

Prof. Yakup Erhan Böke

Personal Information

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International Researcher IDs

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Biography

He was born in 1962 in İstanbul. He completed Yıldız Technical University, Mechanical Engineering Department, Department of Mechanical Engineering completed the Department of Energy 1983. He graduated at İstanbul Technical University in 1985. He took his doctorate title in 1993 at same University. Between 1990 and 1992 he worked as guest researcher at Clausthal Technical University. He worked as Research Assistant at İstanbul Technical University, Faculty of Mechanical, between 1984 and 1994 and as Assist.Prof.Dr. between 1994-2013. Since 2013 He was Assoc.Prof.Dr. at the same university. He works on combustion, steam boilers, CFD and heat technology.

Education Information

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1986 - 1993

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1983 - 1985

Undergraduate, Yıldız Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 1979 - 1983

Foreign Languages

German, B1 Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, Altın Beslemeli Sabit Yatakta Kömür Yanması, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 1993

Postgraduate, Sentetik Zeolitte Desorpsiyon ve Adsorpsiyon Olayının İncelenmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 1985

Research Areas

Technical Sciences, Mechanical Engineering, Energy, Alternative Energy Resources, Thermodynamics, Fuels and Combustion, Computational fluid dynamics, Thermal Systems

Academic Titles / Tasks

Professor, Istanbul Technical University, Makina, Makina Mühendisliği, 2018 - Continues
Associate Professor, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliği Bölümü, 2013 - 2018
Assistant Professor, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliği Bölümü, 1994 - 2013
Research Assistant, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliği Bölümü, 1984 - 1994
Research Assistant, Technische Universitaet Clausthal, Energieverfahrenstechnik, Energieverfahrenstechnik, 1990 - 1992

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Fenbilimleri Enstitüsü, Doktora Programı, 2016 - Continues
İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Isı Akışkan Yüksek Lisans Programı, 2015 - Continues

Courses

Yanma Esasları, Postgraduate, 2017 - 2018
Termodinamik II Bahar, Undergraduate, 2017 - 2018, 2016 - 2017
Uygulamalı Termodinamik, Undergraduate, 2017 - 2018

Supported Projects

Böke Y. E., Project Supported by Higher Education Institutions, Tunçbilek Termik Santralinin 4. Ünite Kazanındaki Alev Oluşumunun CFD Analizi, 2014 - 2018
Böke Y. E., Project Supported by Higher Education Institutions, Duman Yayılımının Sayısal Modellenmesi, 2011 - 2018
Böke Y. E., Project Supported by Higher Education Institutions, Havalandırılan Kapalı bir Hacimde Hava Dağılım Karakteristiklerinin Tayini, 2004 - 2006
Böke Y. E., Project Supported by Higher Education Institutions, Doğal Gazın Yanması ve Oluşan Emisyonlar, 1999 - 2000
Böke Y. E., Project Supported by Higher Education Institutions, Üzerinde Hava Akımı Olan, Yatay Yakıt Yatağındaki Alevsiz Yanmanın İncelenmesi, 1997 - 1998

Activities in Scientific Journals

İTÜ Dergi D, Committee Member, 2011 - 2014

Memberships / Tasks in Scientific Organizations

Üniversite ve Sanayi İşbirliği Komisyonu, Member, 2012 - Continues

Scientific Refereeing

Applied Energy, SCI Journal, November 2017
Applied Energy, SCI Journal, November 2017

Applied Energy, SCI Journal, June 2017

Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal, March 2017

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi'ne , National Scientific Refreed Journal, November 2016

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, October 2016

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi , National Scientific Refreed Journal, October 2016

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi , National Scientific Refreed Journal, September 2016

Applied Energy, SCI Journal, June 2016

Project Supported by Higher Education Institutions, March 2016

Muğla Journal of Science and Technology, National Scientific Refreed Journal, December 2015

Project Supported by Higher Education Institutions, December 2015

Energy Sources Part A, SCI Journal, November 2013

Fuel, SCI Journal, March 2013

Fuel, SCI Journal, August 2012

Energy Sources Part A, SCI Journal, January 2012

Energy Sources Part A, SCI Journal, May 2011

Energy Sources Part A, SCI Journal, October 2010

Energy Sources Part A, SCI Journal, June 2010

Scientific Consultations

Turaş Gaz Armatürleri San. Ve Tic. A.Ş., Scientific Consultancy, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey, 2011 - 2012

Metrics

Publication: 108

Citation (WoS): 33

Citation (Scopus): 52

H-Index (WoS): 4

H-Index (Scopus): 5

Non Academic Experience

Clausthal Teknik Üniversitesi