

Asst. Prof. CEVAHİR TARHAN

Personal Information

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Education Information

Under Graduate, Erciyes Üniversitesi, Eğitim Fakültesi, --, Turkey 2012 - Continues

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Makina Mühendisliği, Turkey 2012 - 2018

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Sivil Havacılık, Turkey 2010 - 2012

Under Graduate, Anadolu Üniversitesi, Faculty Of Economics And Administrative Sciences, Department Of Business, Turkey 2008 - 2012

Under Graduate, Anadolu Üniversitesi, Sivil Havacılık Yüksekokulu, Uçak Gövde Motor Bakım Bölümü, Turkey 2001 - 2005

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Logistics, Boeing 737-600/700/800/900 Tip Kursu, Türk Havayolları Teknik A.Ş., 2006

Logistics, CFM56-7B Tip Kursu Eğitimi, Türk Hava Yolları, 2006

Dissertations

Doctorate, Numerical and Experimental Investigation of Wind Turbine Airfoils, Erciyes University, Fen Bilimleri Enstitüsü, 2018

Post Graduate, NACA 0012 Kanat Profili Etrafındaki Hava Akışının Sayısal ve Deneysel İncelenmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Sivil Havacılık, 2012

Research Areas

Aeronautical and Space Engineering, Aeronautical Engineering , Flight Sciences, Aerodynamics, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Erciyes University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde-Motor, 2019 - Continues

Lecturer, Erciyes University, Sivil Havacılık Yüksekokulu, Uçak Gövde Motor Bölümü, 2013 - 2019

Research Assistant, Erciyes Üniversitesi, Sivil Havacılık Yüksekokulu, Uçak Gövde Motor Bakım Bölümü, 2011 - 2013

Lecturer, Kapadokya Meslek Yüksekokulu, Uçak Teknolojisi Programı, Uçak Teknolojisi Programı, 2010 - 2011

Professional Experience

Head of Department, Cappadocia University, 2010 - 2011

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

- I. **Numerical and experimental investigations of 14 different small wind turbine airfoils for 3 different reynolds number conditions**
Tarhan C., Yilmaza İ.
WIND AND STRUCTURES, vol.28, no.3, pp.141-153, 2019 (Journal Indexed in SCI)
- II. **Effect of turbulence and radiation models on combustion characteristics in propane-hydrogen diffusion flames**
YILMAZ I., TAŞTAN M., İlbas M., TARHAN C.
ENERGY CONVERSION AND MANAGEMENT, vol.72, pp.179-186, 2013 (Journal Indexed in SCI)
- III. **Investigation of hydrogen usage in aviation industry**
YILMAZ I., İlbas M., TAŞTAN M., TARHAN C.
ENERGY CONVERSION AND MANAGEMENT, vol.63, pp.63-69, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The use of wind turbines and the problem of icing**
TARHAN C., Çil M. A.
Wind Engineering, 2021 (Refereed Journals of Other Institutions)
- II. **Investigation of small wind turbine airfoil's for Kayseri weather conditions**
Tarhan C., Yılmaz İ.
Uluslararası Yakıtlar, Yanma Ve Yangın Dergisi, no.4, pp.42-43, 2016 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **POLLUTION EFFECTS OF HYDROGEN PRODUCTION AS AN ENERGY CARRIER**
Tarhan C.
15th International Combustion Symposium (INCOS2020), Kayseri, Turkey, 17 - 19 September 2020, pp.1-6
- II. **Numerical and Experimental Investigations Of E387 And SD7032 Wind Turbine Airfoils For 3 Different Reynolds Number Conditions**
Tarhan C., Taştan M., Yılmaz I.
International Eurasian Conference On Science, Engineering And Technology, Ankara, Turkey, 22 - 23 November 2018
- III. **Experimental and Numerical Investigations of Small Wind Turbine Airfoils for Low Reynolds Number Condition**
tarhan c., YILMAZ I.
9th International Exergy, Energy and Environment Symposium (IEEES-9), Split, Croatia, 14 - 17 May 2017
- IV. **Investigation of small wind turbine airfoil's for Kayseri weather conditions**
Tarhan C., Yılmaz I.
9th International Conference on Sustainable Energy and Environmental Protection, Kayseri, Turkey, 22 - 25 September 2016, pp.1-8
- V. **NACA0012 Kanat Profili Etrafındaki Hava Akışının Sayısal ve Deneysel İncelenmesi**
YILMAZ I., TARHAN C.
V. Ulusal Havacılık ve Uzay Konferansı, Kayseri, Turkey, 8 - 10 September 2014, pp.1-10

- VI. **Effect of turbulence and radiation models on combustion characteristics in propane–hydrogen diffusion flames**
Yılmaz İ., Taştan M., İlbaş M., Tarhan C.
The Third International Conference on Nuclear and Renewable Energy Resources, İstanbul, Turkey, 20 - 23 May 2012, pp.1-7
- VII. **Biyokütlenin Havacılıkta Kullanımı**
YILMAZ İ., TAŞTAN M., TARHAN C.
VI. Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Kayseri, Turkey, 1 - 04 October 2011, pp.197-203
- VIII. **Investigation of hydrogen usage in aviation industry**
Yılmaz İ., İlbaş M., Taştan M., Tarhan C.
10th International Conference in Sustainable Energy Technologies, İstanbul, Turkey, 4 - 07 September 2011, pp.1-7

Supported Projects

- YILMAZ İ., TARHAN C., TAŞTAN M., ÇAM Ö., Project Supported by Higher Education Institutions, RÜZGÂR TÜRBİN KANAT PROFİLLERİNİN SAYISAL VE DENEYSEL İNCELENMESİ, 2016 - 2018
- KARCI A., TARHAN C., TAŞTAN M., ÇAM Ö., YILMAZ İ., Project Supported by Higher Education Institutions, Farklı Kanat Profillerinin Aerodinamik Özelliklerinin Deneysel İncelenmesi, 2013 - 2014
- YILMAZ İ., TARHAN C., Project Supported by Higher Education Institutions, NACA0012 Kanat Profili Etrafındaki Hava Akışının Deneysel ve Sayısal Olarak İncelenmesi, 2012 - 2013
- YILMAZ İ., TAŞTAN M., TARHAN C., TANGÖZ S., Project Supported by Higher Education Institutions, GAZ TÜRBİN MOTOR YANMA ODASININ PERFORMANS DEĞERLERİNİN BELİRLENMESİ ÇİN TEST SİSTEMİNİN OLUSTURULMASI, 2009 - 2012

Edit Congress and Symposium Activities

- International Eurasian Conference On Science, Engineering And Technology, Working Group, Ankara, Turkey, 2018
- 9th International Exergy, Energy and Environment Symposium (IEEES-9), Working Group, Split, Croatia, 2017
- 9th International Conference on Sustainable Energy and Environmental Protection, Working Group, Kayseri, Turkey, 2016
- V. Ulusal Havacılık ve Uzay Konferansı, Working Group, Kayseri, Turkey, 2014
- VI. Yeni ve Yenilenebilir Enerji Kaynakları Sempozyumu, Working Group, Kayseri, Turkey, 2011

Citations

Total Citations (WOS):60

h-index (WOS):2