Res. Asst. PhD İdil Fenercioğlu Aydın

Personal Information

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International Researcher IDs
ORCID: 0000-0001-6922-0763
Publons / Web Of Science ResearcherID: G-6257-2012
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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliği (Dr), Turkey 2002 - 2010
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliği (Disiplinlerarası) (Yl) (Tezli), Turkey 1999 - 2002
Undergraduate, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliği Bölümü, Turkey 1995 - 1999

Foreign Languages

English

Dissertations

Doctorate, Experimental investigation of flow structures around an oscillating airfoil in steady current, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliği (Dr), 2010
Postgraduate, An Experimental investigation of aerodynamic characteristics of a high speed projectile with a forward-facing nose cavity, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliği (Disiplinlerarası) (Yl) (Tezli), 2002

Research Areas

Technical Sciences, Aeronautical and Space Engineering

Academic Titles / Tasks

Lecturer PhD, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliği Bölümü, 2012 - Continues
Research Assistant, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliği Bölümü, 1999 - Continues

Supported Projects

Fenercioğlu Aydın İ., Aydın E., KORKMAZ O., Project Supported by Higher Education Institutions, Dikey kalkış yapabilen bir insansız hava aracında ileri uçuşa geçişteki kararsızlıkların belirlenmesi, 2018 - 2019
Fenercioğlu Aydın İ., Project Supported by Higher Education Institutions, BİR ENERJİ ÜRETİCİSİNİN SERBEST VE KISITLANMIŞ AKIŞ İÇERİSİNDE EN ELVERİŞLİ SALINIMININ BELİRLENMESİ, 2015 - 2018
Fenercioğlu Aydın İ., Project Supported by Higher Education Institutions, Ardışık Çırpan Kanatlı bir Yenilenebilir Enerji Üreteci için Hareket Parametrelerinin Deneysel İncelenmesi, 2015 - 2018
Fenercioğlu Aydın İ., Project Supported by Higher Education Institutions, Salınım Yapan Bir Enerji Üreteci Etrafındaki Akışın Deneysel ve Hesaplalamalı Yeöntemlerle İncelenmesi, 2013 - 2018
Fenercioğlu Aydın İ., Project Supported by Higher Education Institutions, Yunuslama Ve Ötelenme Yapan Bir Kanada Ait Efektif Hücum Açısının Sinüsoidal Olmayan Formlarının İncelenmesi, 2013 - 2018
Fenercioğlu Aydın İ., Project Supported by Higher Education Institutions, Bir Çırpan Kanada Etki Eden Kuvvetlerin İncelenmesi, 2012 - 2018
Fenercioğlu Aydın İ., Project Supported by Higher Education Institutions, Yenilenevbilir Enerji Üreteçleri için Çırpan Kanat Uygulamaları, 2013 - 2015

Memberships / Tasks in Scientific Organizations

AIAA, Member, 2009 - Continues

Scientific Refereeing

Journal of the Faculty of Engineering and Architecture of Gazi University, SCI Journal, March 2018
AIAA Journal, SCI Journal, February 2017
AIAA Journal, SCI Journal, January 2017
AIAA Journal, SCI Journal, April 2016
Aerospace Science and Technology, SCI Journal, March 2016
Aerospace Science and Technology, SCI Journal, January 2016
AIAA Journal, SCI Journal, January 2016
Aerospace Science and Technology, SCI Journal, January 2014
Aerospace Science and Technology, SCI Journal, January 2013

Scientific Research / Working Group Memberships

AVT-279: Formation Flying for Efficient Operations, NATO STO, Belgium, https://www.sto.nato.int/, 2015 - Continues
AVT-282: Incompressible Aerodynamics of Large Amplitude Gust Encounters for Rigid Bodies, NATO STO, Belgium, sto.nato.int/, 2015 - Continues

Metrics

Publication: 37
Citation (WoS): 48
Citation (Scopus): 61
H-Index (WoS): 3
H-Index (Scopus): 3

Congress and Symposium Activities

An Experimental Investigation of a Plunging Wing under Gust Environment, Attendee, Ankara, Turkey, 2017
Investigation of Oscillating-Foil Power Generation in Constrained Flow, Attendee, Rome, Italy, 2017
Effect of Phase Angle on Tandem Flapping Wing Power Generation, Attendee, Ancona, Italy, 2016
On Optimal Oscilating-Foil Power Generation in Free and Constrained Flow, Attendee, California, United States Of America, 2016
Identifying Circulatory and Noncirculatory Forces of a Flapping Foil, Attendee, Poitiers, France, 2015
Effects of Three-Dimensionality for an Oscillating-Wing Power Generator, Attendee, Ankara, Turkey, 2015