XXIV. **Thermal Performance Analysis of Optimized Hexagonal Finned Heat Sinks in Impinging Air Jet**
YAKUT K., YEŞİLDAL F., Karabey A., Yakut R.
International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 21 - 23 April 2016, vol.1726
- XXV. **Altıgen Kanatçıklı Isı Alıcıların Kanal Akışında Isı ve Akım Karakteristiklerinin Sayısal Olarak İncelenmesi**
KUMRU G., YAKUT K., YEŞİLDAL F., KARABEY A., YAKUT R.
3. ANADOLU ENERJİ SEMPOZYUMU, Muğla, Turkey, 1 - 03 October 2015
- XXVI. **Dikdörtgen Kanatçıklı Isı Alıcıların Kanal Akışında Isı ve Akım Karakteristiklerinin Sayısal Olarak İncelenmesi**
KUMRU G., YAKUT K., YEŞİLDAL F., KARABEY A., YAKUT R.
20. Ulusal Isı Bilimi ve Tekniği Kongresi, Balıkesir, Turkey, 2 - 05 September 2015
- XXVII. **Altıgen Kanatçıklı Isı Alıcılarda Çarpan Jetle Isı ve Akış Karakteristiklerinin Deneysel ve Sayısal Olarak Belirlenmesi**
YAKUT R., YAKUT K., KABAKUŞ A., KUMRU G., YEŞİLDAL F.
20. Ulusal Isı Bilimi ve Tekniği Kongresi, Balıkesir, Turkey, 2 - 05 September 2015
- XXVIII. **Hava Destekli Flat Fan Nozulda Sprey Karakteristiklerinin Belirlenmesi**
AMJADI S., YAKUT K., YEŞİLDAL F., YAKUT R., KARABEY A.
20. Ulusal Isı Bilimi ve Tekniği Kongresi, Balıkesir, Turkey, 2 - 05 September 2015
- XXIX. **Hava Destekli Nozulda Sprey Soğutma Karakteristiklerinin Taguchi Metodu ile Optimizasyonu**
YEŞİLDAL F., YAKUT K., SAHAR A., YAKUT R., KARABEY A.
20. Ulusal Isı Bilimi ve Tekniği Kongresi, Balıkesir, Turkey, 2 - 05 September 2015
- XXX. **Hava Destekli Nozulda Sprey Karakteristiklerinin Belirlenmesi**
YEŞİLDAL F., YAKUT K., KARABEY A., KABAKUŞ A.
19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Turkey, 9 - 12 September 2013
- XXXI. **Kanal Akışında Optimize Edilmiş Isı Alıcıların Çarpan Jetle Isı Transferi Analizi**
KABAKUŞ A., YAKUT K., YEŞİLDAL F., KARABEY A.
19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Turkey, 09 September 2013 - 12 September 2011
- XXXII. **Dikdörtgen Kanatçıklı Isı Alıcının Çarpan Jet Isı Geçişi Karakteristikleri Analizi**
KARABEY A., YAKUT K., YEŞİLDAL F., KABAKUŞ A.
19. Ulusal Isı Bilimi ve Tekniği Kongresi, Samsun, Turkey, 09 September 2013 - 12 September 2011
- XXXIII. **Çarpan Jetle Isı Transferinde Isı ve Akım Karakteristiklerinin Dikdörtgen Kanatçıklı Isı Alıcıda**

Belirlenmesi

YAKUT K., KABAKUŞ A., YEŞİLDAL F., KARABEY A.

18. Ulusal Isı Bilimi ve Tekniği Kongresi, Zonguldak, Turkey, 7 - 10 September 2011, pp.75

XXXIV. Taguchi DeneY Tasarımı İle Optimizasyonu Yapılmış Dikdörtgen Kanatçıklı Isı Alıcılarda Isı Ve Akış Karakteristiklerinin Deneysel Analizi

YEŞİLDAL F., YAKUT K.

17. Ulusal Isı Bilimi ve Tekniği Kongresi, Sivas, Turkey, 24 February - 27 June 2009

XXXV. Taguchi DeneY Tasarımı İle Optimizasyonu Yapılmış Altıgen Kanatçıklı Isı Alıcılarda Isı Ve Akış Karakteristiklerinin Deneysel Analizi

YAKUT K., YEŞİLDAL F.

