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Education Information

Doctorate, Karadeniz Technical University, -, Makina Mühendisliği, Turkey 2003 - 2008

Postgraduate, Karadeniz Technical University, -, Makina Mühendisliği, Turkey 2001 - 2003

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği , Turkey 1996 - 2000

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Mikrokanallarda Akış ve Isı Transferi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği/Termodinamik, 2008

Postgraduate, İç Kanal Yüzeyi Yapay Olarak Pürüzlenen Eşmerkezli Karesel Halka Kanalda Akış ve Isı Transferinin Deneysel İncelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği/Termodinamik, 2003

Research Areas

Mechanical Engineering, Energy, Energy storage technologies, Thermodynamics, Heat and Mass Transfer, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2014 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2009 - 2013
Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2001 - 2008

Advising Theses

AVCI M., Faz Değiştiren Madde-Esashı Isı Alıcılarla Elektronik Soğutma, Doctorate, M.Yusuf(Student), Continues

AVCI M., Düşey Silindirik Bir Halka Aralık İçerisinde Enerji Depolama: Kanatçık Etkisi, Postgraduate, O.Kaan(Student),

2017

AVCI M., Kaçık Eksenli Yatay Silindirik Bir Halka Aralıksız Parafinle Gizli Isı Depolama, Postgraduate,
M.Yusuf(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Influence of ventilation strategies on dispersion and removal of fine particles: An experimental and simulation study
Cetin Y., Avci M., AYDIN O.
SCIENCE AND TECHNOLOGY FOR THE BUILT ENVIRONMENT, vol.26, no.3, pp.349-365, 2020 (SCI-Expanded)
- II. Prediction of Two-Phase Heat Transfer Coefficient of Flow Boiling in Minichannels
MARKAL B., Candan A., AYDIN O., Avci M.
HEAT TRANSFER ENGINEERING, vol.41, no.1, pp.17-35, 2020 (SCI-Expanded)
- III. Melting and solidification of PCM in a tube-in-shell unit: Effect of fin edge lengths' ratio
YAĞCI O. K., Avci M., AYDIN O.
JOURNAL OF ENERGY STORAGE, vol.24, 2019 (SCI-Expanded)
- IV. Combined effects of inclination angle and fin number on thermal performance of a PCM-based heat sink
Yazici M. Y., Avci M., AYDIN O.
APPLIED THERMAL ENGINEERING, vol.159, 2019 (SCI-Expanded)
- V. Effect of hydraulic diameter on flow boiling in rectangular microchannels
Markal B., AYDIN O., Avci M.
HEAT AND MASS TRANSFER, vol.55, no.4, pp.1033-1044, 2019 (SCI-Expanded)
- VI. Prediction of Pressure Drop for Flow Boiling in Rectangular Multi-Microchannel Heat Sinks
Markal B., AYDIN O., Avci M.
HEAT TRANSFER ENGINEERING, vol.40, pp.26-38, 2019 (SCI-Expanded)
- VII. ENHANCING STORAGE PERFORMANCE IN A TUBE-IN SHELL STORAGE UNIT BY ATTACHING A CONDUCTING FIN TO THE BOTTOM OF THE TUBE
AYDIN O., AVCI M., YAZICI M. Y., AKGUN M.
JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.38, no.2, pp.1-13, 2018 (SCI-Expanded)
- VIII. Experimental investigation of flow boiling in single minichannels with low mass velocities
Markal B., Candan A., AYDIN O., Avci M.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.98, pp.22-30, 2018 (SCI-Expanded)
- IX. Analysis of extended micro-Graetz problem in a microtube
Avci M., AYDIN O.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.43, no.7, 2018 (SCI-Expanded)
- X. Natural convection in a parallel-plate vertical channel with discrete heating by two flush-mounted heaters: effect of the clearance between the heaters
Sarper B., SAĞLAM M., AYDIN O., Avci M.
HEAT AND MASS TRANSFER, vol.54, no.4, pp.1069-1083, 2018 (SCI-Expanded)
- XI. An experimental study on effect of inclination angle on the performance of a PCM-based flat-type heat sink
Avci M., Yazici M. Y.
APPLIED THERMAL ENGINEERING, vol.131, pp.806-814, 2018 (SCI-Expanded)
- XII. Saturated flow boiling characteristics in single rectangular minichannels: effect of aspect ratio
Candan A., MARKAL B., AYDIN O., Avci M.
EXPERIMENTAL HEAT TRANSFER, vol.31, no.6, pp.531-551, 2018 (SCI-Expanded)
- XIII. ENHANCING STORAGE PERFORMANCE IN A TUBE-IN SHELL STORAGE UNIT BY ATTACHING A CONDUCTING FIN TO THE BOTTOM OF THE TUBE
AYDIN O., Avci M., YAZICI M., Akgun M.

