

## Doç. Dr. TOYGUN DAĞDEVİR

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAA-3960-2021

ScopusID: 56748030200

Yoksis Araştırmacı ID: 37030



### Eğitim Bilgileri

Doktora, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, Türkiye 2015 - 2020

Yüksek Lisans, Erciyes Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 2012 - 2015

Lisans, Erciyes Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Türkiye 2008 - 2012

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, NANOAKIŞKAN KULLANARAK VE İÇ ELEMAN YERLEŞTİRİLMİŞ DÜZ YATAY BORUDA ISI TRANSFERİNİN TAGUCHI YÖNTEMİ YARDIMIYLA ARAŞTIRILMASI, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, 2020

Yüksek Lisans, Darrieus Dikey Eksenli Rüzgar Türbinin Sayısal ve Deneysel Araştırılması, Tasarlanması ve Üretilmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 2015

### Araştırma Alanları

Makina Mühendisliği, Enerji, Rüzgar Enerjisi, Termodinamik, Isı ve Madde Transferi, Hesaplamalı akışkanlar dinamiği, Mühendislik ve Teknoloji

### Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, 2015 - Devam Ediyor

Araştırma Görevlisi, Bayburt Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2013 - 2014

## Akademik İdari Deneyim

Bölüm Başkan Yardımcısı, Erciyes Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, 2023 - Devam Ediyor

