

## Assoc. Prof. TOYGUN DAĞDEVİR

### Personal Information

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### International Researcher IDs

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

ScopusID: 56748030200

Yoksis Researcher ID: 37030



### Education Information

Post Doctorate, University of Birmingham, School of Metallurgy and Materials, Birmingham Centre for Energy Storage, England 2023 - Continues

Doctorate, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 2015 - 2020

Postgraduate, Erciyes University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2012 - 2015

Undergraduate, Erciyes University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2008 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, INVESTIGATION OF HEAT TRANSFER ON A HORIZONTAL TUBE USING NANOFUID AND INSERT BY TAGUCHI METHOD, Erciyes University, Fen Bilimleri Enstitüsü, 2020

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

### Research Areas

Mechanical Engineering, Energy, Wind power, Thermodynamics, Heat and Mass Transfer, Computational fluid dynamics, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 2015 - Continues

## Academic and Administrative Experience

Deputy Coordinator of Research Projects, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 2024 - Continues

Deputy Head of Department, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 2023 - 2023

Department Academic Incentive Evaluation Commission Member, Erciyes University, Mühendislik Fakültesi, Makina Mühendisliği, 2022 - 2023

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

- I. **Numerical investigation of battery thermal management by using helical fin and composite phase change material**  
DAĞDEVİR T., Ding Y.  
JOURNAL OF ENERGY STORAGE, vol.75, 2024 (SCI-Expanded)
- II. **A comprehensive second law analysis for a heat exchanger tube equipped with the rod inserted straight and twisted tape and using water/CuO nanofluid**  
Dağdevir T., Özceyhan V.  
INTERNATIONAL JOURNAL OF THERMAL SCIENCES, vol.181, no.1, pp.1-2, 2022 (SCI-Expanded)
- III. **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, vol.173, 2022 (SCI-Expanded)
- IV. **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, vol.167, pp.1-11, 2021 (SCI-Expanded)
- V. **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, vol.120, no.1, pp.1, 2021 (SCI-Expanded)
- VI. **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, vol.159, 2021 (SCI-Expanded)
- VII. **Second law analysis of a mixture of ethylene glycol/water flow in modified heat exchanger tube by passive heat transfer enhancement technique**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.140, no.3, pp.1307-1320, 2020 (SCI-Expanded)
- VIII. **Heat transfer and pressure drop investigation of graphene nanoplatelet-water and titanium dioxide-water nanofluids in a horizontal tube**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
Applied Thermal Engineering, vol.162, 2019 (SCI-Expanded)
- IX. **Heat transfer performance and flow characteristic in enhanced tube with the trapezoidal dimples**  
DAĞDEVİR T., KEKLİKÇİOĞLU O., ÖZCEYHAN V.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.108, 2019 (SCI-Expanded)
- X. **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, vol.50, no.12, pp.1183-1204, 2019 (SCI-Expanded)

**XI. NUMERICAL INVESTIGATION OF THE EFFECT OF BLADE AIRFOILS ON A VERTICAL AXIS WIND TURBINE**

AKANSU S. O., DAĞDEVİR T., Kahraman N.

ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.37, no.1, pp.115-125, 2017 (SCI-Expanded)

**XII. Experimental and numerical aerodynamic investigation of a prototype vehicle**

AKANSU S. O., AKANSU Y. E., DAĞDEVİR T., DALDABAN F., YAVAS F.

WIND AND STRUCTURES, vol.20, no.6, pp.811-827, 2015 (SCI-Expanded)

## Articles Published in Other Journals

**I. Numerical and Optimization Study on a Heat Exchanger Tube Inserted with Ring by Taguchi Approach**

DAĞDEVİR T.

Energy, Environment and Storage, vol.3, 2023 (Peer-Reviewed Journal)

**II. Analysis on enhanced turbulent heat transfer and flow characteristic in a twisted and dimpled oval tube**

DAĞDEVİR T.

European Mechanical Science, vol.7, no.2, pp.41-48, 2023 (Peer-Reviewed Journal)

**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, vol.6, no.3, pp.189-195, 2022 (Peer-Reviewed Journal)

**IV. SECOND LAW ANALYSIS ON AN ELLIPTICAL TWISTED TUBE FOR A HEAT EXCHANGER**

Dağdevir T.

Journal of Thermal Engineering, vol.8, no.3, pp.349-362, 2022 (ESCI)

**V. Investigation of the Effect of Using Water Based Hybrid Nanofluid on Thermal and Hydraulic Performance in a Heat Exchanger**

Dağdevir T., Özceyhan V.