- ISI BILIMI VE TEKNIGI DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.38, no.2, pp.1-13, 2018
(SCI-Expanded)
- XIV. **EXPERIMENTAL STUDY OF SINGLE-PHASE FLUID FLOW AND HEAT TRANSFER CHARACTERISTICS IN RECTANGULAR MICROCHANNELS**
Markal B., AYDIN O., Avci M.
ISI BILIMI VE TEKNIGI DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.38, no.1, pp.65-72, 2018
(SCI-Expanded)
- XV. **Effects of viscous dissipation on mixed convection in a vertical parallel-plate microchannel with asymmetric uniform wall heat fluxes: The slip regime**
ALTUNKAYA A. N., Avci M., AYDIN O.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.111, pp.495-499, 2017 (SCI-Expanded)
- XVI. **Prediction of Heat Transfer Coefficient in Saturated Flow Boiling Heat Transfer in Parallel Rectangular Microchannel Heat Sinks: An Experimental Study**
Markal B., AYDIN O., Avci M.
HEAT TRANSFER ENGINEERING, vol.38, no.16, pp.1415-1428, 2017 (SCI-Expanded)
- XVII. **An experimental investigation of saturated flow boiling heat transfer and pressure drop in square microchannels**
Markal B., AYDIN O., Avci M.
INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID, vol.65, pp.1-11, 2016 (SCI-Expanded)
- XVIII. **Effect of aspect ratio on saturated flow boiling in microchannels**
MARKAL B., AYDIN O., Avci M.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.93, pp.130-143, 2016 (SCI-Expanded)
- XIX. **Laminar forced convective slip flow in a microduct with a sinusoidally varying heat flux in axial direction**
AYDIN O., Avci M.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.89, pp.606-612, 2015 (SCI-Expanded)
- XX. **Conjugate heat transfer in a duct with an axially varying heat flux**
Aydin O., Avci M., Bali T., Arici M. E.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.76, pp.385-392, 2014 (SCI-Expanded)
- XXI. **An experimental study on the decaying swirl flow in a tube**
AYDIN O., Avci M., MARKAL B., YAZICI M.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.55, pp.22-28, 2014 (SCI-Expanded)
- XXII. **Effect of eccentricity on melting behavior of paraffin in a horizontal tube-in-shell storage unit: An experimental study**
YAZICI M., Avci M., AYDIN O., AKGUN M.
SOLAR ENERGY, vol.101, pp.291-298, 2014 (SCI-Expanded)
- XXIII. **On the effect of eccentricity of a horizontal tube-in-shell storage unit on solidification of a PCM**
Yazici M. Y., Avci M., AYDIN O., AKGUN M.
APPLIED THERMAL ENGINEERING, vol.64, pp.1-9, 2014 (SCI-Expanded)
- XXIV. **Experimental study of thermal energy storage characteristics of a paraffin in a horizontal tube-in-shell storage unit**
Avci M., YAZICI M.
ENERGY CONVERSION AND MANAGEMENT, vol.73, pp.271-277, 2013 (SCI-Expanded)
- XXV. **Heat transfer in a turbulent slot jet flow impinging on concave surfaces**
Oztekin E., AYDIN O., Avci M.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.44, pp.77-82, 2013 (SCI-Expanded)
- XXVI. **The effects of nozzle aspect ratio and nozzle number on the performance of the Ranque-Hilsch vortex tube**
Avci M.
APPLIED THERMAL ENGINEERING, vol.50, no.1, pp.302-308, 2013 (SCI-Expanded)