Erciyes Üniversitesi, 2023 - Devam Ediyor

Erciyes Üniversitesi, 2018 - Devam Ediyor

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Numerical investigation of battery thermal management by using helical fin and composite phase change material**  
DAĞDEVİR T., Ding Y.  
JOURNAL OF ENERGY STORAGE, cilt.75, 2024 (SCI-Expanded)
- II. **Multi-objective optimization of geometrical parameters of dimples on a dimpled heat exchanger tube by Taguchi based Grey relation analysis and response surface method**  
Dağdevir T.  
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, cilt.173, 2022 (SCI-Expanded)
- III. **The experimental thermal and hydraulic performance analyses for the location of perforations and dimples on the twisted tapes in twisted tape inserted tube**  
Dağdevir T., Uyanık M., Özceyhan V.  
International Journal Of Thermal Sciences, cilt.167, ss.1-11, 2021 (SCI-Expanded)
- IV. **Optimization of process parameters in terms of stabilization and thermal conductivity on water based TiO<sub>2</sub> nanofluid preparation by using Taguchi method and Grey relation analysis**  
Dağdevir T., Özceyhan V.  
International Communications In Heat And Mass Transfer, cilt.120, sa.1, ss.1, 2021 (SCI-Expanded)
- V. **An experimental study on heat transfer enhancement and flow characteristics of a tube with plain, perforated and dimpled twisted tape inserts**  
Dağdevir T., Özceyhan V.  
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, cilt.159, 2021 (SCI-Expanded)
- VI. **Second law analysis of a mixture of ethylene glycol/water flow in modified heat exchanger tube by passive heat transfer enhancement technique**  
KEKLİKCİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.140, sa.3, ss.1307-1320, 2020 (SCI-Expanded)
- VII. **Heat transfer and pressure drop investigation of graphene nanoplatelet-water and titanium dioxide-water nanofluids in a horizontal tube**  
KEKLİKCİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
Applied Thermal Engineering, cilt.162, 2019 (SCI-Expanded)
- VIII. **Heat transfer performance and flow characteristic in enhanced tube with the trapezoidal dimples**  
DAĞDEVİR T., KEKLİKCİOĞLU O., ÖZCEYHAN V.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, cilt.108, 2019 (SCI-Expanded)
- IX. **THE EFFECT OF CHAMFER LENGTH ON THERMAL AND HYDRAULIC PERFORMANCE IN Al<sub>2</sub>O<sub>3</sub>-WATER NANOFLUID FLOW THROUGH A DUCT OF SQUARE CROSS SECTION**  
DAĞDEVİR T., KEKLİKCİOĞLU O., ÖZCEYHAN V.  
HEAT TRANSFER RESEARCH, cilt.50, sa.12, ss.1183-1204, 2019 (SCI-Expanded)
- X. **NUMERICAL INVESTIGATION OF THE EFFECT OF BLADE AIRFOILS ON A VERTICAL AXIS WIND TURBINE**  
AKANSU S. O., DAĞDEVİR T., Kahraman N.  
ISI BİLİMİ VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, cilt.37, sa.1, ss.115-125, 2017 (SCI-Expanded)
- XI. **Experimental and numerical aerodynamic investigation of a prototype vehicle**  
AKANSU S. O., AKANSU Y. E., DAĞDEVİR T., DALDABAN F., YAVAS F.  
WIND AND STRUCTURES, cilt.20, sa.6, ss.811-827, 2015 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Numerical and Optimization Study on a Heat Exchanger Tube Inserted with Ring by Taguchi Approach**  
DAĞDEVİR T.  
Energy, Environment and Storage, cilt.3, 2023 (Hakemli Dergi)
- II. **Analysis on enhanced turbulent heat transfer and flow characteristic in a twisted and dimpled oval tube**  
DAĞDEVİR T.  
European Mechanical Science, cilt.7, sa.2, ss.41-48, 2023 (Hakemli Dergi)
- III. **Thermo-hydraulic performance investigation of a heat exchanger tube inserted with twisted tapes modified with various twist ratio and alternate axis**  
Uyanık M., Dağdevir T., Özceyhan V.  
European Mechanical Science, cilt.6, sa.3, ss.189-195, 2022 (Hakemli Dergi)
- IV. **SECOND LAW ANALYSIS ON AN ELLIPTICAL TWISTED TUBE FOR A HEAT EXCHANGER**  
Dağdevir T.  
Journal of Thermal Engineering, cilt.8, sa.3, ss.349-362, 2022 (ESCI)
- V. **Bir Isı Değiştiricisinde Su Bazlı Hibrit Nanoakışkan Kullanımının Termal ve Hidrolik Performans Üzerine Etkisinin Araştırılması**  
Dağdevir T., Özceyhan V.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.37, sa.1, ss.61-73, 2021 (Hakemli Dergi)
- VI. **Numerical Investigation of the Effect of Twisted Tape in a Tube Using Water-TiO<sub>2</sub> Nanofluid on Heat Transfer Enhancement**  
Dağdevir T., Keklikcioğlu O., Özceyhan V.  
European Journal of Engineering and Natural Sciences, cilt.3, sa.2, ss.65-73, 2019 (Hakemli Dergi)
- VII. **Numerical Investigation on Heat Enhancement Method with Using Circular Dimpled Tube**  
Dağdevir T., Keklikcioğlu O., Özceyhan V., Güneş S.  
Mehmet Akif Ersoy Üniversitesi Uygulamalı Bilimler Dergisi (MAKUUBD), cilt.3, sa.1, ss.19-31, 2019 (Hakemli Dergi)
- VIII. **Thermal Performance of a Tube Equipped with V-nozzle Turbulator Inserts**  
GÜNEŞ S., KEKLİKCİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
Mehmet Akif Ersoy Üniversitesi Uygulamalı Bilimler Dergisi, cilt.2, sa.1, ss.42-54, 2018 (Hakemli Dergi)
- IX. **NUMERICAL ANALYSIS OF HEAT TRANSFER ENHANCEMENT IN CONICAL-NOZZLE TURBULATORS INSERTED TUBE**  
GÜNEŞ S., DAĞDEVİR T., KEKLİKCİOĞLU O., ÖZCEYHAN V.  
e-Journal of New World Sciences Academy, cilt.13, sa.1, ss.7-17, 2018 (Hakemli Dergi)
- X. **Numerical Investigation of Heat Transfer Enhancement in a Tube with Hexagonal Cross Sectioned Coiled Wire**  
GÜNEŞ S., ÖZCEYHAN V., DAĞDEVİR T., KEKLİKCİOĞLU O.  
International Journal of Mechanical and Production Engineering, cilt.5, ss.96-100, 2017 (Hakemli Dergi)
- XI. **THERMAL PERFORMANCE ANALYSES OF WATER BASED CuO TiO<sub>2</sub>HYBRID NANOFLUID FLOW IN A HORIZONTAL TUBE**  
DAĞDEVİR T., ÖZCEYHAN V.  
FUELS, FIRE AND COMBUSTIONIN ENGINEERINGJOURNAL, cilt.4, sa.1, ss.49-54, 2016 (Hakemli Dergi)
- XII. **Numerical Investigation on Heat Transfer Enhancement of Graphene Oxide Water Nanofluids in a Corrugated Channel**  
KEKLİKCİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
International Journal of Natural and Engineering Sciences, cilt.10, sa.2, ss.10-17, 2016 (Hakemli Dergi)
- XIII. **A CFD BASED THERMO-HYDRAULIC PERFORMANCE ANALYSIS IN A TUBE FITTED WITH STEPPED CONICAL NOZZLE TURBULATORS**  
KEKLİKCİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.