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.37, no.1, pp.61-73, 2021 (Peer-Reviewed Journal)

**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, vol.3, no.2, pp.65-73, 2019 (Peer-Reviewed Journal)

**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), vol.3, no.1, pp.19-31, 2019 (Peer-Reviewed Journal)

**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, vol.2, no.1, pp.42-54, 2018 (Peer-Reviewed Journal)

**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, vol.13, no.1, pp.7-17, 2018 (Peer-Reviewed Journal)

**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, vol.5, pp.96-100, 2017 (Peer-Reviewed Journal)
- 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, vol.4, no.1, pp.49-54, 2016 (Peer-Reviewed Journal)
- XII. **Numerical Investigation on Heat Transfer Enhancement of Graphene Oxide Water Nanofluids in a Corrugated Channel**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
International Journal of Natural and Engineering Sciences, vol.10, no.2, pp.10-17, 2016 (Peer-Reviewed Journal)
- XIII. **A CFD BASED THERMO-HYDRAULIC PERFORMANCE ANALYSIS IN A TUBE FITTED WITH STEPPED CONICAL NOZZLE TURBULATORS**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
JOURNAL OF THERMAL ENGINEERING, vol.2, no.5, pp.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, vol.2, no.1, pp.1-15, 2016 (Scopus)

### **Refereed Congress / Symposium Publications in Proceedings**

- 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, Turkey, 3 - 04 October 2022, vol.1, no.1, pp.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, Turkey, 25 July 2022, vol.1, no.1, pp.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, Turkey, 20 - 22 October 2021, vol.1, pp.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, Turkey, 18 November 2021, vol.1, pp.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, Turkey, 25 October 2021, vol.1, pp.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, Czech Republic, 12 - 15 June 2019, vol.1, no.1, pp.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, Czech Republic, 12 - 16 June 2019, vol.1,

no.1, pp.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, Czech Republic, 12 - 15 June 2019, vol.1, no.1, pp.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, Czech Republic, 12 - 16 June 2019, vol.1, no.1, pp.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., KEKLİKCİOĞLU O., İdikurt A.  
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, vol.1, no.1, pp.225-228
- XI. **Numerical Investigation of Heat Transfer Augmentation of a Tube with Airfoil Cross Sectional Coiled Wire Inserts**  
ÖZCEYHAN V., Hachim H., KEKLİKCİOĞLU O., DAĞDEVİR T.  
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, vol.1, no.1, pp.229-232
- XII. **NUMERICAL INVESTIGATION OF PLACING DIMPLED WITH VARIOUS PITCH LENGTHS EFFECT ON HEAT TRANSFER**  
DAĞDEVİR T., KEKLİKCİOĞLU O., ÖZCEYHAN V., GÜNEŞ S.  
II. International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- XIII. **NUMERICAL INVESTIGATION OF PRESURE DROP AND HEAT TRANSFER IN A TUBE WITH AIRFOIL SHAPE DIMPLE**  
KEKLİKCİOĞLU O., DAĞDEVİR T., GÜNEŞ S., ÖZCEYHAN V.  
II. International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- XIV. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF HEAT TRANSFER ENHANCEMENT IN A TUBE WITH GO-WATER NANOFLUID FOR VARIOUS WEIGHT FRACTIONS**  
KEKLİKCİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V., GÜNEŞ S.  
II. International Scientific and Vocational Studies Congress, 5 - 08 July 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., KEKLİKCİOĞLU O., ÖZCEYHAN V., GÜNEŞ S.  
II. International Scientific and Vocational Studies Congress, 5 - 08 July 2018
- XVI. **NUMERICAL ANALYSIS OF THERMAL STRESSES IN A PIPE INSTALLED WITH A CONICAL NOZZLE TURBULATOR**  
Güneş S., Özceyhan V., Keklikcioğlu O., Dağdevir T.  
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018
- XVII. **Ardışık Silindirler Etrafındaki Akışın Sayısal İncelenmesi**  
Güneş S., Özceyhan V., Dağdevir T., Keklikcioğlu O.  
II. International Scientific and Vocational Studies Congress, Nevşehir, Turkey, 5 - 08 July 2018, vol.1, no.1, pp.1278-1283
- XVIII. **NUMERICAL INVESTIGATION OF HEAT TRANSFER ENHANCEMENT IN A TUBE WITH HEXAGONAL CROSSSECTIONED COILED WIRE**  
GÜNEŞ S., ÖZCEYHAN V., DAĞDEVİR T., KEKLİKCİOĞLU O.  
International Academy of Science, Technology, Engineering and Management, 23 - 24 August 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, Turkey, 5 - 08 October 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, Turkey, 5 - 08 October 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, Turkey, 4 - 08 October 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, Turkey, 5 - 08 October 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, Turkey, 5 - 08 October 2017, pp.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, Turkey, 13 - 16 September 2017, pp.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, Hungary, 3 - 07 May 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, Hungary, 3 - 07 May 2017, vol.1, no.1, pp.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, Budapeşte, Hungary, 3 - 07 May 2017, vol.1, no.1, pp.1-8
- XXVIII. **Exergy Loss Analysis of a Tube with Coiled Wire Inserts**  
KEKLİKÇİOĞLU O., DAĞDEVİR T., ÖZCEYHAN V.  
ICENS 2017, Budapeşte, Hungary, 3 - 07 May 2017, vol.1, no.1, pp.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, Turkey, 22 - 25 September 2016, vol.1, no.1, pp.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, Turkey, 22 - 25 September 2016, vol.1, no.1, pp.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, Macedonia, 2 - 05 September 2016, vol.1, no.1, pp.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, Macedonia, 2 - 05 September 2016, vol.1, no.1, pp.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, Turkey, 11 - 13 May 2016, vol.1, no.1, pp.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, Turkey, 11 - 13 May 2016, vol.1, no.1, pp.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, Turkey, 13 - 15 May 2015, vol.1, no.1, pp.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, Turkey, 13 - 15 May 2015, vol.1, no.1, pp.716-722