- XXVII. **Hydrodynamics of a turbulent slot jet flow impinging on a concave surface**
 Oztekin E., AYDIN O., Avci M.
 INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.39, no.10, pp.1631-1638, 2012 (SCI-Expanded)
- XXVIII. **Conjugate heat transfer with viscous dissipation in a microtube**
 Avci M., Aydin O., Arici M. E.
 INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.55, pp.5302-5308, 2012 (SCI-Expanded)
- XXIX. **Exergy analysis of a counter-flow Ranque-Hilsch vortex tube having different helical vortex generators**
 MARKAL B., AYDIN O., Avci M.
 INTERNATIONAL JOURNAL OF EXERGY, vol.10, no.2, pp.228-238, 2012 (SCI-Expanded)
- XXX. **Analytical Investigation of Heat Transfer in Couette-Poiseuille Flow Through Porous Medium**
 AYDIN O., Avci M.
 JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER, vol.25, no.3, pp.468-472, 2011 (SCI-Expanded)
- XXXI. **A new vortex generator geometry for a counter-flow Ranque-Hilsch vortex tube**
 AYDIN O., MARKAL B., Avci M.
 APPLIED THERMAL ENGINEERING, vol.30, no.16, pp.2505-2511, 2010 (SCI-Expanded)
- XXXII. **An experimental study on the effect of the valve angle of counter-flow Ranque-Hilsch vortex tubes on thermal energy separation**
 MARKAL B., AYDIN O., Avci M.
 EXPERIMENTAL THERMAL AND FLUID SCIENCE, vol.34, no.7, pp.966-971, 2010 (SCI-Expanded)
- XXXIII. **On the constant wall temperature boundary condition in internal convection heat transfer studies including viscous dissipation**
 AYDIN O., Avci M.
 INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.37, no.5, pp.535-539, 2010 (SCI-Expanded)
- XXXIV. **A CASE OF LOWER MESODERMAL DEFECTS SEQUENCE**
 TOS T., AKTAS S., Ikbal M., AVCI M., SENEL S., CEYLANER S.
 GENETIC COUNSELING, vol.21, no.4, pp.381-384, 2010 (SCI-Expanded)
- XXXV. **Frictional Pressure Drop for Gas Flows in a Microchannel Between Two Parallel Plates**
 Avci M., AYDIN O.
 HEAT TRANSFER ENGINEERING, vol.31, no.5, pp.344-349, 2010 (SCI-Expanded)
- XXXVI. **ANALYSIS OF HEAT AND FLUID FLOW IN CONCENTRIC ANNULAR SQUARE DUCTS**
 KUCUK H., Avci M., AYDIN O., ASAN H.
 ISI BILIMI VE TEKNIGI DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.29, no.1, pp.7-13, 2009 (SCI-Expanded)
- XXXVII. **Reply to comments on our below referenced article by K. Hooman "Viscous-dissipation effects on the heat transfer in a Poiseuille flow"**
 Avci M., AYDIN O.
 APPLIED ENERGY, vol.86, no.1, pp.122-123, 2009 (SCI-Expanded)
- XXXVIII. **Mixed Convection in a Vertical Microannulus Between Two Concentric Microtubes**
 Avci M., AYDIN O.
 JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME, vol.131, no.1, 2009 (SCI-Expanded)
- XXXIX. **Laminar forced convection slip-flow in a micro-annulus between two concentric cylinders**
 Avci M., AYDIN O.
 INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.51, pp.3460-3467, 2008 (SCI-Expanded)
- XL. **FORCED CONVECTION FLOW OF VISCOUS DISSIPATIVE POWER-LAW FLUIDS IN A PLANE DUCT Part 1. Hydrodynamically and Thermally Fully Developed Flow**
 Avci M., AYDIN O.
 ISI BILIMI VE TEKNIGI DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.28, no.2, pp.9-16, 2008 (SCI-Expanded)