JOURNAL OF THERMAL ENGINEERING, cilt.2, sa.5, ss.913-920, 2016 (ESCI)

**XIV. Numerical Investigation to Enhance Heat Transfer in a Circular Tube with Nozzles Formed Sinusoidal Geometry**

DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.

International Journal of Scientific and Technological Research, cilt.2, sa.1, ss.1-15, 2016 (Scopus)

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Numerical investigation of battery thermal management by using different phase change materials under extreme working conditions**  
Dağdevir T.  
Global Summit on Advanced Materials & Sustainable Energy (G-AMSE22), Van, Türkiye, 3 - 04 Ekim 2022, cilt.1, sa.1, ss.226-227
- II. **A parametric study on optimization of ring inserted heat exchanger tube**  
Dağdevir T.  
3rd International Conference on Applied Engineering and Natural Sciences, Konya, Türkiye, 25 Temmuz 2022, cilt.1, sa.1, ss.252
- III. **NUMERICAL ANALYSIS ON HEAT TRANSFER AND FLOW CHARACTERISTIC THROUGH ELLIPTICAL TWISTED TUBE**  
Dağdevir T.  
6th International Conference on Advances in Mechanical Engineering, İstanbul, Türkiye, 20 - 22 Ekim 2021, cilt.1, ss.940-949
- IV. **INVESTIGATION ON REDUCING FUEL CONSUMPTION OF A TRUCK BY ADDING AERODYNAMIC STRUCTURES**  
Vurğun N., Dağdevir T.  
International Conference on Engineering Technologies, Konya, Türkiye, 18 Kasım 2021, cilt.1, ss.372-378
- V. **Thermohydraulic Performance Investigation of a Heat Exchanger Tube Inserted with Twisted Tapes Modified with Various Twist Ratio and Alternate Axis**  
Uyanık M., Dağdevir T., Özceyhan V.  
6th International Mediterranean Science and Engineering Congress, Antalya, Türkiye, 25 Ekim 2021, cilt.1, ss.44
- VI. **Heat Transfer and Pressure Drop Augmentation of a Helically Coiled Tube with Using Graphene Nanoplatelet-Water Nanofluid**  
Keklikcioğlu O., Dağdevir T., Özceyhan V.  
5th International Conference on Engineering and Natural Sciences , Praha, Çek Cumhuriyeti, 12 - 15 Haziran 2019, cilt.1, sa.1, ss.251-257
- VII. **A Review Investigation on Experimental Heat Transfer Enhancement Method by Using Twisted Tape**  
Dağdevir T., Keklikcioğlu O., Özceyhan V.  
5th International Conference on Engineering and Natural Sciences, Praha, Çek Cumhuriyeti, 12 - 16 Haziran 2019, cilt.1, sa.1, ss.151-159
- VIII. **A Review of Combined Heat Transfer Enhancement Methods Using Nanofluids and Inner Ribs**  
Keklikcioğlu O., Dağdevir T., Özceyhan V.  
5th INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Praha, Çek Cumhuriyeti, 12 - 15 Haziran 2019, cilt.1, sa.1, ss.179-186
- IX. **Numerical Investigation on Heat Transfer Enhancement and Flow Characteristics in a Tube Equipped by Twisted tape with Alternate Axis**  
Dağdevir T., Keklikcioğlu O., Özceyhan V., Yoloğlu F.  
5th International Conference on Engineering and Natural Sciences , Praha, Çek Cumhuriyeti, 12 - 16 Haziran 2019, cilt.1, sa.1, ss.669-677
- X. **Numerical Investigation of the Effect of Extended Surfaces with Different Geometries and Materials on Natural Convection Heat Transfer Performance**

ÖZCEYHAN V., DAĞDEVİR T., KEKLİKÇİOĞLU O., İdikurt A.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Türkiye, 19 - 21 Ekim 2018, cilt.1, sa.1, ss.225-228