## Supported Projects

- Dağdevir T., Özceyhan V., TUBITAK Project, Experimental Investigation of Heat Transfer Improvement with Modified Twisted Plates in a Water Passing Pipe Doped with Graphene Nanoparticles, 2020 - 2021
- ÖZCEYHAN V., DAĞDEVİR T., Project Supported by Higher Education Institutions, NANOAKIŞKAN KULLANARAK VE İÇ ELEMAN YERLEŞTİRİLMİŞ DÜZ YATAY BORUDA ISI TRANSFERİNİN TAGUCHI YÖNTEMİ YARDIMIYLA ARAŞTIRILMASI, 2018 - 2020
- ÖZCEYHAN V., KEKLİKÇİOĞLU O., DAĞDEVİR T., Project Supported by Higher Education Institutions, 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., TUBITAK Project, ISIPAYÖLÇER CİHAZI PROTOTİP ÜRETİMİ VE PAY DAĞILIMI YAZILIMI, 2016 - 2017
- Akansu S. O., Kahraman N., Industrial Thesis Project, 01354 STZ 2012 1 Helisel Darrius Dikey Eksenli Rüzgâr Türbini Tasarımı ve Üretimi, 2012 - 2014

## Scientific Refereeing

- ENERGY, SCI Journal, November 2020
- HEAT TRANSFER RESEARCH, Journal Indexed in SCI-E, November 2020
- APPLIED THERMAL ENGINEERING, National Scientific Refreed Journal, August 2020
- ENERGY, SCI Journal, April 2020
- HEAT TRANSFER RESEARCH, Journal Indexed in SCI-E, February 2020
- ENERGY, SCI Journal, May 2019
- INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, SCI Journal, August 2018
- ENERGY, SCI Journal, July 2018

## **Metrics**

Publication: 63

Citation (WoS): 196

Citation (Scopus): 267

H-Index (WoS): 7

H-Index (Scopus): 8

## **Congress and Symposium Activities**

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Attendee, Ankara, Turkey, 2018

II. International Scientific and Vocational Studies Congress, Attendee, Nevşehir, Turkey, 2018

I. International Scientific and Vocational Studies Congress, Attendee, Nevşehir, Turkey, 2017

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

International Conference on Engineering and Natural Science (ICENS) 2017, Attendee, Budapest, Hungary, 2017

International Congress on Natural and Engineering Sciences, Attendee, Skopje, Macedonia, 2016

9th International Conference on Sustainable Energy & Environmental Protection, Attendee, Kayseri, Turkey, 2016

8th International Ege Energy Symposium, Attendee, Afyon, Turkey, 2016

International Conference on Advanced Mechanical Engineering, Attendee, İstanbul, Turkey, 2015

6th International Sustainable Energy and Environmental Protection, Attendee, Maribor, Slovenia, 2013