- XLI. **FORCED CONVECTION FLOW OF VISCOS DISSIPATIVE POWER-LAW FLUIDS IN A PLANE DUCT** Part
2. Thermally Developing Flow
 Avci M., AYDIN O.
 ISI BILIMI VE TEKNIGI DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.28, no.2, pp.17-24, 2008
 (SCI-Expanded)
- XLII. **Mixed convection in a vertical parallel plate microchannel with asymmetric wall heat fluxes**
 Avci M., Aydin O.
 JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME, vol.129, no.8, pp.1091-1095, 2007 (SCI-Expanded)
- XLIII. **Mixed convection in a vertical parallel plate microchannel**
 Avci M., Aydin O.
 JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME, vol.129, no.2, pp.162-166, 2007 (SCI-Expanded)
- XLIV. **Second-law analysis of heat and fluid flow in microscale geometries**
 Avci M., Aydin O.
 INTERNATIONAL JOURNAL OF EXERGY, vol.4, no.3, pp.286-301, 2007 (SCI-Expanded)
- XLV. **Analysis of laminar heat transfer in micro-Poiseuille flow**
 Aydin O., Avci M.
 INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.46, no.1, pp.30-37, 2007 (SCI-Expanded)
- XLVI. **Analysis of micro-graetz problem in a microtube**
 Aydin O., Avci M.
 NANOSCALE AND MICROSCALE THERMOPHYSICAL ENGINEERING, vol.10, no.4, pp.345-358, 2006 (SCI-Expanded)
- XLVII. **Laminar forced convection with viscous dissipation in a Couette-Poiseuille flow between parallel plates**
 Aydin O., Avci M.
 APPLIED ENERGY, vol.83, no.8, pp.856-867, 2006 (SCI-Expanded)
- XLVIII. **Thermally developing flow in microchannels**
 Aydin O., Avci M.
 JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER, vol.20, no.3, pp.628-632, 2006 (SCI-Expanded)
- XLIX. **Heat and fluid flow characteristics of gases in micropipes**
 Aydin O., Avci M.
 INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.49, pp.1723-1730, 2006 (SCI-Expanded)
- L. **Viscous-dissipation effects on the heat transfer in a Poiseuille flow**
 Aydin O., Avci M.
 APPLIED ENERGY, vol.83, no.5, pp.495-512, 2006 (SCI-Expanded)
- LI. **Laminar forced convection with viscous dissipation in a concentric annular duct**
 Avci M., Aydin O.
 COMPTES RENDUS MECANIQUE, vol.334, no.3, pp.164-169, 2006 (SCI-Expanded)

Books & Book Chapters

- I. **Convective Heat Transfer Correlations in Some Common Geometries**
 AYDIN O., AVCI M.
 in: Microfluidics Based Microsystems, Kakaç S., Kosoy B., Li D., Pramuanjaroenkij A., Editor, Springer, Dordrecht,
 pp.1-14, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Laminer Akış Ünitesi Boyutunun Cerrahi Alan Üzerindeki Patojen Partikül Dağılımına Etkisi**
 AĞIRMAN A., ÇETİN Y. E., AVCI M., AYDIN O.
 22. Isı Bilimi ve Tekniği Kongresi (22nd Congress on Thermal Science and Technology), 11 - 14 September 2019