- XI. **Numerical Investigation of Heat Transfer Augmentation of a Tube with Airfoil Cross Sectional Coiled Wire Inserts**  
ÖZCEYHAN V., Hachim H., KEKLİKÇİOĞLU O., DAĞDEVİR T.  
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Türkiye, 19 - 21 Ekim 2018, cilt.1, sa.1, ss.229-232
- XII. **NUMERICAL INVESTIGATION OF PLACING DIMPLED WITH VARIOUS PITCH LENGTHS EFFECT ON HEAT TRANSFER**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V., GÜNEŞ S.  
II. International Scientific and Vocational Studies Congress, 5 - 08 Temmuz 2018
- XIII. **NUMERICAL INVESTIGATION OF PRESURE DROP AND HEAT TRANSFER IN A TUBE WITH AIRFOIL SHAPE DIMPLE**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., GÜNEŞ S., ÖZCEYHAN V.  
II. International Scientific and Vocational Studies Congress, 5 - 08 Temmuz 2018
- XIV. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF HEAT TRANSFER ENHANCEMENT IN A TUBE WITH GO-WATER NANOFLUID FOR VARIOUS WEIGHT FRACTIONS**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V., GÜNEŞ S.  
II. International Scientific and Vocational Studies Congress, 5 - 08 Temmuz 2018
- XV. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THE EFFECT OF USING WATER-TiO<sub>2</sub> NANOFLUID INTO THE HORIZONTAL TUBE UNDER CONSTANT HEAT FLUX ON HEAT TRANSFER AND PRESSURE DROP**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V., GÜNEŞ S.  
II. International Scientific and Vocational Studies Congress, 5 - 08 Temmuz 2018
- XVI. **KONİK LÜLE TÜRBÜLATÖR YERLEŞTİRİLMİŞ BİR BORUDA ISIL GERİLMELERİN SAYISAL ANALİZİ**  
Güneş S., Özceyhan V., Keklikcioğlu O., Dağdevir T.  
II. International Scientific and Vocational Studies Congress, Nevşehir, Türkiye, 5 - 08 Temmuz 2018
- XVII. **Ardışık Silindirler Etrafındaki Akışın Sayısal İncelenmesi**  
Güneş S., Özceyhan V., Dağdevir T., Keklikcioğlu O.  
II. International Scientific and Vocational Studies Congress, Nevşehir, Türkiye, 5 - 08 Temmuz 2018, cilt.1, sa.1, ss.1278-1283
- XVIII. **NUMERICAL INVESTIGATION OF HEAT TRANSFER ENHANCEMENT IN A TUBE WITH HEXAGONAL CROSSECTIONED COILED WIRE**  
GÜNEŞ S., ÖZCEYHAN V., DAĞDEVİR T., KEKLİKÇİOĞLU O.  
International Academy of Science, Technology, Engineering and Management, 23 - 24 Ağustos 2017
- XIX. **Numerical investigation of heat transfer augmentation on adding CuO nanoparticle to water in a helical inserted tube**  
ÖZCEYHAN V., Hachim H., DAĞDEVİR T., KEKLİKÇİOĞLU O.  
I. International Scientific and Vocational Studies Congress, Nevşehir, Türkiye, 5 - 08 Ekim 2017
- XX. **Numerical investigation of heat transfer augmentation of Al<sub>2</sub>O<sub>3</sub>-water nanofluids with pentagonal ring in turbulent flow conditions**  
ÖZCEYHAN V., Al-Janabi M., KEKLİKÇİOĞLU O., DAĞDEVİR T.  
I. International Scientific and Vocational Studies Congress, Nevşehir, Türkiye, 5 - 08 Ekim 2017
- XXI. **Numerical study of the effect of drilled nozzle inserted in a tube through water based TiO<sub>2</sub>-nanofluid on heat transfer performance**  
Alameri N., ÖZCEYHAN V., DAĞDEVİR T., KEKLİKÇİOĞLU O.  
ICCESEN-2018, Antalya, Türkiye, 4 - 08 Ekim 2017
- XXII. **Thermal Performance of a Tube Equipped with V-nozzle Turbulator Inserts**  
GÜNEŞ S., KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
I. International Scientific and Vocational Studies Congress, Nevşehir, Türkiye, 5 - 08 Ekim 2017