17. Ulusal Isı Bilimi ve Tekniği Kongresi, Sivas, Turkey, 24 - 27 June 2009

Supported Projects

YAKUT K., TOSUN C., Project Supported by Higher Education Institutions, Kaskad Çarpan Jet İle Mini Isı Alıcıların Isı Ve Akış Karakteristiklerinin Belirlenmesi, 2022 - 2024

YAKUT K., EGE F., Project Supported by Higher Education Institutions, Fotovoltaik Sistemlerin İkili Karışım Sprey İle Soğutulmasının Deneysel Olarak İncelenmesi, 2021 - 2023

YAKUT K., ÖZAKIN A. N., KÖKSAL H., KALTAKKIRAN G., Project Supported by Higher Education Institutions, İçten Yanmalı Motorlarda Warmup Periyoduna Ateşleme Avansının Etkisinin Silindir içi Karakteristikleri ile Birlikte Analizi, 2021 - 2023

YAKUT K., GÜNEŞ İ., YARDIMCI Y., YÜKSEL M. S., Project Supported by Higher Education Institutions, Yoğunlaştırılmış Güneş Enerjisi, 2019 - 2021

YAKUT K., KABAKUŞ A., ÖZAKIN A. N., YAKUT R., Project Supported by Higher Education Institutions, Farklı Tip Isı Alıcılarda Çoklu Elektrosprey Soğutma, 2018 - 2021

YAKUT K., TUĞRUL B., Project Supported by Higher Education Institutions, Acil Durumlarda Kullanılan Toprak Kaynaklı Isı Pompasıyla Konteynerlerin Isıtılması, 2019 - 2020

YAKUT K., ASLAN İ., HANÇER Ş. N., KUTLU B., GÜNGÖR E., SIÇRAR H., KURT Ö. A., Project Supported by Higher Education Institutions, Elele Verelim Birlikte Şiddete Dur Diyelim, 2019 - 2020

YAKUT K., DERTLİ M. E., ÖZÜNUR N., KURTULMUŞ B., DEMİRCAN B., ADAR F., TIRPANCI B., Project Supported by Higher Education Institutions, ToplayaPİL, 2019 - 2020

YAKUT K., ÖZAKIN O., İLHAN H., YILDIRIM D., ÇIBIKDAĞ İ., MUTLU A., BALIK Y., Project Supported by Higher Education Institutions, Biraz EmpATİ Biraz SemPATİ, 2019 - 2020

YAKUT K., KARABEY A., Project Supported by Higher Education Institutions, ALTİGEN GEOMETRİYE SAHİP ISI ALICILARDA FARKLI NOZUL ÇEŞİTLERİ KULLANILARAK SPREY KARAKTERİSTİKLERİNİN BELİRLENMESİ, 2013 - 2015

YAKUT K., KARABEY A., YEŞİLDAL F., Project Supported by Higher Education Institutions, ISI EŞANJÖRLERİNDE OPTİMUM SPREY KARAKTERİSTİKLERİNİN BELİRLENMESİ, 2012 - 2014

YAKUT K., KARABEY A., YEŞİLDAL F., Project Supported by Higher Education Institutions, ISI ALICILARDA ÇARPAN JETLE SOĞUTMANIN CFD-FLUENT İLE SAYISAL ANALİZİ, 2011 - 2012

YAKUT K., Project Supported by Higher Education Institutions, TAGUCHİ YÖNTEMİ İLE OPTİMİZE EDİLEN ISI ALICILARIN ÇARPAN JETLE ISI VE AKIŞ KAREKTERİSTİKLERİNİN BELİRLENMESİ, 2011 - 2012

YAKUT K., YEŞİLDAL F., Project Supported by Higher Education Institutions, SPREY SOĞUTMA İŞLEMİNDE ISI VE AKIŞ KARAKTERİSTİKLERİNİN DENEYSEL VE TEORİK OLARAK BELİRLENMESİ, 2010 - 2012

YAKUT K., KARABEY A., Project Supported by Higher Education Institutions, ISI ALICILARDA ÇARPAN JET İLE ISI TRANSFERLERİNDE ISI VE AKIM KARAKTERİSLERİNİN DENEYSEL VE TEORİK İNCELENMESİ, 2010 - 2011

Metrics

Publication: 66

Citation (WoS): 628

Citation (Scopus): 718

H-Index (WoS): 13

H-Index (Scopus): 13

Congress and Symposium Activities

ISASE 2018, Attendee, Erzurum, Turkey, 2018

2nd International Conference on Advanced Engineering Technologies, Attendee, Bayburt, Turkey, 2017

28th Conference on Liquid Atomization and Spray Systems, Attendee, Valencia, Spain, 2017

Non Academic Experience

Carnegie Mellon University, Dept. Of Mechanical Eng., Spray Systems Technology Center, PA, USA