- II. **Hava Değişim Katsayısının Kirletici Uzaklaştırma Performansına Etkisinin İncelenmesi**
ÇETİN Y. E., AVCI M., AYDIN O.
22. Isı Bilimi ve Tekniği Kongresi (22nd Congress on Thermal Science and Technology), 11 - 14 September 2019
- III. **UV Lamba Diziliminin Hava Dezenfeksiyonu Üzerindeki Etkisi:Kanal Uygulaması**
ATÇI F., ÇETİN Y. E., AVCI M., AYDIN O.
22. Isı Bilimi ve Tekniği Kongresi (22nd Congress on Thermal Science and Technology), 11 - 14 September 2019
- IV. **İzotermal ve Izotermal Olmayan Akış Şartlarında Kirletici Dağılım Benzerliğinin İncelenmesi**
ÇETİN Y. E., AVCI M., AYDIN O.
22. Isı Bilimi ve Tekniği Kongresi (22nd Congress on Thermal Science and Technology), 11 - 14 September 2019
- V. **Mikro boyutlu dikdörtgensel kanallarda kaynamalı akışın deneysel incelenmesi**
MARKAL B., AYDIN O., AVCI M.
VIII. Ulusal Hidrolik Pnömatik Kongresi, İzmir, Turkey, 22 - 25 November 2017, pp.491-498
- VI. **Flow Boiling Characteristics in a Single Rectangular Minichannel**
MARKAL B., CANDAN A., AYDIN O., AVCI M.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.2075-2081
- VII. **Kare Kesitli Mini Bir Kanal İçerisinde Kaynamalı Akışın Deneysel İncelenmesi**
CANDAN A., MARKAL B., AYDIN O., AVCI M.
21.Uluslararası Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.313-321
- VIII. **Silindirik Bir Boru İçerisindeki Tam Gelişmiş Akışta Manyetik Alanın Akış Ve Isı Transferi Üzerine Etkisi**
YAĞCI E., AYDIN O., AVCI M., BALİ T.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.445-453
- IX. **Kare kesitli mini bir kanal içerisinde kaynamalı akışın deneysel incelenmesi**
CANDAN A., AVCI M., MARKAL B., AYDIN O.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.313-321
- X. **Düşey Eksenli Silindirik Bir Aralık İçerisinde Faz Değiştiren Madde İle Gizli Isı Depolama**
YAĞCI O. K., AVCI M., AYDIN O.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.1363-1377
- XI. **Faz Değiştiren Madde (FDM) İlaveli Isı Alıcı İle Elektronik Cihazların Termal Yönetimi: Kanatçık Etkisi**
YAZICI M. Y., AVCI M., AYDIN O.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.669-678
- XII. **İki Düşey Levha Arasındaki Couette-Poiseuille Akışı: Karma Taşınımının İncelenmesi**
ALTUNKAYA A. N., AVCI M., AYDIN O.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, pp.304-312
- XIII. **Faz Değiştiren Madde (FDM)-ilaveli Isı Alıcılarıla Elektronik Ekipmanların Soğutulması: Konum Etkisi**
YAZICI M. Y., AVCI M., AYDIN O.
13. ULUSAL TESİSAT MÜHENDİSLİĞİ KONGRESİ, İzmir, Turkey, 19 - 22 April 2017, pp.1471-1479
- XIV. **Düşey Yüzeyinde Ayrık Isı Kaynakları Bulunan Kanalda Yüzey İşiniminin Isı Transferine Etkisi**
SARPER B., BİRİNCİ S., SAĞLAM M., AYDIN O., AVCI M.
13. Ulusal Tesisat Mühendisliği Kongresi, İzmir, Turkey, 19 - 22 April 2017, vol.1, pp.1027-1035
- XV. **Kare Kesitli Mikrokanallarda Doymuş Kaynamalı Akış Karakteristiklerinin Deneysel İncelenmesi**
MARKAL B., AYDIN O., AVCI M.
13. Ulusal Tesisat Mühendisliği Kongresi, İzmir, Turkey, 19 - 22 April 2017, vol.2, pp.1433-1442
- XVI. **Faz Değiştiren Madde (FDM)-İlaveli Isı Alıcılarıla Elektronik Ekipmanların Soğutulması: Konum Etkisi**
Yazıcı M. Y., AVCI M., AYDIN O.
13. Ulusal Tesisat Mühendisliği Kongresi, İzmir, Turkey, 19 - 22 April 2017, vol.2, pp.1471-1479
- XVII. **DÜŞEY YÜZEYİNDE AYRIK ISI KAYNAKLARI BULUNAN KANALDA YÜZEY İŞINIMININ ISI TRANSFERİNE ETKİSİ**
SARPER B., BİRİNCİ S., SAĞLAM M., AYDIN O., AVCI M.

