

Res. Asst. PhD İdil Fenerciođlu Aydın

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: G-6257-2012

ScopusID: 55183877700

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliđi (Dr), Turkey 2002 - 2010

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Uçak Ve Uzay Mühendisliđi (Disiplinlerarası) (YI)

(Tezli), Turkey 1999 - 2002

Undergraduate, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliđi 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 Mühendisliđi (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 Mühendisliđi (Disiplinlerarası) (YI) (Tezli), 2002

Research Areas

Technical Sciences, Aeronautical and Space Engineering

Academic Titles / Tasks

Lecturer PhD, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliđi Bölümü, 2012 - Continues

Research Assistant, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliđi 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 Hesaplama Yeöntemlerle İncelenmesi, 2013 - 2018

Fenercioğlu Aydın İ., Project Supported by Higher Education Institutions, Yunuslama Ve Ötelenme Yapan Bir Kanada Ait Etketif 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, Yenilenebilir 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/](https://www.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 Oscillating-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