- XXIII. **Numerical Analysis of Heat Transfer Enhancement in Conical-nozzle Turbulators Inserted Tube**  
GÜNEŞ S., DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.  
I.International Scientific and Vocational Studies Congress, Nevşehir, Türkiye, 5 - 08 Ekim 2017, ss.1-10
- XXIV. **A numerical study of the effect of nozzle insert in a horizontal tube by using water based TiO<sub>2</sub>-nanofluid on heat transfer performance**  
Alameri N., ÖZCEYHAN V., DAĞDEVİR T., KEKLİKÇİOĞLU O.  
21. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'17), Çorum, Türkiye, 13 - 16 Eylül 2017, ss.1-10
- XXV. **Entropy Analyses Of The Twisted Tape In A Tube Using Tio<sub>2</sub> Nanofluid**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.  
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Budapest, Macaristan, 3 - 07 Mayıs 2017
- XXVI. **Entropy Generation Analysis for a Tube with Equilateral Triangle Cross Sectioned Coiled-Wire Inserts Installed with a Separation from The Tube Wall**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
ICENS 2017, Budapeşte, Macaristan, 3 - 07 Mayıs 2017, cilt.1, sa.1, ss.1-10
- XXVII. **NUMERICAL INVESTIGATION OF THE EFFECT OF TWISTED TAPE IN A TUBE USING WATER-TIO<sub>2</sub> NANOFLUID ON HEAT TRANSFER ENHANCEMENT**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.  
ICENS International Conference on Engineering and Natural Science, Budapeste, Macaristan, 3 - 07 Mayıs 2017, cilt.1, sa.1, ss.1-8
- XXVIII. **Exergy Loss Analysis of a Tube with Coiled Wire Inserts**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
ICENS 2017, Budapeşte, Macaristan, 3 - 07 Mayıs 2017, cilt.1, sa.1, ss.1-10
- XXIX. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THE EFFECT OF AIRFOIL CHARACTERISTIC ON A VERTICAL AXIS DARRIEUS WIND TURBINE PERFORMANCE**  
DAĞDEVİR T., ÖZCEYHAN V., AKANSU S. O., Akansu Y. E.  
9th International Conference on Sustainable Energy & Environmental Protection, Kayseri, Türkiye, 22 - 25 Eylül 2016, cilt.1, sa.1, ss.346-350
- XXX. **THERMAL PERFORMANCE ANALYSES OF WATER BASED CuO-TiO<sub>2</sub> HYBRID NANOFLUID FLOW IN A HORIZONTAL TUBE**  
DAĞDEVİR T., ÖZCEYHAN V.  
9th International Conference on Sustainable Energy & Environmental Protection, Kayseri, Türkiye, 22 - 25 Eylül 2016, cilt.1, sa.1, ss.340-345
- XXXI. **Thermo-hydraulic performance analyses of water based TiO<sub>2</sub>-SiO<sub>2</sub> hybrid nanofluid flow in a horizontal tube**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.  
International Congress on Natural and Engineering Sciences, Üsküp, Makedonya, 2 - 05 Eylül 2016, cilt.1, sa.1, ss.43
- XXXII. **Numerical Investigation on Heat Transfer Enhancement of Graphene Oxide-Water Nanofluids in A Corrugated Channel**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
International Congress on Natural and Engineering Sciences, Üsküp, Makedonya, 2 - 05 Eylül 2016, cilt.1, sa.1, ss.35
- XXXIII. **Thermal Performance of Water Based Hybrid CuO-SiO<sub>2</sub> Nanofluid: A CFD Study**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.  
8TH EGE ENERGY SYMPOSIUM AND EXHIBITION, Afyon, Türkiye, 11 - 13 Mayıs 2016, cilt.1, sa.1, ss.12-19
- XXXIV. **CFD investigation of thermohydraulic performance of graphene-water nanofluids in turbulent flow conditions**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V., ÇAKMAK N.  
8th International Ege Energy Symposium, Afyon, Türkiye, 11 - 13 Mayıs 2016, cilt.1, sa.1, ss.1061-1068
- XXXV. **NUMERICAL INVESTIGATION TO ENHANCE HEAT TRANSFER IN A CIRCULAR TUBE EMBEDDED WITH FREE SPACE ENTRY AND CONICAL-NOZZLE FORMED SINUSOIDAL GEOMETRY**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.

INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Türkiye, 13 - 15 Mayıs 2015, cilt.1, sa.1, ss.723-732

XXXVI. **A CFD BASED THERMO-HYRAULIC PERFORMANCE IN A TUBE FITTED WITH STEPPED CONICAL NOZZLE TURBULATORS**

KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.

International Conference on Advances in Mechanical Engineering, İstanbul, Türkiye, 13 - 15 Mayıs 2015, cilt.1, sa.1, ss.716-722

## **Desteklenen Projeler**

Dağdevir T., Özceyhan V., TÜBİTAK Projesi, İçerisinden Grafen Nano Partikül Katkılı Su Geçen Boru İçerisinde Modifiye EdilmişBükülmüş Levhalar ile Isı Transferi İyilestirmesinin Deneysel Olarak Araştırılması, 2020 - 2021

ÖZCEYHAN V., DAĞDEVİR T., Yükseköğretim Kurumları Destekli Proje, NANOAKIŞKAN KULLANARAK VE İÇ ELEMAN YERLEŞTİRİLMİŞ DÜZ YATAY BORUDA ISI TRANSFERİNİN TAGUCHI YÖNTEMİ YARDIMIYLA ARAŞTIRILMASI, 2018 - 2020

ÖZCEYHAN V., KEKLİKÇİOĞLU O., DAĞDEVİR T., Yükseköğretim Kurumları Destekli Proje, Grafen Oksit ve Titanyum Oksit Nanopartiküllerinin Su Baz Akışkanına Karıştırılması Yoluyla Boru İçi Akışta Isı Transferi İyileştirilmesinin Deneysel ve Numerik Olarak Araştırılması, 2016 - 2017

DAĞDELEN U., KEKLİKÇİOĞLU O., DAĞDEVİR T., TÜBİTAK Projesi, ISIPAYÖLÇER CİHAZI PROTOTİP ÜRETİMİ VE PAY DAĞILIMI YAZILIMI, 2016 - 2017

Akansı S. O., Kahraman N., Sanayi Tezleri Projesi, 01354 STZ 2012 1 Helisel Darrieus Dikey Eksenli Rüzgâr Türbini Tasarımı ve Üretimi, 2012 - 2014

## **Bilimsel Hakemlikler**

ENERGY, SCI Kapsamındaki Dergi, Kasım 2020

HEAT TRANSFER RESEARCH, SCI-E Kapsamındaki Dergi, Kasım 2020

APPLIED THERMAL ENGINEERING, Hakemli Bilimsel Dergi, Ağustos 2020

ENERGY, SCI Kapsamındaki Dergi, Nisan 2020

HEAT TRANSFER RESEARCH, SCI-E Kapsamındaki Dergi, Şubat 2020

ENERGY, SCI Kapsamındaki Dergi, Mayıs 2019

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, SCI Kapsamındaki Dergi, Ağustos 2018

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## **Metrikler**

Yayın: 63

Atf (WoS): 195

Atf (Scopus): 244

H-İndeks (WoS): 7

H-İndeks (Scopus): 8

## **Kongre ve Sempozyum Katılımı Faaliyetleri**

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Katılımcı, Ankara, Türkiye, 2018

II. International Scientific and Vocational Studies Congress, Katılımcı, Nevşehir, Türkiye, 2018

I. International Scientific and Vocational Studies Congress, Katılımcı, Nevşehir, Türkiye, 2017

21. Ulusal Isı Bilimi ve Tekniği Kongresi (ULIBTK'17), Katılımcı, Çorum, Türkiye, 2017

International Conference on Engineering and Natural Science (ICENS) 2017, Katılımcı, Budapest, Macaristan, 2017  
International Congress on Natural and Engineering Sciences, Katılımcı, Skopje, Makedonya, 2016  
9th International Conference on Sustainable Energy & Environmental Protection, Katılımcı, Kayseri, Türkiye, 2016  
8th International Ege Energy Syposium, Katılımcı, Afyon, Türkiye, 2016  
International Conferance on Advanced Mechanical Engineering, Katılımcı, İstanbul, Türkiye, 2015  
6th International Sustainable Energy and Environmental Protection, Katılımcı, Maribor, Slovenya, 2013