13. ULUSAL TESİSAT MÜHENDİSLİĞİ KONGRESİ, İzmir, Turkey, 19 - 22 April 2017, vol.1, pp.1027-1036
- XVIII. **Minikanallarda Doymuş Kaynamalı Akış Karakteristiklerinin Deneysel İncelenmesi**
CANDAN A., MARKAL B., AYDIN O., AVCI M.
13. Ulusal Tesisat Mühendisliği Kongresi, İzmir, Turkey, 19 - 22 April 2017, vol.2, pp.1483-1494
- XIX. **Thermal management of electronic devices with pcm-based heat Sink: effect of inclination angle**
YAZICI M. Y., AVCI M., AYDIN O.
The second of the National Defense Industry Symposium (IDEFIS 2017), Kırıkkale, Turkey, 6 - 08 April 2017, pp.984-994
- XX. **Natural Convection Heat Transfer from Discretely Heated Vertical Channel: Effect of the Surface Radiation**
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- XXI. **Thermal Management Of Electronic Devices With PCM-Based Heat Sink: Effect Of Inclination Angle**
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- XXIII. **Innovative designs to passively enhance thermal energy storage using PCM**
AYDIN O., AVCI M., YAZICI M. Y., Akgün M.
The 8th Mediterranean Congress of Heating, Ventilating and Air-Conditioning (CLIMAMED 2015), Juan-Les-Pins, France, 10 - 11 September 2015
- XXIV. **Halka aralık içerisinde faz değiştiren madde (FDM) ile enerji depolama:kanatçık etkisi**
YAZICI M. Y., AVCI M., AKGUN M., AYDIN O.
Isı Bilimi ve Tekniği, Balıkesir, Turkey, 2 - 05 September 2015, pp.117
- XXV. **Yarı silindirik içbükey yüzeye çarpan yuvarlak jet akışının hidrodinamik incelenmesi**
ÖZTEKİN KULOĞLU E., AYDIN O., AVCI M.
20. Ulusal Isı Bilimi ve Tekniği Kongresi 2015 (ULIBTK'15), Balıkesir, Turkey, 2 - 05 September 2015, pp.1327-1333
- XXVI. **Paralel mikro kanallı ısı alıcıda kaynamalı akış karakteristiklerinin deneysel olarak incelenmesi**
Markal B., AYDIN O., AVCI M.
20. Ulusal Isı Bilimi ve Tekniği Kongresi 2015 (ULIBTK'15), Balıkesir, Turkey, 2 - 05 September 2015, pp.85-95
- XXVII. **Halka aralık içerisinde faz değiştiren madde (FDM) ile enerji depolama: Kanatçık etkisi**
YAZICI M. Y., AVCI M., AYDIN O., Akgün M.
20. Ulusal Isı Bilimi ve Tekniği Kongresi 2015 (ULIBTK'15), Balıkesir, Turkey, 2 - 05 September 2015, pp.8583-859
- XXVIII. **Ortam Sıcaklığının ve Yalıtımın Ranque-Hilsch Vorteks Tüpü Performansı Üzerindeki Etkisinin Deneysel Olarak İncelenmesi**
Markal B., AYDIN O., AVCI M.
19. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'13), Samsun, Turkey, 9 - 12 September 2013, pp.909-914
- XXIX. **Bir Yüzeyin Çarpan Jet İle Soğutulmasında Akış ve Isı Geçişi**
ÖZTEKİN E., AYDIN O., AVCI M.
19. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'13), Samsun, Turkey, 9 - 12 September 2013, pp.594-599
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Scholarships

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Awards

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